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Oferty technologiczne oraz
technologie poszukiwane
sieci EEN

Information Technology

Kraków wrzesień 2010

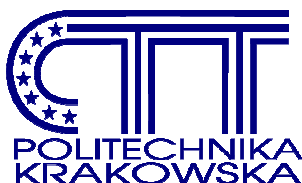


Katalog ofert Enterprise Europe Network



Wsparcie dla biznesu w zasięgu ręki

„Information Technology”



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**Jeśli posiadasz innowacyjną technologię
i chcesz z nią wejść na rynek europejski**

Jeśli szukasz nowej technologii

**Jeśli szukasz partnera zagranicznego do rozwiązania problemu
technologicznego**

**Skorzystaj z pośrednictwa Centrum Transferu Technologii przy
Politechnice Krakowskiej, członka europejskiej sieci —
Enterprise Europe Network**

Szanowni Państwo,

Oddajemy w Państwa ręce kolejną już publikację zawierającą oferty technologiczne oraz opisy technologii poszukiwanych sieci Enterprise Europe Network pochodzące z zagranicy.

Załączone oferty technologiczne mogą być zarówno ofertą komercyjną dla firm jak również stanowić inspirację dla ośrodków naukowo-badawczych specjalizujących się w tematyce IT.

Enterprise Europe Network jest powstałą w 2008 roku siecią ośrodków działających głównie na rzecz przedsiębiorstw sektora MŚP. Jest to obejmująca obszar Europy sieć instytucji świadczących usługi informacyjne i doradcze na rzecz przedsiębiorstw sektora MŚP. Enterprise Europe Network powstała jako jedno z działań przewidzianych w ramach nowej inicjatywy Unii Europejskiej – Programu Ramowego na rzecz Konkurencyjności i Innowacji (CIP).

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Oferta sieci adresowana jest do przedsiębiorców i obejmuje przede wszystkim:

- udzielanie informacji i doradztwo w zakresie możliwości finansowania działalności gospodarczej oraz prawa Unii Europejskiej,
- pomoc w wyszukiwaniu partnerów zagranicznych (m.in. poprzez bazy danych zawierające oferty współpracy technologicznej i biznesowej),
- pomoc we wdrażaniu innowacji i rozwoju badań prowadzonych przez przedsiębiorstwa oraz pozyskiwaniu funduszy na prowadzenie działalności badawczej (w tym uczestnictwo w 7. Programie Ramowym).

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Oferty technologiczne

System Digital Signage dla wielu platform

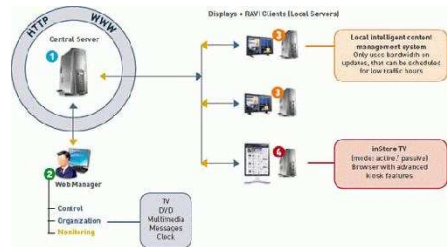
Digital Signage System for Multiple Platforms

(Ref: 09 PT 65BN 3DCT)

Portugalskie MŚP opracowało innowacyjną platformę Digital Signage obsługującą korporacyjne nadawanie sygnału telewizyjnego w Internecie lub z wykorzystaniem ekranów konwencjonalnych. Ten innowacyjny system umożliwi tworzenie playlist zgodnie z profilem użytkownika, lub wykorzystanie nowości RSS w celu aktualizowania informacji wyświetlanych na ekranie.

Spółka szuka partnerów zainteresowanych umową handlową wraz z współpracą techniczną.

Digital signage is a form display that shows information, advertising and other messages and can be found in different type of environments, such as retail stores and corporate buildings.



The developed system is an innovative multimedia management software system that remotely manages the digital communication in physical spaces using any kind of screen (Plasma, TFT, Multimedia Stands...). By using real time display management it allows a fully integrated control of the display areas: TV, DVD, animation, footnote messages, clock and other personalized contents.

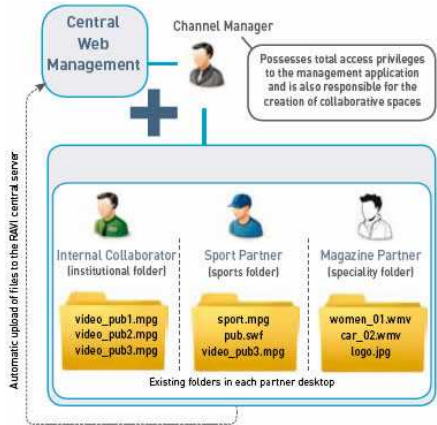
It can also be connected to any external software through RSS, a Web Service or a database, continuously feeding the system with updated information. The management is web based, through a visually simple and intuitive interface that can control groups of terminals and terminals playlists. For each terminal/slide sequences it is possible to customize the view according to location, time among other criteria.

The system also implements an innovative system which allows to program sequences according to the user's profile. This system connects external stimulus to the display screen and adapts the communication accordingly to what is expected.

Innovations and advantages of the offer:

The proposed system has the following characteristics:

- Real Time Display Management: Total and dynamic control of the display areas
- Fully Integrated: Connection to any kind of external software through RSS, Web Service or database
- Total Compatibility: Differentiated communication plans for each installed terminal or group of terminals.
- Real Time Monitoring
- Media Optimization: Integration of existing corporate multimedia contents. Optimization of VPN intranets bandwidth usage.
- Sequences programming according to the user's profile.
- Corporate tv broadcasting through the internet or using conventional screens
- Possibility to connected to RSS feeds, Web Services or databases, continuously feeding the system with updated information



Current and Potential Domain of Application:

The technology can be used by all companies that need to efficiently promote their image.

Collaboration Type:

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Companies.

Specific area of activity of the partner: Marketing and Advertising or other type of entities that need to promote their image.

Task to be performed: Adaptation to specific needs.

Inteligentne półki

Intelligent Shelves

(Ref: 10 PT 65BN 3HV2)

Portugalskie MŚP opracowało system inteligentnych półek oparty na innowacyjnej technologii umożliwiające wykorzystanie wbudowanych odbiorników kierunkowych RFID, które automatycznie wykrywają, jakie oraz ile obiektów znajduje się na danej półce w różnych stertach.

Spółka szuka partnerów zainteresowanych umową handlową wraz ze współpracą techniczną. Potencjalnymi partnerami są firmy pracujące w przemyśle wydawniczym, farmaceutycznym, odzieżowym i obuwniczym, i ogólnie handlu tetalicznym.

Keeping an updated and correct inventory of the products that are on the shelves of a store is a constant necessity that is common along a large number of sectors.

The developed shelves are based on a highly innovative approach using RFID directional reading technology in order to find out which and how many objects are on a particular pile of a certain shelf.

The RFID sensor is embedded in the shelf and can detect objects up to 15 cm on top of it. The directional properties of the technology allows that only objects on top of the shelves are detected avoiding wrong readings from objects located on the side or below the shelf. With a field confinement of a couple of centimeters and an extremely reliable read range this technology is the first of its kind.

The system is intended for multipurpose use and it is the ideal solution for bookstores, libraries, footwear, CDs, DVDs and smaller products such gadgets or any retail solution where a near field reading capability of up to 15 cm is enough.

Innovations and advantages of the offer:

The intelligent shelves system has the following characteristics:

- Can automatically update the inventory of the products in a certain store.
- Is capable of reading objects on top of the shelf, distinguishing different piles. It doesn't detect objects located on the side or bottom of the shelf.
- Is capable of reading up to 15 cm high.

- Can be used in a large number of industries.
- Low costs.
- Shelves can be produced using different materials and colors.

Current and Potential Domain of Application:

This system can be used by pharmacies, books, clothes and footwear stores among other general retail structures.

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Companies.

Specific area of activity of the partner: Retail.

Task to be performed by the partner sought: Adaptation to specific needs.

Multimedialny przenośny przewodnik podróżniczy

Multimedia Mobile Travel Guide

(Ref: 10 PT 65BN 3HWV)

Portugalskie MŚP opracowało zintegrowany multimedialny przewodnik dla podróżnych, zapewniający spersonalizowane doświadczenia podczas zwiedzania miasta lub regionu. Z przewodnika tego można korzystać na zwykłych urządzeniach typu PDA, przy czym przedstawia on użytkownikom treści multimedialne w zależności od lokalizacji.

Spółka szuka partnerów zainteresowanych umową handlową wraz ze współpracą techniczną.

The common travel guides are books for tourists and travelers that provide details about a certain geographic location, the tourist destination, or itinerary.

Usually these guides are heavy and require some time to search specific Points of Interest (POIs) and the best route to take from the users' location to the desired destination.

The developed system is a multimedia travel guide that uses the GPS positioning of the user to show location based interactive multimedia content. It is possible to easily add new interactive contents to the system in different languages.

This interactive guide has the following features to provide a personalized experience for its users:

- Interactive map.
- Points of interest (hotels, restaurants, museums...).
- Services.
- Routes.
- Events.
- Add/Remove Favorites.

The travel guide is extremely easy to interact and can be used in any kind of PDA with a GPS receiver.

Innovations and advantages of the offer:

The multimedia travel guide has the following characteristics:

- Easy to interact.
- Location based interactive contents.
- Interactive routes.
- New contents and POIs can be easily added to the system.
- Several categories of POIs (hotels, restaurants, museums,...).
- Multilingual facility.
- Events management.
- Low cost.

Current and Potential Domain of Application:

The multimedia travel guide can be used by municipalities, tourism regions or other types of organizations interested in tourism promotion.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Companies, Municipalities, Tourism Regions.

Specific area of activity of the partner: Tourism.

Task to be performed by the partner sought: Adaptation to specific needs.

Loggery danych na temat temperatury i wilgotności z wykorzystaniem bardzo małych czujników

Temperature and humidity data loggers using very small sensors

(Ref: 08 PT 65BN 0J5Y)

Portugalskie MŚP posiadające znaczny know-how i doświadczenie w branży elektronicznej i oprogramowania opracowało system złożony z miniaturowych loggerów danych na temat temperatury/wilgotności oraz odnośne oprogramowanie. System ten posiada zastosowanie w całym łańcuchu dostaw branży agrospożywczej, gdzie monitorowanie powyższych parametrów jest podstawowe i zazwyczaj obowiązkowe.

Spółka pragnie poszerzyć rynku zbytu i szuka partnerów zainteresowanych umowami handlowymi wraz z wsparciem technicznym.

Temperature measurement is essential in the agro-food industry for quality assessments of products and processes. Other areas of activity, like cultural heritage, need to control humidity in order to prevent damaging of artworks.

A Portuguese company has developed a temperature and humidity measurement framework using very small sensors (17 mm wide) that can measure temperatures from -40°C to +125°C. The associated software allows its users to configure log parameters. When the travel comes to an end, it is possible to analyse the temperature/humidity histograms, verify potential alarms, print and save the reports or export the data. The system can be used as a stand-alone application in a PC or PDA or in an online environment.

Innovations and advantages of the offer:

The temperature/humidity framework has the following features:

- Small-size sensors (~17mm wide).
- Robust equipment (stainless steel).
- Alarm detection.
- Can be used in a PC, PDA or via the WWW.
- Wide range of applications.
- Very low cost of implementation.

Current and Potential Domain of Application:

The system can be applied in: transport and storage of food, HACCP (Hazard Analysis and Critical Control Point) systems, refrigerating trucks, museums, blood and organs storage or any other industry or entity that needs to monitor temperature or humidity.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: All companies that need temperature or humidity measurement systems.

Specific area of activity of the partner: Transportation and logistics companies, museums and conservation-restoration companies are also potential partners.

Task to be performed: Technical assistance and consultancy for the use of the product.

Monitoring w czasie rzeczywistym i kontrola produkcji

Real-Time Monitoring and Production Control

(Ref: 09 PT 65BN 3D5V)

Portugalskie MŚP opracowało technologię do monitorowania i kontroli produkcji w czasie rzeczywistym. System zbiera dane z nieograniczonej liczby terminali w celu zarządzania różnymi zamówieniami zakładu.

Spółka szuka partnerów zainteresowanych umową handlową wraz z współpracą techniczną.

Production control covers the systematic planning, coordinating, and directing of different manufacturing activities in order to have the goods produced on time, with adequate quality, and at reasonable cost.

The developed system allows the real-time gathering of information of data from the different tasks of a manufacturing plant. It provides its users with a simple and efficient way to update the progress of production orders. It is

scalable so it can be easily applied to different factories, production lines or other business units.

It can store and maintain a history log of unlimited sessions (daily, weekly, monthly...) and can be easily adapted to different workstation realities (touch screen, code bar readers, biometric devices, ID cards...).

The system is designed for three different profiles (manager, supervisor, worker). The worker profile gives its users the opportunity to monitor the production: tasks, shifts, occurrence, persons, quality and traceability. The other profiles deal with machines monitoring, layout monitoring, production order status and history logging among other features.

All the information that is feeded into the system is checked in real-time to avoid errors and due to its internal structure can also be easily integrated with existing ERPs

Innovations and advantages of the offer:

The developed technology has the following features:

- Real-time data gathering.
- Unlimited sessions monitoring.
- History logging.
- Scalable; can be applied factories, production lines, business units.
- Different profiles (administrator, supervisor, worker).
- Easy integration in existing ERPs.
- Multiple sessions.
- Fully integrated, easy to use graphic interface.

Current and Potential Domain of Application:

The technology can be used by manufacturing companies of all sectors.

Intellectual Property Rights: Secret know-how.

Collaboration Type

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Companies.

Specific area of activity of the partner: Manufacturing companies.

Task to be performed: Adaptation to specific needs.

Wirtualna platforma widokowa online dla promocji turystyki i dziedzictwa kultury

On-line virtual sightseeing platform for tourism and cultural heritage promotion

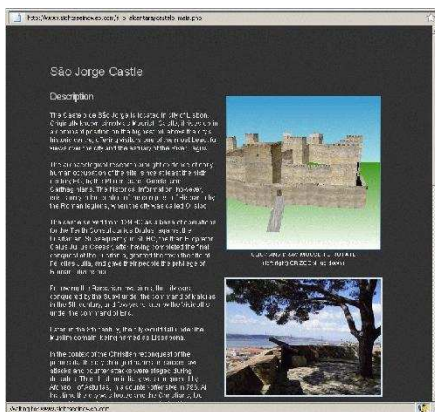
Ref: 08 PT 65BN 27KF)

Portugalskie MŚP specjalizujące się w grafice komputerowej i multimediami opracowało sieciowy silnik do wirtualnego zwiedzania, który można wykorzystać do promocji turystyki lub dziedzictwa kultury z zastosowaniem tekstu, obrazów, widoków panoramicznych oraz grafiki 3D z odniesieniami GIS oraz bez żadnych wtyczek (pluginów). Spółka szuka partnerów zainteresowanych umową handlową wraz z współpracą techniczną.

The importance of an adequate presentation of the natural and cultural heritage of a country or a region is essential for increasing the number of tourists with the obvious increase in its economic development.

The developed application is a web based platform that can be used in all browsers without the necessity of specific plugins. The platform engine can be used to promote a country, regions, cities or all of them using the platform zoom features. In each of these levels the users can combine text, images and 3D interactive geometric models within a panoramic view and GIS referencing to create a virtual sightseeing tour for that place.

After choosing a place for the sightseeing and its associated panoramic view it is possible to change at the same time the sights in the main view and view angle displayed in a small map of the place. As the viewing angle is changed new hotspots will appear combined with their detailed description (text, images, 3D).



Innovations and advantages of the offer:

The platform has the following characteristics:

- On line platform without any kind of plugins.
- Advanced zoom features make it easy to promote countries, regions or cities/villages.
- Panoramic view with GIS referencing.
- Hotspots description using text, images, movies and 3D graphics.
- Simultaneous display of sight and viewing angle.

Current and Potential Domain of Application:

This technology can be used by tourism or cultural heritage entities to promote their areas of influence.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Tourism or cultural heritage entities like tourism regions, tourism operators, museums among other.

Specific area of activity of the partner: Tourism, cultural heritage, land management, environment.

Task to be performed: Adaptation to specific needs.

Platforma do dystrybucji cyfrowych gazet i magazynów

Digital newspapers and magazines distribution platform

(Ref: 08 PT 65BN 27JO)

Portugalskie MŚP specjalizujące się w dokumentacji cyfrowej opracowało platformę, którą można wykorzystać do magazynowania, przeszukiwania, wizualizacji oraz pobierania różnych publikacji (gazet i magazynów). Użytkownicy mogą wykupić subskrypcję i pobierać całe publikacje lub korzystać z wycinków prasowych, aby wybrać najciekawsze wiadomości.

Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

There is a growing necessity to access local, regional or worldwide information however small editors and publishers have great difficulties to distribute their newspapers, magazines or books abroad or even in their own country. The transport fees and other associated logistics makes almost impossible for small publishers to become visible in other regions than their own therefore reducing their potential partners.

The developed platform allows its users an easy reading access to a large quantity of information (newspapers, magazines...) using a subscription scheme. It is possible to download the newspapers in a high quality version, create a personal archive with selected information, search the entire platform using a free text facility or receive news alerts based on a set of keywords defined by the user.

The framework also provides a clipping facility, making it easy for a user to select the most information, download or store it in a personal section or even send it by e-mail to other persons that may be interested in the information.

Innovations and advantages of the offer:

The platform has the following innovations:

- Worldwide distribution of local or regional publications.
- High quality publications' download.
- Easy access to a large quantity of information (newspapers, magazines, books,...).
- Clipping facility.
- Personal archive with publications and storage.
- Alert generation based on a set of defined keywords.

Current and Potential Domain of Application:

This technology can be used by publishers of newspapers, magazines or books to diffuse their information worldwide.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Technical consultancy

Type of partner sought: Publishing Companies.

Specific area of activity of the partner: Newspaper, magazines or books publishers.

Task to be performed: Adaptation to specific needs.

Interaktywny wirtualny symulator sercowo-naczyniowy 3D

Interactive 3D virtual cardio-vascular simulator

(Ref: 10 PT 65BN 3HB1)

Portugalskie MŚP działające w branży e-learningu oraz produkcji treści dotyczących zdrowia opracowało interaktywny wirtualny symulator sercowo-naczyniowy w oparciu o zaawansowane środowisko 3D, który można wykorzystać do celów edukacyjnych. Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym. Docelowi partnerzy powinni pochodzić z branży farmaceutycznej, szpitalnej oraz z innych instytucji ochrony zdrowia, mających potrzeby edukacyjne.

The most usual cardio-vascular system learning methods rely heavily on books and the use of static 2D or 3D illustrations.

The introduction of a virtual simulator of the cardio-vascular system in training environments would help health care technicians improve their knowledge acquisition and dissemination. The student can easily understand the scientific concepts behinds the process or by actively interacting with it.

The virtual cardio-vascular simulator is an innovative educational technology that allows interaction with the heart in all its dimensions: from virtually manipulating the organ, to the parameterization of the heartbeat and of the level of ischemia, getting multiple views on specific cuts, seeing the electrical conduction tissue, and the synchronization with ECG and heart sound.

Innovations and advantages of the offer:

The developed virtual cardio-vascular system has the following features:

- Allows complex scientific data to be shown in a visually dynamic interactive way.
- Provide strong scientific accuracy embedded in an advanced 3D visualization system.
- The user can parameterize different variables and conditions of the heart and get an accurate audiovisual response to those inputs.

Current and Potential Domain of Application:

The developed system can be used in training environments by pharmaceutical companies, hospitals or other health care institutions.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Pharmaceuticals and health care institutions.

Specific area of activity of the partner: Health.

Task to be performed by the partner sought: Adaptation to specific needs.

Korporacyjna platforma telewizyjna dla różnych środowisk

Corporate Television Platform for Multiple Environments

(Ref: 08 PT 65BN 0IXG)

Portugalskie MŚP opracowało innowacyjną korporacyjną platformę z oprogramowaniem telewizyjnym, którą można wykorzystać do przedstawiania różnych treści multimedialnych (tekst, audio, wideo, obrazy, dźwięk itp.) na dowolnym rodzaju ekranu. Platforma ta jest sterowana przy pomocy bardzo prostego interfejsu sieciowego, który oprócz zarządzania treściami kontroluje również rozpowszechnianie na zestawie ekranów o różnym położeniu geograficznym. Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

Nowadays corporate communication is a necessity that cannot be dismissed. Fortunately to communicate with customers and employees, dynamically and efficiently, is now easier through the latest technological advances.

The proposed platform is a multimedia distribution and presentation software platform supporting all types of content, from entertainment to advertising. The system allows the production, management and programming, from a central point, of multimedia content sets, enabling

their presentation in geographically remote displays, thus creating a corporate TV application based on IPTV (Internet Protocol Television) technologies.

The platform has the following characteristics:

- Communication media independent, compatible with any type of IP network.
- Full remote management and monitoring.
- 100% compatible with the three main Operating Systems on the market (Windows, Mac OS, Linux).
- Intelligent content transfer: each content item is sent only once per network segment.
- Content management model developed according to Broadcast TV concepts, allowing each location to be controlled as an independent TV channel.

Innovations and advantages of the offer:

The Corporate TV platform has the following advantages:

- Revolutionise the customer/employee relationship.
- Create attractive and dynamic multimedia environments with multiple objectives: corporate communication, training, advertising, short events, point of sale communication, etc.
- Interact at the right spot at the right time, enabling new sources of revenue, cross-selling or partnerships.
- Decrease communication logistic and production costs, focusing on the message and results analysis.

Current and Potential Domain of Application:

This technology is most valuable to any kind of company that needs to provide promotional/corporate information to their clients using a corporate TV environment.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Technical consultancy

Type of partner sought: Any kind of company interested in providing information to its clients using a corporate TV environment.

Specific area of activity of the partner: Any kind of activity.

Task to be performed: Adaptation to specific needs.

Platformy dla usług VideoShare z wykorzystaniem SIP/IMS

SIP/IMS VideoShare Solutions platforms

(Ref: 08 ES 28F9 0IC9)

Hiszpańska firma opracowała Technologię LiveServe, umożliwiającą szeroką gamę zastosowań, w tym multimedialnych (głosowe/wideo/dane) z/do telefonów komórkowych do/z serwera/sieci. Technologia ta opiera się na infrastrukturze (a nie aplikacji do urządzenia). Oferuje ona pobieranie/wysyłanie mediów (audio-wideo) w czasie rzeczywistym w heterogenicznych środowiskach i w sposób kompatybilny z usługami IMS lub prywatnie zarządzanymi usługami.

Spółka szuka partnerów zainteresowanych licencją lub umową handlową wraz z wsparciem technicznym.

The LiveServe VideoShare Suite is a communications infrastructure bundle enabling a wide range of compelling multimedia mobile solutions. VideoShare is a combinational service using regular Voice combined with Packet Video Data.

The infrastructure could be hosted at carrier or MVNO side as own or as ASP, at a Hosting/Housing company as new business revenue generator or be installed directly at final customer facilities.

All the solutions are fully compatible with IMS Application Server standards or can work in standalone mode where carrier branded IMS service is not available.

The solutions are based on appliance servers, scalable, and combinable to create mixed use cases as needed, based on commercial INTEL HW, architecture with highly reliable Linux OS.

This technology can escalate / implement redundancy of their platforms according to the customer capacity needs.

Detailed explanation of each component:

- ConverG is the IMS Application Server capable of managing combinational services (3G feature allowing simultaneous voice and data connections). ConverG has 2 operational modes:

a) IMS AS to manage combinational services accepting "third party registration" events and redirecting the traffic from subscribers using standard "Initial Filter Criteria".

b) Standalone Application Server capable of managing combinational services when no IMS infrastructure is available.

ConverG works with different UserAgents (handsets, PC clients, media servers) to create a wide range of solutions based on Video-Sharing (or other combinational services) in uplink, downlink or both. ConverG is used combined with LiveServe products, and it is offered to other companies interested in developing advance mobile multimedia solutions. ConverG has been successfully integrated in third party solutions.

- LiveServe Server enables VideoShare solutions for Mobile to X (Mobile to Server, Mobile to Web) real time insertion of audio and video streams. LiveServer supports SIP softphones and 3G videoshare enabled handsets. No additional handset software is needed.

To ease integration, the technology supplies Web 2.0 widgets to integrate real-time video/audio feeds in a matter of seconds in WEB 2.0 sites such as Blogger or intranets.

- LiveServe Media Server enables Downlink based VideoShare solutions, for Server to Mobile use cases. The LS Media Server:

- a) Manages VideoShare SIP signalling to ConverG and/or the IMS core.

- b) Streams RTP media to final peers supporting a wide choice of standard formats.

- c) Exports a BUS interface for bi-directional communication with 3rd party solution servers. The BUS Manager receives requests (play to peer, stop, cancel, pause, etc) for the MediaServer and receives the status updates about their completion. The architecture allows development by 3rd parties and building very complex solutions using real-time video (News, security, emergency, IVR, multimedia ERP, multimedia CRM).

- Peer to multipeer videoshare application server: combined with the ConverG platform, this AS enables peer to multipeer videoshare, as defined by GSM Association. This cutting-edge technology not only setup that videoshare sessions but also supports advanced features, such as triggering the combination voice calls, avoiding the need for additional expensive systems. Briefly, calling a suitable number triggers multipeer videoshare, the Application Server setups n-voice calls and starts the video sharing session with n-peers.

Innovations and advantages of the offer:

- Efficient use of mobile video-services, applied to new cases of mobility.
- Flexible hosting (could be hosted privately, by mobile carrier or in a hosting centre).
- Commercial INTEL based HW with hardened LINUX, fully supported.
- Introduces IMS Technologies with added value use cases.
- Allow services deployment before IMS fully deployed.
- Flexible hosting and even ASP model.

Current and Potential Domain of Application:

- Video-Blogging.
- Task Video-Reporting (cleaning,gardening, maintenance, insurance, reports).
- Law enforcement and emergencies.
- Online Media News Gathering.
- Crisis Management.
- Video-Surveillance.
- Personal IPTV Station.
- Mobile Advertisement.
- Video Contact Center (multimodal CRM combined with IVR).
- Mobile VideoAlerting.
- News delivery.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: Mobile Carrier, IT integrator, Media Companies (online newspapers, IPTV's, radiostations).

Specific area of activity of the partner: Mobile carrier or mobile applications system integrator.

Tasks to be performed: To integrate this technology and provide/develop multiple applications. e.g.: security and law reinforcement, services companies needing task reporting (clearing, maintenance, railway, etc), Internet communities.

System monitorowania fizycznej i medycznej działalności ludzi w połączeniu z alarmem i systemem komunikacji

System for monitoring of physical and medical human activity combined with alarm and communication facility

(Ref: 09 CZ 0744 3EVI)

Niewielka wydzielona spółka czeska opracowała zaawansowany system osobisty umożliwiający alarm i system komunikacji dla osób starszych przebywających w domu. Technologia ta automatycznie wykrywa możliwy upadek i umożliwia monitorowanie wybranych parametrów medycznych (EKG, ciśnienie krwi, SpO2, poziom cukru we krwi itp.).

Spółka poszukuje partnerów przemysłowych zainteresowanych umową licencyjną i współpracą techniczną.

The System is designated for surveillance services, emergency communication and localization of elderly people at home environment.

The main feature of the system is acquisition and processing of various environmental and medical parameters describing senior's health status. All information acquired by personal unit is transmitted to the monitoring center. This center provides immediate and optimal feedback to the clients by several means - phone call, alert to the family, rescue service, police, personal physician, etc. It is possible to monitor several specific medical parameters (ECG, blood pressure, SpO2, blood glucose, etc.). All medical sensors have wireless connection with personal unit.

Other function of the personal unit is voice communication with the monitoring center via mobile network, localization by GPS signal, automatic detection of possible fall and other required features. Personal unit is a small mobile unit, which allows senior user to practice usual activities (including activities outside the house) according to health state. It is user friendly and easily adjustable for many client groups.

System provides automatic control of functions that is independent on the user and enables online information about proper use (if the unit is reasonably charged, in reach of the monitored person etc.).

Innovations and advantages of the offer:

The technology of the system has been tested and was proved to have desired functionality and quality. System offers comprehensive but open

and dynamic solution with obvious relation to the future research and technology development.

System covers full-range of services and administration needs in one realization. It offers easy implementation and is open for upgrades and new applications.

Personal unit is adjusted for use by people with impaired abilities (touch, sight) and does not required sophisticated operations.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- License Agreement
- Adaptation to specific needs

Type of partner sought: Health and social institution.

Specific area of activity of the partner: Institution in health and social services provisioning.

Task to be performed by the partner sought: System implementation.

Nowe oprogramowanie ułatwiające proces tłumaczenia

New software to facilitate the translation process

(Ref: 08 IT 55Y2 0IG6)

Włoskie MŚP działające na rynku oprogramowania i świadczące usługi oraz dostarczające komponenty oprogramowania dla małych, średnich i dużych firm, opracowało nowy program użyteczny do uproszczenia wymiany danych pamięci tłumaczeniowych. Program ten określa i wydziela główne źródło kodu z tekstu, komunikatów i innych obiektów dotyczących konkretnego języka.

Spółka szuka partnerów zainteresowanych współpracą techniczną oraz umową handlową wraz z wsparciem technicznym.

The software solution offered by an Italian company is named TMX ResourceBundle and it is an extension of the Java ResourceBundle class. TMX (Translation Memory eXchange) is an open XML (Extensible Mark-up Language) standard for exchange and record keeping of TM (Translation Memory) data. The purpose of TMX consists of allowing easier exchange of translation memory data between tools and/or translation vendors with little or no loss of critical data during the process.

As well as Java provides great support for software internationalisation, this new application also is compatible with the basic concepts of internationalisation (i18n), which explains how to write internationalised software and how to modify and internationalise software.

According to the main international concerns, it separates the main source code from the text, the labels, the messages and all the other objects related to the specific language in use. This facilitates the translation process as such, as the resources related to the local language context are well identified and separated.

Innovations and advantages of the offer:

The software is supported by the greatest number of translation software tools. It is open source and uses open standard technology TMX and XML. Little or no loss of critical data was recorded during the process.

Advantages:

- It makes exchange of translation memory data between tools and translation vendors easier.
- TMX ResourceBundle offers a neutral system in data exchange between different translation systems.
- This new standard allows cutting development costs in translation processes.

Current and Potential Domain of Application:

It is useful on the business and office market giving the possibility to support low costs in the data exchange of the translation process.

Intellectual Property Rights: Copyright(s) registered.

Collaboration Type:

- Technical consultancy

Type of partner sought: industry.

Specific area of activity of the partner: the partner sought has to be involved in the computer software market.

Task to be performed: partners sought have to be involved in providing Internet services such as consulting, engineering and information ones;

* Technical cooperation aims to get business system integration on the computer software market.

* Commercial agreement with technical assistance offers to partners support services such as technical consulting, and technical training services

Kiosk multimedialny oparty na technologii LCD dla wizualizacji dowolnego rodzaju informacji

Multimedia kiosk based on LCD technology for visualisation of any kind of information

(Ref: 08 BG 0528 0JHK)

Wiodące przedsiębiorstwo bułgarskie specjalizujące się w różnych koncepcjach komunikacji wizualnej – sprzącie do zastosowań zewnętrznych i wewnętrznych oraz niezależnych systemach informatycznych – oferuje kiosk multimedialny oparty na technologii LCD, dla wizualizacji dowolnego rodzaju informacji – numerycznych, alfabetycznych, graficznych, wideo, lub ich kombinacji. Produkt można też zaadaptować do szczególnych potrzeb klienta. Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

A Bulgarian company has developed and marketed a multimedia kiosk display based on LCD technology. The kiosk can display charts, diagrams, presentations, maps, public messages, exchange information in real time, news on the world capital markets, sound and video. The kiosk can be used as a “stand alone” information board or can be connected in network with other products, controlled through one point and the information can be updated in real time.

The product is available also with touch screen technology, wireless keyboard, TV tuner, stereo speakers and built-in PC.

The construction schemes are customised according to clients’ specific needs and allow flexibility in choice of number of columns, visualisation of information, height of symbols (digits, results), sound signal input, etc. The kiosk could be used for various purposes: exchange rate boards; indoor and outdoor advertisement; road signalisation; traffic lights; etc.

The company covers the whole technological cycle of LED displays production - starting from project and design, going through technological process and finishing with original software, implemented in the products.

All the products are certified under the quality standard ISO 9001:2000.

The company is looking for commercial agreements with technical cooperation with organisations from the above-mentioned sectors.

Innovations and advantages of the offer:

The kiosk successfully uses the GSM network that allows a quick access to control from any geographic point.

Stand alone information board.

Advantages:

- User-friendly software.
- Easy installation.
- Simple operation.

Current and Potential Domain of Application:

The displays could be used for various purposes: exchange rate boards; indoor and outdoor advertisement; systems designed for open-space stadiums; road signalisation and traffic lights; etc.

Intellectual Property Rights: Trademark protected.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: All types of organisations are suitable for partnership.

Specific area of activity of the partner: Partners from various sectors could use the products offered.

Task to be performed: The company is interested in a commercial agreement with technical assistance. The developer is ready to assist the partner in technology use and adoption.

Sprawdzanie kompatybilności w celu certyfikacji

Checking Compatibility For Certification

(Ref: 09 TR 98OB 3FIB)

Turecka firma specjalizująca się w oprogramowaniu opracowała sieciowe narzędzie programistyczne sprawdzające kompatybilność oraz odpowiedniość nowo opracowanych programów ze standardami obowiązującymi dla oprogramowania. Udziela ono również walidacji w przypadku, gdy wyprodukowany program spełnia standardy obowiązujące dla oprogramowania.

Spółka szuka partnerów zainteresowanych współpracą techniczną oraz umową handlową.

Not only consumable products but also software products have to be certified for standardization in today's world.

Especially the software programs have to be checked out for compatibility to certification of that software programme. The Turkish company has realised the inadequate situation and began to work on self checking system for the newly developed software programmes whether they are compatible to related certification systems or not. It invented a web based software tool that checks compatibility and suitability of newly developed software with the software standards. Shortly, this invented software determines if the new software product is compatible to related certification system or not.

This company is looking for companies who are interested to do technical cooperation and commercial agreement.

Innovations and advantages of the offer:

This web based tool is inserted to worldwide server so that the authorised users could reach from internet easily.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Engineering

Type of partner sought: companies, universities.

Specific area of activity of the partner: ICT.

Task to be performed by the partner sought: Further Development.

System do zarządzania i pakowania jabłek

Apples management and packaging system

(Ref: 08 IT 56Z5 0JEO)

Włoska spółka opracowała system do zarządzania i pakowania jabłek. Można go określić jako najwydajniejszy i najbardziej elastyczny system na rynku ze względu na nowe rozwiązania, jakie oferuje. Produkt ten należy do klasy oprogramowania przemysłowego zajmującego się zarządzaniem w zakładzie produkcyjnym oraz optymalizacją czynności produkcyjnych od złożenia zamówienia przez klienta do wysyłki gotowych produktów. Spółka szuka partnerów zainteresowanych współpracą techniczną i produkcją.

The company, which has been dealing with industrial automation for 25 years and can help in optimizing productive processes and provide every kind of advice in this regard, has developed the system Applemes. The new system is the result of a previous experience in the apple's field and gives more than other management software. For example, it can give reports of traceability and statistics on web pages without installing new programs on the pc. The acronym MES (manufacturing execution system) means that this product belongs to the industrial software class which deals with the management of productive plant. This special software is created to manage the optimization of productive activities from clients orders to the finished product consignment. The international standard ISA S95 consists of models and terminology which can be used to define this kind of system.

Innovations and advantages of the offer:

This special technology offers advantages at various levels:

- INFORMATICS: ASP can provide reports everywhere you are, XML can interface with every modern software, database SQL (among the most popular and powerful in the world) which guarantees the highest levels of data security and availability.
- NETWORKING Ethernet on every media (cable, fiber optic, wireless), PROFIBUS, DEVICENET.

- **HARDWARE SERVER** and industrial PLC which guarantee fast information, autonomic processes if the server is out of business, ability to modify cycles of machine.

Reasons to upgrade your establishment with Applemes:

- Gain time on every step of your productive process;
- Reduce the gap of time between client order and consignment;
- Minimize the time for data entering;
- Eliminate the most of papers in departments;
- Better efficiency for your machine;
- Personalization of packaging according to your necessities without additional costs;
- Consignment date and time estimated precisely;
- Focus on production costs.

Current and Potential Domain of Application:

Industrial software dealing with the management of productive plant.

Intellectual Property Rights: registered design, plant variety right.

Collaboration Type:

- Adaptation to specific needs
- New way to use an existing production line
- Technical consultancy
- Quality control

Type of partner sought: manufacturing industry, fruit industry, productive plant management.

Specific area of activity of the partner: fruit logistic management.

Task to be performed: customisation and technical assistance.

Walidacja audio i akustyczna, mechaniczna i środowiskowa oraz akredytowane laboratorium do testów EMC dla urządzeń konsumenckich, przenośnych komunikacyjnych oraz elektroniki motoryzacyjnej

Audio&Acoustics, Mechanical&Environmental Validation and accredited EMC Test Laboratory for consumer, mobile communication and automotive electronic devices

(Ref: 09 DE 0855 3F5M)

Niemiecka spółka świadczy usługi w dziedzinie produktów motoryzacyjnych, przenośnych urządzeń komunikacyjnych oraz elektronicznych produktów konsumenckich. Centrum do testów sprzętu audio testuje przenośne urządzenia komunikacyjne oraz zestawy głośnomówiące. Centrum do testów mechanicznych i środowiskowych analizuje produkty motoryzacyjne i konsumenckie wraz z symulacją ich okresu użytkowania. Laboratorium EMC skupia się na testach i certyfikacji przenośnych produktów komunikacyjnych.

Spółka poszukuje partnerów przemysłowych z branży audio oraz telekomunikacji motoryzacyjnej w celu nawiązania współpracy.

Test planning, -consulting, -execution, -reporting and failure analysis in the field of automotive and mobile communication products require a set of competences and equipment.

A German company provides these competences and offers engineering and validation services in the areas of audio & acoustics, mechanical & environmental testing and EMC (Electromagnetic Compatibility).

The company's laboratories are equipped with state of the art equipment for mobile terminals and mobile terminal accessories like head-set and hands-free devices.

The audio laboratory is equipped to carry out audio and acoustics measurements for all kind of mobile phone products, accessories and multimedia products in compliance with various international standards and network operator requirements.

Advanced speech quality evaluation and analysis, to optimize and validate products also under ambient noise conditions with reproducible noise simulation, can be provided.

The highly specialized car audio laboratory enables measurements at all kinds of car-hands-free communication and multimedia products, also complete with car noise simulation. Measurements according to VDA or

ITU-T P.1100 standard can be provided as well as subjective evaluation and analysis.

In the Environmental and Mechanical Validation Center different kinds of loadings can be applied like solar radiation, humidity, temperature, vibration, salt mist and thermal shock. These tests can simulate various ambience and life time.

The EMC Test Center is accredited regarding ISO 17025 and AEMCLRP (Ford requirements). It is equipped to perform almost all required EMC and radiated radio spectrum tests (R&TTE directive) for cellular mobile devices, Blue Tooth and WLAN products as well as consumer products. Furthermore the company is able to perform EMC tests required by vehicle manufactures for electrical subunits.

Innovations and advantages of the offer:

- Unique competence set which contains full validation chain for automotive telecommunication and terminal products.
- Operational labs with leading edge testing equipment.
- Accreditation experience: Electromagnetic Compatibility (EMC) laboratory according to ISO17025 and Automotive EMC Laboratory.
- Recognition Program (AEMCLRP).
- Testing competence in automotive EMC and audio testing.
- Competence in Bluetooth certifications and automotive regulations.

Current and Potential Domain of Application:

Product validation and testing capability within an audio test center, environmental validation center, failure analysis center and electromagnetic compatibility test center.

Field of audio, communication and automotive.

Collaboration Type:

- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Industry (Technical cooperation).

Specific area of activity of the partner: Audio, communication, automotive, consumer electronics (R&D, manufacturer, distributor).

Task to be performed by the partner sought: Offer of test assembling.

Collaboration Type: Failure analysis, analysis of test requirements and test planning.

Urządzenie do sterowania oświetleniem do inteligentnych systemów oświetlenia ulic

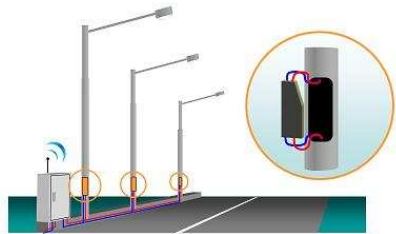
Distributed lighting control unit for intelligent street lighting systems

Ref: 09 IT 56Z4 3FSI)

Włoskie MŚP, działające od ponad 30 lat w branży przemysłowej oraz automatyki inżynierskiej, opracowało urządzenie elektroniczne do inteligentnych systemów oświetlenia ulic, umożliwiające stałe oszczędności energii oraz korzyści środowiskowe.

Spółka poszukuje producentów urządzeń oświetleniowych, zdalnego sterowania, systemów, urządzeń energooszczędnych itp. w celu zawarcia umowy licencyjnej oraz umowy handlowej wraz z wsparciem technicznym.

This technology offer regards a distributed (stand alone) electronic dimming ballast for street lighting management, consisting of an electronic auxiliary unit that provides the power, starts the lamp, stabilizes the voltage, and regulates the luminous flux. It currently works with HPS (High Pressure Sodium) lamps from 70W to 250W. The unit is

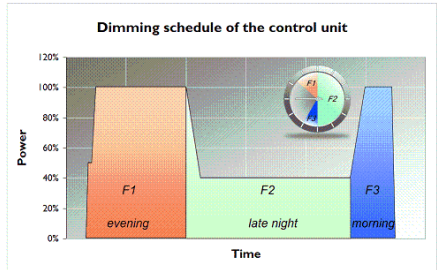


installed in each luminaire, up to a distance of 15m from the lamp. Voltage, current and waveform are controlled over frequency, so that the power factor at the nominal voltage of the lamp is $> 0,99$. The lamp is fed with stable power independently of main voltage (180-260 V). Thanks to the programmable CPU of the unit, every luminaire is self-governing, allowing for maximum set up flexibility. The device has no internal clock and uses an algorithm based on the duration of the night over the year to calculate the absolute time (no batteries required). Insulation rating class II. Units up to 150W can be installed directly inside the pole through the door, distant from detrimental heating sources. The unit comes up with an integrated data transfer system for the communication with a data logging unit. Evolution model is currently under development for higher lamp power (400W) and

different types of lamps (metal halides, low pressure sodium vapour, fluorescent bulbs).

Innovations and advantages of the offer:

This all-in-one system fully integrates and replaces the typical functions performed by ignitor, capacitor, ballast, and dimmer. Hence, new installations equipped with this system do not require any of the above mentioned devices, with consistent savings of money. As each luminaire can be



independently governed, this system complies with the latest standards for road-lighting. The main advantages of the presented device are: - gradual start-up with suppression of electrical transients; - stable operation with suppression of over- and undervoltages from main power supply (rated voltage: 180-260 Vac); - power factor correction at nominal power with $\cos(\phi)=0,996$; - power continuously regulated over the lamp life in order to compensate for intrinsic luminous decay of the bulb; - up to +30% higher illumination at equal apparent power compared to conventional ballast devices; - immediate restrike of the lamp after black-out (no cooling delay); - power can be raised again at the end of the night when the early car traffic begins; - dramatic reduction of installation costs thanks to easy wiring and programming; - extended lifetime of the lamp up to +40% and consistent reduction of maintenance costs; - different dimming levels, up to -60% of the rated lamp power; - product provided with CE marking;-compliant with the latest EU standards on electromagnetic compatibility.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- Joint further development
- Engineering

Type of partner sought: Industry.

Specific area of activity of the partner: Lighting and Automation.

Task to be performed: Commercial, manufacturing / assembling, integration with similar products.

Bezpieczna baza dla sprzętu do przetwarzania transakcji kartowych wraz z doczepianym modułem umożliwiającym realizację płatności kartą bezstykową i NFC

Secure Base for Card Transaction Processing Equipment With Clip-On Module Allowing Contactless Card and NFC Payments

(Ref: 09 GB 46P4 3FWB)

Szkockie MŚP opracowało modułowe rozwiązanie do stosowania w punkcie sprzedaży detalicznej. Zarówno fizycznie zabezpiecza ono sprzęt do przetwarzania transakcji kartowych, jak i umożliwia natychmiastową modernizację tego sprzętu, aby można było realizować nowe mechanizmy płatności, np. kartami bezstykowymi, czy telefonami komórkowymi wykorzystującymi technologię NFC. Spółka szuka partnerów do spółki oraz partnerów handlowych, którzy pomogą jej wprowadzić produkty na rynek oraz zapewnią pomoc techniczną pierwszego stopnia dla detalistów.

A Scottish SME has developed an innovative patent-pending product aimed at protecting existing investment in Card Transaction Processing Equipment for devices such as Chip & PIN (Personal Identification Number), PED (PIN Entry Device), EFTPoS (Electronic Funds Transfer at Point of Sale) or similar.



Existing investment is protected by providing (1) physical security for such devices and (2) a clip-on technology module for Card Transaction Processing Devices which allows retailers to benefit immediately from technology upgrades to enable support of new payment schemes and applications, for example payment by contactless card and NFC (Near Field Communications) enabled mobile phones.

The core product, a secure base for the Point of Sale device, allows any countertop card processing device to be physically secured on a mounting platform by lock and key. This means that as well as protecting the device

from usual wear and tear, it prevents these devices from being abused, stolen or being used to threaten or abuse staff.

The threat of these devices being stolen is of particular concern as stolen devices are often used by gangs to perpetrate card payment fraud. There are growing moves throughout the industry to ensure that retailers and their providers are taking adequate steps to physically secure these devices.



Once the basic product is in place, further technology modules can be added to provide support for new services and applications either independently from the existing card processing device or in concert with it. The first module is a contactless card reader, supporting payments by contactless card or NFC mobile phone.

The contactless card reader is attached to the existing Chip and PIN device and provides instant payment capability by contactless card or NFC enabled mobile phone.

The company's philosophy and product set have been developed from their long experience of the card payments industry and through wide consultation with industry stakeholders such as acquiring banks and transaction processors, major retailers and other service providers to the industry.

Innovations and advantages of the offer:

The secure base is universal. It is suitable for every Card Transaction Processing Device intended for countertop use.

It secures Card Transaction Processing Devices by lock and key. This means that the product is very secure when in normal use but can be easily released by authorised key-holders when necessary to service the device or to comply with Disability Discrimination requirements.

The contactless card reader provides a means of upgrading the Point of Sale ergonomically to accept payment by contactless card or NFC mobile phone without having to replace the existing Card Transaction Processing Device. Not only does this allow sunk investment to be retained

but it promotes vendor independence allowing the retailer to keep future technology upgrade options open.

The contactless card reader can either be driven by the remaining Card Transaction Processing Device or can be driven in tandem with the device by an EPOS (Electronic Point of Sale) device.

Current and Potential Domain of Application:

Product is ideal for countertop Point of Sale locations in retailers, leisure and tourism outlets.

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- Joint Venture Agreement
- Maintenance

Type of partner sought: Industry.

Specific area of activity of the partner:

- (1) Product and service distributors in Point of Sale and to general Retail.
- (2) Banks who provide EPOS devices and systems to retailers.
- (3) EPOS providers and systems integrators.
- (4) Or partner companies operating within the contactless payment ecosystem who could scope in the universal contactless card reader and secure base system to their POS and CTPE projects.

Task to be performed: Specify the use of the products or promote, sell and provide first level post-sales support and maintenance to the products throughout specified territories.

System do zarządzania szkoleniami i kursami

Learning Management System

(Ref: 09 GB 46P4 3FHG)

Szkockie MŚP opracowało rozbudowane rozwiązanie sieciowe do zarządzania szkoleniami i kursami (LMS), oferujące proste w użyciu narzędzia do zarządzania treścią, jak i możliwość importu treści kursu z innych źródeł. Słuchacze mogą pracować w grupach poprzez klipy wideo, internetowych seminariach (webinaria), wirtualnych klasach oraz dyskusjach szkoleniowych online, eMentoring, wirtualne spotkania biznesowe oraz zespoły badawcze (CoP).

Spółka szuka podmiotów odsprzedających oprogramowanie w celu licencjonowania oprogramowania lub zainteresowanych umową handlową wraz z wsparciem technicznym.

A Scottish SME has developed a fully proven robust Learning Management System (LMS) web solution. It offers the benefit of easy and effective delivery of in-house staff training courses and material, available 24 hours-a-day, 7 days-a-week. This allows staff to study at times most convenient to them, minimising disruption to your business.

Course content can be imported directly from other sources, or developed as required, and can include:

- Interactive activities.
- Forms.
- Workbooks.
- Offline guidance notes.

The products' simple content management facilities allow content to be changed or added as required, ensuring that training material is always fresh and up-to-date.

Courses presented within the product environment include self-help simulation tours, enabling staff to learn to use the system easily and unaided.

Benefits include:

- * Easy maintenance and updating.
- * Easy to use.
- * Flexible learning.
- * 24/7 availability.

HR Professionals state that Virtual Learning is the key to cutting training costs within organisations.

The Learning Management System (LMS) offers a fully integrated environment for easy maintenance of users and learning content, 24/7 availability, reporting features and creative environments to allow learners to work collaboratively through:

- Video Clips.
- Webinars of Key speakers.
- Virtual Classrooms.
- Online learning discussions.
- Workshops with guidance notes.
- Communities of Practice.
- eMentoring.
- Virtual Business Meetings.

Innovations and advantages of the offer:

Innovative Aspects:

The product is a simple to use modular Learning Management System providing on-demand user licenses.

Tools provided:

- * Users Workspace.
- * Resource Library.
- * Tutorial Support.
- * Practical Recording.
- * Integrated eAssessment System.
- * Integrated Community.
- * Integrated Evaluation.

Main Advantages:

With the rise of flexible working, and the aim to cut travel and environmental costs, virtual learning has emerged as an excellent method of reaching learners and improving employee productivity.

Providing a blended solution for presenter led training online. 39% of HR Professionals believe that this technology will allow them to save over a quarter of their training budget.

The LMS allows a company to meet its learners wherever they are based, where each learner sits at their own computer using a web-based application simply by entering through their LMS login.

Some of the benefits from meeting across the web can be calculated precisely, such as the cost of the time that would have been spent travelling and the direct costs of travel and accommodation.

Product is available with On-Site or On-Demand deployment options.

Current and Potential Domain of Application:

Private & Public Organisations such as: colleges; councils; business & offices; any organisation that promotes continuous learning of employees.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- License Agreement
- Technical consultancy

Type of partner sought: Industry.

Specific area of activity of the partner: Software reseller - English Speaking; Knowledge of Learning Enviroments; Knowledge of SCORM.

Task to be performed:

- Design.
- Consultancy.
- Learning Technologist.
- Instructional Design.
- Sales & Marketing.

Oprogramowanie do oglądania reklam w poszerzonej rzeczywistości 3D

Entering Into Advertisements With 3D Augmented Reality Software

(Ref: 09 TR 98OB 3FJ3)

Turecka firma działająca w branży przetwarzania obrazów oraz poszerzonej rzeczywistości (Augmented Reality) opracowała oprogramowanie poszerzonej rzeczywistości oparte na markerach. Dzięki temu oprogramowaniu, treść książki, plakatu lub broszury można oglądać jako trójwymiarową.

Spółka planuje adaptację przedmiotowego oprogramowania do celów e-learningu. Spółka jest gotowa na współpracę techniczną.

It is a known fact that visual contents are far more effective than written and audible contents at learning and promoting process.

The Turkish company has realized this issue and worked about marker based augmented reality with 3D modelled animation videos on screen. By the help of any kind of standard camera, 3D visuals are processed and animation views are seen on these processed 3D visuals.

The company is planning to adapt this software to e-learning area. It is looking for technical cooperation.

Innovations and advantages of the offer:

With this innovative software, augmented reality applications are carried out in mobile devices, pocket computers and mobile phones. The software produced by the company enables augmented reality applications to be carried out without the need for supplementary equipment by using the video cameras on these devices.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: companies and universities.

Specific area of activity of the partner: advertising and education.

Task to be performed by the partner sought: further development.

Outsourcing rozwiązań ICT

Outsourcing service for ICT solutions

(Ref: 09 SE 67BY 3FLO)

Szwedzkie MŚP oferuje usługi outsourcingowe technologii informatycznej i komunikacyjnej związane z badaniami i rozwojem. Oferta obejmuje kompetencje technologiczne, jak usługi informatyczne, półprzewodniki, sprzęt, usługi telekomunikacyjne i bezprzewodowe. Spółka może przejąć pełną odpowiedzialność za realizację projektów od fazy koncepcyjnej po wdrożenie.

Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

The Swedish SME offering a wide array of solutions and products for a range of key technologies as IT services, Semiconductor, Hardware, Telecom and Wireless as described below:

Information Technology Services - Application Development

Their software development team is highly qualified, specialized, experienced and skilled in a wide variety of programming languages including Java, Servlets, JSP, EJB, JDBC, Struts JSF, Hibernate, Spring, Web Services, .NET, SAP and many more.

Application development offer includes business solutions, e-business solutions and Custom Application Development.

Semiconductor and hardware

The company provide a wide variety of specialized skills in ASIC/SoC, analog and FPGA design; product engineering and production handling.

Telecom/wireless

Telecom services are for small to large telecom service providers in the wireless, VOIP, triple play (voice data TV). The technologies include PBX, IP PBX VoIP & systems, IP phone, wireless sensor network, digital tactical PBX, sms telephones, VoIP gateway, WLAN, private branch exchange & home security systems, wireless local loops, hybrid PABX systems, fiber (fibre) optical modems, DECT communication systems, MUX and access equipments.

They can take complete responsibility for implementing projects from concept to completion phase. If there already is a product going, they could be a part of developing it. They have exclusive developmental facilities for global players intending to outsource solutions. They are located at various

geographical locations with state-of-art facilities and infrastructure to provide solutions to clients.

The company is looking for commercial agreements including technical assistance with industry.

Innovations and advantages of the offer:

Access to wide range of competences resulting in high performance solutions at lower costs and minimum time to market, without lowering the quality. Have offices in India and HongKong which enables the cost effective development and production.

Collaboration Type:

- Engineering
- Technical consultancy
- Maintenance

Type of partner sought: Industry.

Specific area of activity of the partner: Information and Communication Technology RTD.

Task to be performed: Outsourcing and Onsite RTD activities.

Platforma Mobile Java (J2ME) do rozwoju mapowania

Mobile Java (J2ME) mapping development platform

(Ref: 08 EE 21C0 0JHE)

Estońskie MŚP, działające w branży komercjalizacji aplikacji mapowania do urządzeń przenośnych, poszukuje partnerów do współpracy. Spółka ta oferuje platformę do rozwoju mapowania Mobile Java (J2ME) dla firm tworzących oprogramowanie, a także usługi personalizacji dla klienta, integracji i wsparcia technicznego. Spółka jest zainteresowana sprzedażą i partnerstwem, w tym umowami na OEM, umowami z operatorami telefonii komórkowej, portalami oraz podmiotami dostarczającymi treści zależne od lokalizacji (np. dane map).

The application can be used as part of commercial Mobile Location-based Service (LBS) solution, as stand-alone service or an integrated add-on to other web/WAP/messaging based LBS applications.



Application examples:

- a) end-user location-based service as mobile operator's service, as extension to mobile positioning, mobile mapping, friendfinder, buddyfinder, childfinder and fleet management LBS services.
- b) B2B location-based services: rich mobile interface for workforce management system, for mobile fleet managers and fleet control.

Innovations and advantages of the offer:

The product has many advantages and innovations, including:

- Independent from mapping service and content providers: supports for many different map sources, including user-defined open map and overlay content (POI) sources;
- available as open-source solution;
- support for both off-line and on-line maps;
- integration possibility with customer existing services and databases;
- support for mobile network-based mobile positioning (MLC/MPS solutions) for self-positioning and buddy positioning;
- support for integrated and external (Bluetooth) GPS devices;
- user-friendly and stable software, supports many different J2ME devices;
- supports basic mobile navigation (routing), geocoding and KML data sources for points of interest overlays.

Current and Potential Domain of Application:

The application can be used by:

- mobile Java developers – about 1.000.000 developers globally;
- local on-line mapping service providers - up to 500 globally;
- on-line interactive service providers with relevant location component (e.g. site locations, social network member locations, traffic data, on-field mapping etc.) – thousands of services globally, most of them in USA;
- mobile operators – about 200 globally. Focus of the Estonian company is on small/medium size operators;
- other service/application developers and providers, which have relevant location component in the business. It is estimated that at least 40% of all

databases have location component included; if they need mobile client to use the data, then the solution by the Estonian company would be helpful.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Financial Resources
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Mobile Java Software developers, service providers, investors.

Specific area of activity of the partner: Fleet Management / logistics solutions, location-based solutions, investments.

Task to be performed:

1. Licensing and commercial agreements with mobile software developers, mobile operators, mobile service providers and LBS solution providers;
2. Licensing and/or joint venture projects with mapping content providers,
3. Investments for further development of the application.

Nowe Systemy Informacji Geograficznej z zaawansowanym oprogramowaniem do określania pozycji wg GPS

New Geographical Information Systems with GPS advanced positioning software developments

(Ref: 09 ES 27F3 3FIT)

Hiszpańska spółka opracowała platformę sieciową GIS/GPS opartą na systemach pozycjonowania zdolnych do zintegrowania jej z systemem ERP i oprogramowaniem administracyjnym. Ten innowacyjny produkt stanowi zaawansowane rozwiązanie oprogramowania do mapowania, umożliwiające pozycjonowanie geograficzne dowolnego obiektu w kontekście geoprzestrzennym. Spółka poszukuje partnerów do współpracy technicznej w celu zintegrowania tych rozwiązań z szczególnymi potrzebami klienta,

a także do umów handlowych wraz ze wsparciem technicznym, dotyczących wdrożenia tych rozwiązań w nowych aplikacjach.

A Spanish company develops custom tailor-made Geographical Information System applications applied to specific requirements such as GPS fleet control, utility networks (water, electrical, etc.), generating map programs for industrial parks, control of agricultural associations, or any specific requirement that involves a GIS.

This GIS Web development based on environments is able to distribute information processing for geographically dispersed companies and organisations. This type of architecture can be adapted to both Intranet and Internet processing environments, and it is able to provide raster-based maps and personalised vectorial data in order to situate personal data into a geographical layer.

The main advantages are the use of Internet SOAP (Simple Object Access Protocol) services protocol, which allows easy integration with already existing software, reducing costs and lead times, as well as advanced Java-based back-end as a reliable and robust solution.

The company, composed of expertise people on topography and information technologies, permits to give the best of both worlds and has led to look for companies' requirements as hardware solution providers in advanced GPS-Mobile devices with two-way communications in order to provision GPS, alarm and sensor capabilities with this software.

Innovations and advantages of the offer:

The tracking system implementation uses 2nd-generation Web-based AJAX (Asynchronous JavaScript and XML) front-end, which communicates with back-end SOAP servers interacting with Java application services, in order to give reliable GPS-GIS positioning with multi-object tracking capabilities and real-time updates.

The great advantage of Web-based SOAP services is the capability of interaction of the system with many types of servers (maps, databases, SOAP services, HTTP, IIS - Internet Information Server and Java EJB - Enterprise JavaBeans servers).

This permits unified distributed processing and integration with already existing software, and a wide variety of GIS clients such as mobile devices, traditional desktop clients, and Web-based clients.

Current and Potential Domain of Application:

GIS/GPS mobility control of mobile workers, shipping, livestock, persons, etc

Collaboration Type:

- License Agreement

Type of partner sought: Manufacturer of GPS/cell phone mobile communications devices with two-way communication as a complement to the company's software application.

Specific area of activity of the partner: Electronics manufacturing.

Task to be performed:

- * Technical co-operation: Combining technologies for joint offering to end customers.
- * Commercial agreement: Development tools, technical support, manufacturing support and end products.
- * License agreement: License to use the development tools.

Połączenie telefonu, e-maila i sieci w skuteczną i innowacyjną platformę telekonferencyjną

Combining phone, email and web into an effective and innovative telewebconferencing platform

(Ref: 09 BE 0315 3FJ1)

Belgijskie MŚP opracowało innowacyjne ramy do przeprowadzania telekonferencji. Innowacja ta otwiera nowe możliwości dla firm głównie z branży telekomunikacyjnej, umożliwiając im rozwój spersonalizowanych wirtualnych aplikacji do prowadzenia spotkań w szybszy i łatwiejszy sposób.

Poszukuje się partnerów do umów licencyjnych, współpracy technicznej i lub umowy handlowej.

A young Belgian company established in 2008 has developed a web-based conferencing tool using phone or mobile as voice channels, Internet as image or data channel. Email can also be used channel for providing access keys to the conference. This tool allows to organize "virtual" meetings between up to 25 people without any specific equipment and without installation of a specific software on the computer. One of the innovations of the solution lies into the use of « classical » phone or mobile as voice channel in order to guarantee the quality of communication.

This solution is available either as a final ready-to-use product or as an OEM (Original Equipment Manufacturer) module customized for client-owned applications and brand logo.

Innovations and advantages of the offer:

The application has been designed with the objective to make sure that virtual meetings resemble normal meetings as much as possible in their approach and execution and, secondly, to make access to the service as easy as possible by eliminating as many technical barriers as possible. Much emphasis has therefore been put on the ergonomics of the end-user interface. No knowledge of computing or computer technology is required to participate in a session.

The telewebconferencing platform is operated through the Internet and therefore without any prior installation of software nor specific IT device. The platform offers what it is called « double channel quality » : phone or mobile for audio and web for the visuals. It allows an effective collaboration with CD quality 20 kHz audio without noises, freezing, hollow sound or other phenomena typical of VoIP. It allows also to make a good use of the Internet bandwidth for the transfer of supporting visual information (presentation or notes or the sharing of desktop). The conference bridge is open source based using the asterisk suite. It involves a multi-language tool.

Meetings are fully secured with individual meeting numbers and PIN codes that only the participants to meeting have access to. Meetings are open only for the duration of the meeting so no one can stay in any longer than the chairman of the meeting. With 256 bit SSL encryption of the data exchange between the computers of the participants of the meeting and the central server there is no way that any of the information that is shared in a meeting will fall into the hands of others.

Current and Potential Domain of Application:

The telewebconferencing platform has been designed for hosting virtual meetings. So it well adapted for business meeting of any kind but also for specific applications as e-learning.

Company developpement efforts are put to expand the use of applications to mobile devices like PDAs but also to adapt the application tools and ergonomomy to specific niche markets which could be geographic or linked to specific businesses.

Intellectual Property Rights: Copyright(s) registered.

Collaboration Type:

- License Agreement
- Testing of new applications
- Adaptation to specific needs
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: Companies integrating the telewebconferencing platform in their products are sought. The Belgian company could furnish ready-to-use or customizable infrastructure and share its expertise to support the partner in his new products' development. The partner must have a first experience with telecom tools.

Specific area of activity of the partner: The desired partner should be active in the Telecom world.

Task to be performed by the partner sought: The collaboration between partners could be organized as follows. The Belgian SME would provide the support to transfer its know-how on developing efficient telewebconferencing tools. From its side, the partner would pick up specific needs from targeted market in order to adapt the application. The partners will develop specific tools required to obtain a novel product ready to launch on the market. Moreover, the partner should ensure commercialisation and support.

Wstępne opracowanie danych RFID przed ich archiwizacją ***Pre-processing Of RFID Data Before Storage***

(Ref: 09 TR 98OB 3FIQ)

Turecka spółka pracująca nad technologią RFID opracowała oprogramowanie pośredniczące do wstępnego przetwarzania danych RFID. Kontroluje ono bezpieczeństwo, przetwarza dane zgodnie z potrzebami użytkownika i wysyła je do systemu komputerowego. Spółka jest gotowa do współpracy technicznej oraz zawiera umowę handlowej wraz z wsparciem technicznym i/lub umowy spółki.

Nowadays, radio frequency identification RFID technology is highly preferred data collecting system all around the world. This technology does not require line-of-sight to transfer data and it is very effective in harsh environments where bar code labels do not work.

RFID is the use of an object (typically referred to as an RFID tag) applied to or incorporated into a product, animal, or person for the purpose of identification and tracking using radio waves. RFID technology uses these tags that are attached to objects in order to transmit data to an RFID receiver.

A Turkish company that is working on RFID technologies has realised security and data processing deficiency in this technology. It has developed pre-processing system for raw RFID data. Before transferring raw data to the RFID receiver by help of RFID tags, it is firstly sent to this invented RFID middle ware technology. This technology controls the security, processes the data according to customer needs and sends it to computer system.

The Turkish company is interested in technical cooperation, commercial agreement with technical support and/or joint venture agreements.

Innovations and advantages of the offer:

The raw data that is collected by RFID system is pre-processed and checked out for security before storing in computers by the help of RFID middle ware. The user takes statistical data according to his needs, controls the safety of computer systems without spending extra time and money.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: Companies and Universities.

Specific area of activity of the partner: RFID and ICT.

Task to be performed by the partner sought: further development.

Platforma oprogramowania do tworzenia interaktywnych narzędzi dashboard do analityki biznesowej

Software platform for creating interactive business intelligence dashboards

(Ref: 09 TR 98OB 3FKN)

Turecka spółka wyprodukowała zestaw narzędzi dynamicznego dashboardu, zapewniającego niezależną platformę dla przeglądarek / baz danych w celu tworzenia widżetów opartych na technologii przenieść i opuścić ajax oraz dashboardów cyfrowych z wykorzystaniem Asp.Net.

Spółka jest gotowa do współpracy technicznej oraz zawiera umowy handlowej wraz z wsparciem technicznym i/lub umowy spółki.

The current traditional dashboarding solutions only address reporting and data visualization requirements. A software development company is limited to the features provided by the dashboard solution vendor. They usually do not support dragging, automatic refreshing and customization of end user.

A Turkish company produced a dynamic dashboard toolkit. This developed dynamic dashboard provides to integrate digital dynamic dashboards into Asp.Net web application with full ajax and partial rendering support. Simple and powerful architecture of the framework allows developers to create ready to use dashboards for their users / customers or authorize them to create their own dashboards.

This company has realised that this toolkit could be used not only statistical or mathematical areas but also e-learning, marketing areas according to further development scenarios.

Target audience of this product is “software development companies who want to add digital dashboards and widgets (like iGoggle) into their application software”.

This company is ready to do technical cooperation, commercial agreement with technical support and/or joint venture agreements.

Innovations and advantages of the offer:

This dynamic dashboard toolkit is independent from browser and database. It supports all browsers and can use any database to store metadata.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: companies.

Specific area of activity of the partner: ICT, statistics, mathematics.

Task to be performed by the partner sought: further development.

Platforma dla usług telefonii komórkowej umożliwiająca skuteczne tworzenie, realizację i zarządzanie usługami i aplikacjami

Mobile Telecoms Service Platform enabling efficient creation, delivery and management of services and applications

(Ref: 09 GB 46P4 3FET)

Szkocki oddział międzynarodowej firmy opracował otwartą, modułową platformę do realizacji usług nowej generacji, którą można łatwo rozszerzać, zbudowaną na zasadach architektury zorientowanej na usługi (SOA) i zaprojektowaną w celu umożliwienia szybkiego tworzenia nowych aplikacji sieciowych do urządzeń przenośnych, w pakiecie usług, przez cały ich okres użytkowania.

Spółka jest zainteresowana licencjonowaniem oraz umowami technicznymi z operatorami sieci komórkowych, operatorami wirtualnej sieci komórkowej oraz integratorami systemów.

The Scottish based operation of an international company has developed an open, modular, highly extensible Next Generation Service Delivery platform, built on Service Oriented Architecture principles and designed to enable rapid creation of new network based mobile applications, packaged as services, throughout their lifecycle.

The ability for operators and service providers to meet customer demands can be limited by today's rigid network and IT infrastructures, which are often very complex and made up of proprietary network-based switching equipment. This Microsoft based platform overcomes such limitations, providing open and secure access to mobile network functionality and autonomous software processes. It has an application layer which is independent of the underlying infrastructure

The platform supports Signaling System 7 (SS7) (C7) and Session Initiation Protocol (SIP) (IP) call control for, amongst others, OSA(Open Service Access)/Parlay interfaces and the latest generation of application servers. It can host applications for heterogeneous environments comprising fixed, mobile, cable, ATM and IP networks. It is truly open and flexible allowing third-party applications to connect to it by means of open APIs.

The platform is feature rich with key functionality including:

- Common Telecom Layer –allowing connection to various operators at same time, enabling service providers to offer unique services independent of underlying infrastructure.
- Real time revenue enhancers – eg Automatic least cost routing, quality based routing, margin based routing. real time cost/revenue/profit analysis, bandwidth management.
- Multimodal technology support – supporting fixed, wireless, internet, VoIP and ATM communications. The Service Gateway supports a heterogeneous network environment.
- Value added services – enables value added services to be integrated into single environment; prepaid, postpaid, find-me follow-me, advanced number translation services, number portability, IP centre, voice mail, click2dial, - -- Fixed/ Mobile Convergence (FMC) etc.
- Self-care – account management for customers at all level of telecoms value chain.
- Provisioning – user friendly administration interface.
- Rating- Billing –Invoice - Automation of rating, billing, invoicing process, including import/export of data to relevant systems eg Electronic Bill.
- Presentation and Payment systems. Itemised bills in a variety of languages/currencies.
- Number Translation Services.
- Fixed/Mobile Convergence – one personal number for voice and fax.

Innovations and advantages of the offer:

The platform provides open and secure access to mobile network functionality and autonomous software processes. It overcomes the limitations posed by current IT and network infrastructures which are often complex and made up of proprietary network-based switching equipment.

It provides full management of all telecom services from rating and billing to value added services such as number portability.

Enables endless opportunities for products and services which combine network capabilities of presence, mobility, location and telephony.

Enables service providers to minimise time to market for new products and services.

Current and Potential Domain of Application:

This technology is aimed at the telecoms market – mobile network operators (MNOs), mobile virtual network operators (MVNOs), service providers offering a range of products and services to both business and consumer markets.

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- License Agreement
- Adaptation to specific needs

Type of partner sought:

Industry:

1. Mobile Network Operators (MNOs).
2. Mobile Virtual Network Operators (MVNOs).
3. Other telecommunication service providers.
4. System Integrators.

Specific area of activity of the partner: The Scottish company will license the technology to partner. They will provide all relevant technical information, training and support depending on agreed terms of licensing.

Task to be performed by the partner sought:

1. and 2. license technology.
3. and 4. Resell license to MNO/MVNO. May also include hosting solution, providing technical documentation, training and support, depending on terms of license.

Lekkie dodatki przewodzące oparte na pustych w środku mikrosferach szklanych pokrytych srebrem

Lightweight conductive fillers based on hollow glass microspheres coated with silver

(Ref: 09 GB 46P4 3FH7)

Szkockie MŚP opracowało wyjątkową gamę lekkich dodatków przewodzących opartych na pustych w środku mikrosferach szklanych pokrytych srebrem, co umożliwia rozprzestrzenianie się ładunków elektrycznych i ekranowanie interferencji elektromagnetycznych (EMI).

Spółka jest zainteresowana umową o współpracy technicznej, umową spółki i umową w sprawie produkcji z partnerami przemysłowymi w branży lotniczej i kosmicznej, obronności, motoryzacyjnej, telekomunikacyjnej oraz elektronicznej.

A Scottish SME has developed a unique range of lightweight conductive fillers based on hollow glass microspheres coated with silver.

When incorporated into paints, adhesives and composites, the silver coated particles enable these materials to conduct electricity which means they will dissipate electrostatic charge and shield against electromagnetic interference (EMI).

At the particle loadings required to produce these effects, the high density of traditional metal fillers contributes significantly to the overall weight of the component or coating, which is of particular concern in aerospace applications, for example.

The low particle densities of the hollow microsphere products enable materials to offer similar EMI shielding performance but with a significant weight saving.

The company is able to tailor the size, density, strength and conductivity of the silver coated hollow glass microspheres to produce a product that meets the requirements of a specific application.

Innovations and advantages of the offer:

The products offered are innovative because the individual properties of the silver coated hollow glass microspheres, such as size, density,

strength and conductivity can be manipulated using the company's know-how to produce materials that are suitable for particular applications.

The advantage over conventional metal fillers for conductive materials is the very low density which results in significantly lighter coatings and components. This is particular of benefit in aerospace applications.

Current and Potential Domain of Application:

The main markets are aerospace and defence where high performance EMI shielding performance is required but weight-saving is also a significant consideration.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- Adaptation to specific needs
- Transfer of knowledge in new raw materials

Type of partner sought: Industry.

Specific area of activity of the partner: Ideally should have access to and appreciation of aerospace/defence/hi-tech markets.

Task to be performed by the partner sought:

Assessment of conductive particulates in current and new products.
Establish target specifications for non-standard conductive materials through iterative testing.
Incorporation of conductive particulates into new product development lines.

Kompleksowe rozwiązanie dla wizerunku mobilnego zapewniające wartość dodaną usług rozpoznawania stanu i bieżącej lokalizacji użytkownika

End to End Mobile Presence Solution enabling value added state and location aware services

(Ref: 09 GB 46P4 3FEU)

Szkocki oddział międzynarodowej formy opracowujący zaawansowane oprogramowanie Mobile 2.0 dla sieci telekomunikacyjnych stworzył kompleksowe rozwiązanie dla wizerunku mobilnego oparte na własnej technologii rozpoznawania bieżącej lokalizacji użytkownika, która oczekuje na patent. Rozwiązanie to umożliwia szybkie wdrożenie usług kontekstowych i lokalizacyjnych. Spółka jest zainteresowana licencjonowaniem oraz umowami współpracy technicznej z operatorami sieci komórkowych oraz integratorami systemów.

The Scottish based operation of an international company who develops advanced Mobile 2.0 software for telecoms networks has developed an end to end mobile presence solution based on proprietary patent pending location technology.

Services based on a user's state and location are some of the most powerful means to personalise a customer's experience and are already presenting significant revenue opportunities to mobile operators.

This software solution is based on an open architecture with flexible Application Programming Interfaces (API's), making it easy for any web based service to benefit from location and state awareness.

Using a client application installed on the SIM (subscriber identity module) or directly on the handset, it provides the continuous, intelligent, capture, combination and categorization of geo-spatial location, status and connectivity data relating to mobile subscribers. The accuracy is significantly better than Cell ID and has many advantages over GPS for mobile consumers.

This network independent software based solution offers the additional advantage of near ubiquity across all mobile devices.

Potential applications enabled by the solution include fleet tracking and family or friend finders through to advertising, social networks, content delivery services and intelligent call control.

Innovations and advantages of the offer:

The solution is based on the company's proprietary patent pending location technology. The technology provides superior accuracy continuous location updates for mobile subscribers using a client application installed on SIM card or directly on mobile handset.

The client application collects network data directly from the handset and communicates with the remote server using IP, SMS or any data transfer method that the operator supports.

The server applies complex algorithms to calculate the handset location. Accuracy is continually improved as the server learns intelligently and can also recognise changes in the operator's network.

Benefits include:

- Location accuracy superior to Cell ID.
- Overcomes key constraints that GPS presents for the mobile user (e.g. lack of ubiquity, indoor limitations, high power consumption, etc.).
- Enables rapid deployment of web based location/context aware services.
- Modular open architecture.
- Sim based solution offering near ubiquity across devices.
- Highly scalable network independent software solution.

Current and Potential Domain of Application:

Mobile telecoms network.

Business and consumer applications relating to location and context e.g. tracking through to advertising, social networks, content delivery services and intelligent call control

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- License Agreement
- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Industry:

1. Mobile Network Operators (MNOs),
2. Mobile Virtual Network Operators (MVNOs),
3. System Integrators.

Specific area of activity of the partner:

The Scottish company will license the technology to partner. They will provide all relevant technical information, training and support depending on agreed terms of licensing.

Task to be performed by the partner sought:

1. and 2. license technology.
3. Resell license to MNO/MVNO. May also include hosting solution, provide technical documentation, training and support, depending on terms of license.

Wielokanałowy system informacji

Multichannel information system

(Ref: 09 ES 27F4 3ET6)

Hiszpańskie MŚP opracowało innowacyjne rozwiązanie działające jako wielokanałowy system informacji dla obywateli, z wykorzystaniem SMS, e-maila, faksu itp. Aplikacja ta może dostarczać spersonalizowane informacje dla obywateli na temat imprez w kręgu zainteresowania użytkownika, jakie mają miejsce w miejscowej radzie gminnej lub miasta, w zależności od preferencji. Może ona być ustawiona do obsługi kilku rad miasta. Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

The tool developed by the Spanish SME is a technological application to provide customised information to citizens about events of interest taking place in the locality or town council and according to the preferences shown.

The tool can be set to be run by different town councils or by different departments in a council with a total independence of data.

The tool makes possible the connection and communication with other data bases.

This innovative solution can generate reports and export information to other formats (Excel, Pdf, Word, Access).It allows other computer systems to send through it information by SMS or fax. Reports and messages can be scheduled to be sent.

Innovations and advantages of the offer:

- Direct channel with citizen.
- Expenditure control.
- Strategic Management of Information.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- License Agreement
- Adaptation to specific needs
- Assembly
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: SME.

Specific area of activity of the partner: Telecomunicacions, Mobile Technologies, Mobility Applications.

Task to be performed by the partner sought: The partner sought should provide technical assistance to the target users and adaption to specific needs (language, for example). Contribution to market exploitation would be valuable. Partners for a License Agreement are also welcome.

Oprogramowanie do przetwarzania obrazów do zastosowań śledczych, medycyny sądowej i ochrony

Image processing software designed for investigative, forensic and security applications

(Ref: 09 IT 56Z6 3F48)

Włoskie MŚP specjalizujące się w rozwoju oprogramowania i usługach związanych z przetwarzaniem danych, z szczególnym uwzględnieniem przetwarzania obrazów i plików wideo, oferuje oprogramowanie do przetwarzania obrazu przeznaczone do zastosowań śledczych, medycyny sądowej i ochrony.

Spółka szuka partnerów do współpracy zarówno handlowej, jak i technicznej.

Italian SME specialised in software development and services for data processing, with particular regards to image and video processing offers

an image processing software designed for investigative, forensic and security applications. Its primary purpose is to provide a complete and unique solution to process and analyze digital images and video data in a simple, fast and easy way. The software provides a workflow that is safe and compatible with courtroom needs. In fact, it has been developed in cooperation with several institutions specialized in scientific investigations and experienced university researchers.

Thanks to its revolutionary technology, the software allows investigators to solve a wide range of problems which are otherwise hard to be faced; it dramatically reduces the time required to process data and improves the success rate of the treated cases, from the restoration of low quality CCTV (Closed Circuit TeleVision) video to fingerprint analysis. In particular it improves overexposed or underexposed areas with contrast enhancement; it plays and processes correctly interlaced video; it is able to extract and enhances fingerprints traces and it corrects damaged VHS and restores footage taken in low light conditions and corrects blur of moving subjects. The company is interested in technical cooperation as well as commercial agreements.

Innovations and advantages of the offer:

It is easier because:

- most operations done through drag and drop; list of all functionalities always on screen; it runs on standard PCs with Windows; it has advanced graphical user interface.

It is faster because: it uses optimized image processing algorithms; everything is done in real-time; all needed functions are collected in a single piece of software; you can always modify any parameter of any operation in any order and directly see the result.

Furthermore it combines both classical and latest state-of-the-art; it loads many image and video formats, most of them without the need to have the codec installed on the system; it works in the same way with single images, sequences of pictures or videos; it is targeted to any type of data, from CCTV, recordings to crime scene photos or fingerprint enhancement. The software is research-driven but user-oriented.

Last but not the least, it is safer than other available softwares because: it offers file authentication to detect unallowed modifications, complete Exif data visualization; project files contain a sequence of operations to be applied to original data, which are never overwritten; every time the processing starts from original data, to avoid any loss of quality; automatic report generation is provided, including the sequence of all

operations applied to all files, the employed parameters and a detailed description of their usage and implementation.

It works with any kind of images and videos; it is provided with a wide range of filters (currently about 50).

It offers real time processing and modification of filters, even during playback.

It optimized performance and generates automatic reporting.

It ensures high level performance in image quality restauration.

Current and Potential Domain of Application:

Current application areas: forensic, intelligence, security.

Potential application areas: scientific image processing (i.e. biomedical, astronomy, biology), multimedia restoration (i.e. old movies, low quality devices) as well as scientific imaging and mass media.

Intellectual Property Rights: Copyright(s) registered.

Collaboration Type:

- Adaptation to specific needs
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: public authorities, commercial partners.

Specific area of activity of the partner: law enforcement, intelligence, military, security.

Task to be performed by the partner sought: adopt the software adapted to its specific needs.

System antywłamaniowy dla różnych rodzajów pojazdów, w tym łodzi

Anti-theft system for different types of vehicles including boats

(Ref: 09 GR 49R2 3F1A)

Grecka spółka działająca w branży elektronicznej oferuje system antywłamaniowy odpowiedni dla różnych rodzajów pojazdów, w tym dla samochodów osobowych, autokarów, motocykli i łodzi. System wyróżnia się swoją niezawodnością, gdyż prawie niemożliwe jest jego złamanie po zainstalowaniu w pojeździe. Dostarczany jest w różnych konfiguracjach odpowiadających specjalnym wymogom pojazdu. Poszukuje się partnerów OEM i integratorów systemów do umowy handlowej ze wsparciem technicznym.

In automobile industry, there is always a trend for even safer equipment to prevent from theft. Various systems based on RFID (Radio Frequency IDentification) technology, such as car alarms, immobilizers, pagers and satellite systems developed the past decade, however, car theft statistics are increasing year by year. In response, the system employs a new solution based on a touch memory technology which is suitable for various types of vehicles (i.e. passenger cars, light and heavy commercial vehicles, buses and coaches), including motorcycles and boats.



The anti-theft system is automatically initiated through the switching-off of the car engine. Ten seconds after one turns the car engine off, the red led is automatically lit up to show that the system is working. As long as the red led is lit, the car cannot be moved if the owner does not put the specific key that deactivates the system on the reader and the red led is off. The 10 sec delay for the system's activation is given for the following reason: if while starting the car, the engine is off, or if the car engine doesn't start at the first time, putting the key on the reader is not needed. Every time the driver turns the engine switch the time count restarts again, so if the engine does not start at first time, the driver is able to try as many times as he/she wishes.

The owner of the car deactivates the system via a coded touch switch (touch memory) or a magnetic card provided. Then a green Led lamp indicates the initiation of the car engine, which is normally functioning when the handbrake is up and instantaneously stopping operating when the hand brake is down; the same applies even if the brake is pressed once. In these cases, the engine stops and remains in inoperative condition since the current of the gasoline pump and engine starter is cut off. In addition, the two leds remain lit indicating that someone tried to steal the vehicle using another key.

In case the engine is on, the driver has the option to leave the car without risking its safety. The car remains safe given that the system has been activated before the driver gets out the vehicle. The anti-theft system may be used in automotive and maritime industry.

Innovations and advantages of the offer:

- It is suitable for various types of vehicles,
- easy to use,
- easy to install,
- compatible with alarm systems, immobilizers
- provides the driver with the option of leaving the car while the engine is on, without risking its safety,
- no energy consumption when the engine is off,



- the un-installation of the system is time-consuming enough for avoiding any potential attack. The underlying technology (i.e. touch memory) is difficult to be forced. In contrast, competitive technologies, which are based on frequency identification/tracking of radio waves through the air, seem more vulnerable against “frequency tapping”.

Current and Potential Domain of Application:

The anti-theft system is suitable for various types of vehicles including cars, coaches, motorcycles and boats.

Intellectual Property Rights: Patent(s) granted.

Collaboration Type:

- License Agreement
- Technical consultancy

Type of partner sought: industry.

Specific area of activity of the partner: OEM partners and system integrators active in automotive industry.

Task to be performed by the partner sought: Commercial agreement with OEM partners and system integrators in order to deploy the system with the technical consultancy of the proposer.

Nowe rozwiązanie programowe do zarządzania telefonami (MDM)

New Mobile Device Management solution (MDM)

(Ref: 09 ES 27F3 3F4J)

Hiszpańska spółka specjalizująca się w rozwiązaniach informatycznych dla firm opracowała kompleksowy system do zarządzania telefonami (MDM) skierowany do MŚP o znacznej liczbie telefonów komórkowych i ich użytkowników.

Spółka poszukuje firm pragnących przejąć kontrolę nad swoimi telefonami komórkowymi oraz kosztami operacyjnymi, lub dystrybutorów telefonów komórkowych zainteresowanych oferowaniem takiego rozwiązania swoim klientom, a także partnerów do współpracy technicznej i umowy handlowej ze wsparciem technicznym.

MDM is a comprehensive management system for mobile devices, phone lines and all related expenses. The deploying organization benefits from complete control over: - devices and telecom lines - users and device assignments - expense management - incident management - inventory management - procurement management.

Mobile devices are critical elements in today's enterprises, enhancing productivity and enabling fast information interchange. This leads to service charges, cost of acquisition, management and maintenance becoming one of the top components of operating expenses at organizations. Managing mobile devices and related information on a daily basis is a challenging endeavor at modern enterprises with a substantial amount of mobile device assets.

MDM allows to control expenses, efficiently manage all mobile device resources and increase savings: * Optimize mobile telecommunications management. * Control expenses related to people, lines and devices. * Reduce costs by controlling excess expenses and misuse. * Maximize the benefits of mobile device investments: avoid excess acquisition, control

unnecessary renewals, identify and benefit from more reliable brands and models, ...

Innovations and advantages of the offer:

With fully customized systems that focus on bringing real benefits to enterprises, the company has successfully deployed their solutions in large and medium sized organizations, providing substantial performance improvement in the areas of application.

Collaboration Type:

- Assembly
- Engineering
- Technical consultancy

Type of partner sought: Industrial, Manufacturer.

Specific area of activity of the partner: Motors, sensors, mechatronics, electronics...

Task to be performed by the partner sought: Design, realization, production and new concepts.

Technologia mielenia fotochemicznego do produkcji obiektów precyzyjnych

Photo Chemical milling technology to produce high precision objects

(Ref: 09 IT 54V7 3ESC)

Włoskie MŚP oferuje proces mielenia fotochemicznego do różnych zastosowań. Proces obejmuje kontrolowane usunięcie cząstek metalowych poprzez rozwiązania łączące w sobie działanie chemiczne i fizyczne. Jest to szczególnie dogodne w przypadku obiektów bardzo precyzyjnych o skomplikowanej geometrii, przy czym rozwiązanie to może być stosowane do szerokiej gamy metali i stopów o dużej skali grubości.

Przedsiębiorstwo poszukuje partnera przemysłowego lub ośrodków badawczych produkujących lub wykorzystujących komponenty precyzyjne.

The company, founded in 1970, was the first Italian company to develop the process of photo chemical milling for the application in several markets

as Eyewear, Telecom, Aerospace, Automotive, Medical, Consumer electronic, Micromechanics, Micro fluidics.

Photo chemical milling is a high technology process which basically consists of controlled removal of metal particles through solutions with a combined chemical and physical action. This process is particularly convenient in the case of high precision, complex geometry objects, and can be used for a wide range of metal and alloys, with a broad scale of thicknesses. Tolerances can be as tight as a few tens micron.

The company has also a laser micro cutting production line: with this technology extremely high precision parts can be achieved with tolerances down to 10 microns on thicknesses from 0,050 to 0,800mm. Apertures of thin as 20 microns can be easily achieved.

The company can assist and support customers from a drawing, a sketch or a sample, through the choice or suggestion of the right material. They have also a wide range of raw materials always available from stock, to the production of first prototypes or mass production of complex flat metal parts, some application examples are EMI / RFI shielding enclosures, board level interconnections and cans, contacts, springs, gaskets, washers, shims, leas frames, antennas, contact strips, heat sinks, bus burs, part of filters, meshes, identification plaques, stepped lids, scalpels and surgical blades, flat stents, stencils, ornamental parts, front and temples for eyewear, drive belt, injection plates, and many more.

Innovations and advantages of the offer:

To use photo chemical milling fast prototyping is always possible whatever the geometry of the part.

The cost of the part does not increase with complexity.

Delivery time is much faster than any competing technology, tooling costs are very low, the manufacturing process does not affect the material, whole molecular structure remains the same: parts are burr free, temper and magnetic properties remain unaltered, no strain or stress are generated.

Techniques as half etched bend lines facilitate complex hand forming of parts, saving the cost of hard tooling. Marking can be integrated with no extra cost.

The company offers complete service and support: parts can be delivered just etched or with any surface treatment, bent or formed to achieve the final 3D shape; any surface galvanic treatment, painting, coating, can be supplied at request and customers are assisted throughout the entire cycle.

Current and Potential Domain of Application:

Eyewear, Telecom, Aerospace, Automotive, Medical, Consumer electronic, Micromechanics, Micro fluidics.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Transfer of knowledge in new raw materials
- New way to use an existing production line
- Assembly

Type of partner sought: Industry; Research centres.

Specific area of activity of the partner: Production/Use of high precision and complex geometry objects.

Task to be performed by the partner sought: The company offers complete service and support: from the choice of the material to production of prototypes or mass production.

Usługi badawczo-rozwojowe w zakresie systemów wbudowanych, oraz oprogramowania do przeprowadzania płatności i telekomunikacyjnego

R&D Services in Embedded Systems, Payment and Telecommunication Software

(Ref: 09 EE 21C1 3EXM)

Spółka estońska posiadająca ponad 15-letnie doświadczenie w branży tworzenia oprogramowania oferuje swoją wiedzę w zakresie automatyki przemysłowej oraz systemów wbudowanych, jak i oprogramowania do systemów telekomunikacyjnych i płatności. Firma współpracowała już z różnymi klientami w Europie Północnej i Środkowej, a także zapewnia usługi inżynierskie i rozwojowe przez cały okres użytkowania produktu dla różnych platform: Wbudowanych, sieciowych, serwerowych oraz stanowiskowych. Spółka poszukuje nowych partnerów do współpracy technicznej w zakresie rozwoju, adaptacji i testowania.

The company has end-to-end experience with payment systems from merchant Point of Sales to backend banking authorisation and clearing systems. It has also worked extensively in embedded systems and industrial automation technology with large multinational corporations and small developers. It has competence in developing telecommunication solutions for mobile operators.

The specific competence keywords for different segments are as follows.

- Embedded systems: eCos, Linux, communication protocols, embedded LAN, WEB, GSM, C++, ARM, Assembler, automated testing, industrial networks and standards.
- Telecommunications: provisioning, SMS, MMS, NFC, SIP, Voice XML, USSD, RSS, OTA, CIMD2, UCP, Parley, roaming.

Innovations and advantages of the offer:

- Full life-cycle product engineering and development for all different platforms: embedded, web, server, and desktop.
- End-to-end experience with payment systems and EMV from merchant Point of Sale to backend banking authorisation and clearing systems.
- medical and industrial embedded systems;
- mobile operator software architectures and technologies.

Know-how may be applied in interdisciplinary areas, e.g. relating telecommunicatons to payments in the form of mobile payments.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: company or financial or public sector institution.

Specific area of activity of the partner: developers of solutions and/or products in the fields of embedded systems, telecommunications, payment and banking systems, industrial automation.

Task to be performed by the partner sought: capacity to cooperate in further development or in adaptation and testing.

Mikro- i nanosekundowy licznik częstotliwości granicznych

Micro and nano second cut-off counters

(Ref: 09 FR 38m7 3EO6)

Francuska spółka specjalizująca się w pomiarach optoelektronicznych opracowała mikro- i nanosekundowe liczniki częstotliwości granicznych umożliwiające wykrywanie i liczenie krótkich i przypadkowych impulsów trwających tak krótko jak 2 nanosekundy.

To innowacyjne przedsiębiorstwo poszukuje partnerów do współpracy technologicznej. Jest też otwarte na inne formy partnerstwa, jak umowa handlowa ze wsparciem technicznym.

This French enterprise specialized in measurement of opto-electronics has developed micro and nano second cut-off counters.

In fact, micro and nano second cut-off on simple and multiple contacts generate ultra short electrical pulses that are damaging the quality and the integrity of high performance electronic systems.

So, this French enterprise has developed cut-offs counters able to detect and to count short and random pulses as short as 2 nanoseconds. They are electrical and optical instruments that are the largest generation diagnostic tools intended for:

- qualifying electrical and optical contacts,
- detecting and counting short events.

A commercial and technological agreements are sought.

Innovations and advantages of the offer:

Innovation:

This technology can detect transient signals as short as 2 nanoseconds.

Advantages:

- The innovative and economic design has pushed back the limits of the technology for qualifying fast electronic and optical systems and components.
- It makes it simple to implement and also offers the performances of over-dimensioned and much more expensive systems.
- The modules can be integrated into any different sizes of chassis or racks.

Moreover , the French enterprise delivers modules for adaptation to severe environment if necessary.

Current and Potential Domain of Application:

These micro and nano second cut-off counters are suitable for:

- Detection of brief and transient events.
- Statistical or systematic quality control for connector manufacturers.
- Counting of ultra-short pulses.
- Evaluation of parasite interferences in complex electronic or electro-optical systems.
- Location of data loss sources.
- Pre-industrial test phases of complex electronic systems.
- Tracing of events, alarms, detection of shocks.
- Evaluation of the quality of electrical and optical transmission systems, the level of security and the interference to which the system is subject...

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Testing of new applications
- Adaptation to specific needs
- Engineering
- Technical consultancy
- Quality control

Type of partner sought: test laboratories, manufacturers of instruments or systems who have high level of requirements in terms in interconnections.

Specific area of activity of the partner: Telecommunications, Defence, Space, Aeronautics, Energy, Transportation, Instrumentations...

Task to be performed by the partner sought: manufacture and industrialization of connectors , instruments, sensors, fast electronic optical systems.

Know-How na temat wymiany sieciowej – nowego modelu barteru

Know How on Web Based Swap-A New Barter Model

(Ref: 09 TR 99PB 3EXA)

Tureckie MŚP oferuje model handlu elektronicznego dopasowujący kupującego do sprzedającego bez konieczności wymiany pieniężnej między członkami serwisu.

Turecka firma zaadaptuje swój model do potrzeb potencjalnego partnera i zapewni swój know-how na temat tego modelu. Tym samym, spółka jest otwarta na współpracę w ramach umowy licencyjnej, współpracy technicznej i/lub umowy spółki.

It is an innovative and novel electronic trade model that matches the buyer and the seller without needing money in the trade between the site members.

The system is based upon a current account mechanism, which follows the transactions and eliminates the need for money.

As the members of this web based model (web site) sell the goods that they don't need any more, the virtual money which has been accrued in their account can be used only within the system and they can buy anything from the pool, which consists of goods that other members no longer need.

The model is carried out and applied via a website which opens a new option. At this point as it puts the second hand products back into the consumer cycle, different from the second-hand and auction websites, the model promises to eliminate money transactions from the trade between people.

Since the model itself is flexible, the offered technology/model can be adapted to any specific needs which can be changed from country to country (regulations etc.) and/or partner to partner. The firm offers its know-how for possible changes on the model and technical consultancy/support on such adaptation necessities.

Innovations and advantages of the offer:

During web 1.0 period, swap was experienced in various websites but they could not survive for long due to the boom in “.com”s.

Swap 2.0 has now been reincarnated with web 2.0 and many different business models have already begun to appear. Among them are sites, which have focused on singular media objects such as DVDs, books or games, or there are systems, which organize swap among many users.

The model (web site) locates itself in the swap 2.0 segment although it is structurally different from a swap site.

Current and Potential Domain of Application:

Bartering, web based swap – bartering, e-trade, second hand goods, c2c

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Adaptation to specific needs
- Technical consultancy

Type of partner sought: Industry, Services.

Specific area of activity of the partner: IT, Bartering, e-commerce.

Task to be performed by the partner sought: Tasks can be summarized mainly as "localization". The company will provide their know-how and technical information to the sought partner, while the partner will be adapting this information and the model to local needs. During the adaptation period, technical support/consultancy will be given.

Tworzenie portalu zapewniającego informacje i dostęp do informacji o dziedzictwie kultury

Creation of portal which provides information & accessibility to the Cultural Heritage information

(Ref: 09 GR 49Q1 3EZ0)

Greckie przedsiębiorstwo stworzyło narzędzie programistyczne gwarantujące interoperacyjność, dostępność i użyteczność informacji na temat dziedzictwa kultury, w pełni opisujące materialny i niematerialny dorobek kulturowy.

Przedsiębiorstwo poszukuje partnera do umowy handlowej.

The main mission of this tool is to communicate to different kinds of users as a media conceived for the diffusion of knowledge, as well as for the promotion and enhancement of cultural heritage. It will be possible to visualise information from the resources and to further deepen one's knowledge by directly accessing the websites of each institution. The portal created by the tool will harvest metadata from different repositories and will export metadata to other national and international portals.

The resources pertaining to this vast and complex domain are of very different types and formats. Moreover, they have been codified using different schemas. In order to guarantee interoperability between such cultural resources, a Dublin Core Application Profile has been specifically designed for the portal.

Innovations and advantages of the offer:

The innovative aspect is the unique visualisation of the information resources while the scope is to deepen the user's cultural knowledge more efficiently, by directly accessing the Websites of each institution.

Current and Potential Domain of Application:

- Companies that own cultural and tourist information material,
- The Public sector/ministry of the economy that wishes to promote Cultural and Tourist Information,
- Companies wishing to work together in a cooperative framework, such as a commercial agreement, in order to promote and sell cultural information needs in their countries.

Intellectual Property Rights: Copyright(s) registered.

Collaboration Type:

- Assembly

Type of partner sought: IT company.

Specific area of activity of the partner: Web Application Development or Support.

Task to be performed by the partner sought: Commercial agreement with technical assistance.

Technologia czytników odcisków palców

Finger-print sensor technology

Ref: 09 NO 79EK 3F30)

MŚP zlokalizowane w Oslo, w Norwegii, opatentowało technologię czytników odcisków palców obejmującą logowanie, autentycację, nawigację oraz wskazywanie, połączoną z najlepszymi dostępnymi wynikami biometrycznymi. Może ona być stosowana jako dodatkowa funkcjonalność i zabezpieczenia w całej gamie urządzeń. Główne jej zalety obejmują dobre wyniki biometryczne, dużą szybkość przesuwania palca oraz szeroki kąt przesuwania palca. Docelowi partnerzy to firmy produkujące półprzewodniki, jak i oprogramowanie OEM, jak i integratorzy systemów.

Spółka poszukuje partnerów do umów licencyjnych, spółki, czy do montażu.

The patented finger print sensor technology offers log in, authentication, navigation and pointing features combined with the best biometric performance available – False-accept rate (FAR) of < 0.5% and False-reject rate (FRR) of < 0.001%.

FAR – False-accept rate: The probability that a biometric system will incorrectly identify an individual or will fail to detect an impostor.

FRR- False-reject rate: The probability that a biometric system will fail to identify an enrollee, or verify the legitimate claimed identity of an enrollee.

FAR and FRR are inversely related.

The finger print sensor technology enhances the user experience through added functionality and security of cell phones, notebook PCs, Smart Cards, USB sticks and new, advanced electronic devices, such as portable media players, gaming consoles, remote controls, etc.

The offered sensor is a single-line fingerprint swipe sensor which, among other features, offers swiping at high speed and at wide skew angles. These user friendly features are important because they offer high flexibility in swipe movement and hardly any false rejections.

The technology is available either as sensors ready for incorporation into products, or by licensing.

Innovations and advantages of the offer:

The fingerprint sensor technology enhances the user experience through added functionality and security of cell phones, notebook PCs, Smart Cards, USB sticks, and new, advanced electronic devices, such as portable media players, gaming consoles, remote controls, etc.

Current and Potential Domain of Application:

The customers are Semiconductor companies as well as OEMs (Original Equipment Manufacturers) and System Integrators.

Intellectual Property Rights: Patent(s) granted.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Assembly

Type of partner sought: Industry.

Specific area of activity of the partner:

Semiconductor companies, OEMs. Biometric Vendors, System Integrators, Value-added Resellers.

The targeted applications are Cell Phones, Notebook PC, Smart Cards, Access & Attendance, Biometric Tokens, etc.

Task to be performed by the partner sought: A licensing partner within the semiconductor sector with the need to expand their product portfolio with finger-print sensors to serve the growing market requirement for log-in, authentication and security solutions.

Component supply for OEMs, Biometric Vendors, System Integrators and Value-added Resellers with the need to integrate finger-print sensors, algorithms and embedded solutions into products like Cell Phones, Notebook PC, Smart Cards, Access & Attendance Control, Biometric Tokens, etc

Rozwiązanie MDM dla firm zdalnie zarządzających telefonami komórkowymi oraz w sposób transparentny Over-The-Air (OTA)

Mobile Device Management solution for businesses that manages mobile devices remotely and transparently Over-The-Air (OTA)

(Ref: 08 FI 30I1 0J94)

Fińska spółka opracowała rozwiązanie sprawiające, iż nowej generacji zarządzanie telefonami komórkowymi stanie się dostępne dla każdej organizacji. Oprócz tradycyjnych cech zarządzania telefonami komórkowymi, jak wprowadzanie ustawień i synchronizacja danych, rozwiązanie to oferuje zarządzanie smartfonami w sposób przypominający komputer. Oferuje ono usługodawcom i przedsiębiorstwom ustrukturyzowany sposób zarządzania grupami urządzeń w wielopoziomowej organizacji. Spółka poszukuje partnerów do umowy licencyjnej i współpracy technicznej.

As the number of smart phones grows, companies are starting to realize a need for a cost-effective and efficient way to manage these devices. For example, many IT departments don't know how many devices are on their network, which operating systems they are built on and what applications they are running. In addition, when the connectivity of these devices increases and business applications are taken into use, the requirement for security and remote support increases dramatically.

The developed device management solution offers desktop-like remote management of smart phones for businesses and service providers. It enables IT managers and administrators to manage the entire lifecycle of a mobile device including initial set up, applications management, PIM (personal information such as contacts, calendar and SMS) backup and security issues such as locking the device if it is lost or stolen.

The developed solution provides many possibilities to create over-the-air services that bring benefits to all members of the value and use chain. The solution connects end users, wireless operators and content providers together using existing service platforms, existing terminal components and unique synchronization method.

The solution consists of three components: device management server, web user interface and a client application installed to the end-user's

mobile device. The device management operations are executed remotely without the device user's involvement through data connection between the server and the client application. The operations are administrated from the web user interface which can be accessed anywhere, anytime with a secured connection and a normal web browser.

The server installation requires:

- Linux-based server.
- Connection to SMS gateway.
- Standard web browser.

The key features of the solution are:

- Client provisioning: APN (Access Point Name), DS (Data Sync), DM (Device Management), MMS, bookmark, e-mail or customised provisioning.
- Application management: Install, update, configure, remove, start, stop, inventory.
- Delivery automation: Content or application transfer over-the-air.
- Security features: Back-up and restore (also SMS back-up), locking of device, data wipe.
- Secure and fail-proof connection: Device authentication, HTTPS connections verified.
- Security applications: Managing anti-virus applications, settings and file updates.
- Silent operations: Device Management operations do not require any end-user action/involvement.
- Special features: Diagnostics, enable/disable functionalities like Bluetooth, etc.

Innovations and advantages of the offer:

The device management system is one of the few solutions in the market offering comprehensive device management for both Symbian and Windows Mobile devices. It supports over 80% of smart phones sold today and it is carrier and manufacturer independent solution. The system is an Open Mobile Alliance standards compliant product designed especially for business use and it offers the following benefits for companies:

- 1) It secures the company's mobile device fleet containing company confidential information.
- 2) It saves the resources of the device administrators through efficient device management operations executed simultaneously to a specified group of devices without the end-user involvement. It can save as much as 50 percent in money to manage a fleet of devices using a mobile device management solution, when compared to manual updates.

The key advantage of the system lies in the server in which the service provider can create new user accounts for its customers within minutes.

Therefore the customers can utilize the benefits of device management without heavy implementation process.

Taking into use:

- Easy installation to standard LINUX server(s).
- Easy-to-use Web interface, enables service providers to host device management.
- ready to use API to integrate with 3rd party systems, like administrative systems.
- Minimal data traffic, battery consumption and client application file size in device management operations.

Current and Potential Domain of Application:

Mobile devices provide the means to mobilise business processes, seamlessly access enterprise resources and to work more efficiently and productively. The rapidly emerging need in enterprises is for tools and services to take advantage of business mobility while leveraging existing IT infrastructures. Mobile Device Management enables the configuration and management of mobile devices over their life cycle. Benefits are lower support cost and lower total cost of ownership, easier management, enhanced usability and fast response to security threats.

Intellectual Property Rights: Patent(s) granted.

Collaboration Type:

- License Agreement
- Joint further development
- Adaptation to specific needs

Type of partner sought: Industry.

Specific area of activity of the partner: Service Providers (ASP, MSP) and System Integrators.

The partner could provide device management services for companies or deliver IT infrastructure and mobility solutions to enterprises.

Task to be performed: The company seeks cooperation partners for technology licensing and business/technology development.

Przyjazna dla użytkownika technologia komunikacyjna dla osób starszych

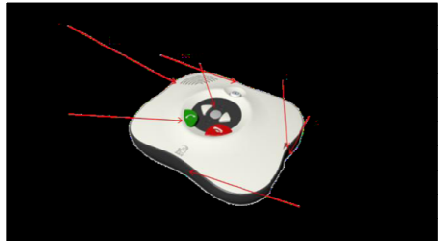
User friendly technology for communication with elderly

(Ref: 09 SE 67CI 3EZN)

Szwedzkie MŚP opracowało produkt wideofon w oparciu o telewizję oraz usługę umożliwiającą prowadzenie rozmów wideo poprzez Internet. Jest to innowacja informatyczna skierowana do osób starszych jako grupy docelowej. Proste w użyciu telefon-telewizor łączy osoby starsze z rodzinami lub opieką zdrowotną.

Spółka szuka kontraktów z sektorem opieki zainteresowanych umową licencyjną lub umową handlową wraz z wsparciem technicznym.

Hundreds of thousands of elderly people long for more frequent contact with their children, grandchildren or care providers. This was the benchmark of the Swedish world innovation that was created to increase quality of life for the elderly, all this at a very low cost.



The Swedish company has developed a unique solution to help effectively serve elderly people and their families. The device they have developed is a TV-phone that provides immediate access to care providers, friends and family utilizing both audio and video. Above all, this communication tool is user friendly. The elderly does not need to use a computer and the visual contact and sound is provided through the user's own TV set. The care provider uses a computer application to communicate with each client and manage multiple client interactions.

The device can also be used for remote night supervision. A special night camera makes it possible to check in with the elderly person from the office before deciding to dispatch personnel to that person's home. This reduces sleep disturbance and minimizes the number of false alarms and other unnecessary home visits.

Using this innovation cost and time efficient in terms of fewer unnecessary visits and recourses that can be redirected to those in real need of physical presence. At the same time, the elderly will have a better opportunity to interact with family and friends. The number of check-ins will increase, since the user is always only a click away. Therefore, the communication tool creates efficiencies for the care provider while simultaneously

improving quality of life for the elderly. Several pilot tests and studies in Sweden and the UK have shown these advantages of using the device. The TV telephone consists of three parts: the control, a black box and a web camera which are connected to the TV and the Internet, either via Ethernet or WIFI. To install it is so simple that even a layman can do it. The Swedish company is now looking for technical implementation, licence agreement or commercial agreement.

Innovations and advantages of the offer:

The invention has just received an award as this years most innovative health care product from Illinois health care association in the US. Due to its user friendliness, the technology has also received attention in media.

The solution consists of two components. In the elderly's home, the equipment consists of a handset, a blackbox and a webcamera. The equipment is co-located with the client's existing TV set and is also connected to a broadband internet connection. With this set up, the user is able to make video calls to family, friends and care professionals through their ordinary TV. The handset is specially designed for ease of use. This product/service is a new invention that can have a big impact on how we communicate over generation boundaries in the future.

Product attributes:

Image-based dialing - The user sees an image of the person he or she wants to call. Face recognition is a helpful tool for the elderly, or people with dementia or cognitive disability.

Large and user friendly - Navigation is done with the ergonomically designed remote control (handset). The buttons are illuminated, rubberized and well separated for easy manipulation

Incoming calls - Incoming calls automatically interrupt the TV program. If the TV is turned off, the device will automatically power on the TV to receive incoming calls.

Personalization - There are several ways to adapt the system to suit the needs of the user, including connecting hearing loops, headsets and configuring call forwarding to a regular telephone.

Remote Administration - All user settings can be configured remotely from any computer connected to the internet.

Call Forwarding - In the case of "no answer", the call may be automatically forwarded to a standard telephone or cell phone. This generates additional safety options of always being within reach.

TV Control - The device automatically switches the TV over to the communication system when someone calls, so the TV remote control is not needed.

Current and Potential Domain of Application:

The device has several areas of application. So far, it has been developed for elderly people in order to enable them to communicate via their TV with family, friends and carers wherever they are via their computer.

There are three potential user categories:

1. Elderly with physical or psychological disabilities / difficulties - dementia, cognitive difficulties or physical difficulties.
2. Elderly with computer difficulties but without disabilities.
3. Elderly, computer literate, typically technology interested.

Further Information (Technical Details Concerning the Profile):

The solution consists of a hardware place in the home of the elderly, the box-kit, a set of servers and then either the same box-kit, a PC software, a SIP-compatible mobile phone or any regular telephone (voice only) at the family member or care provider end. Technical Specification of the device Communication Protocols: SIP, H264, g711, Speex-wb, g729 Bandwidth requirement: <400kbit bidirectional Network: 10/100 RJ-45 or 802.11B/G WIFI Camera: UVC compatible USB camera. 6mega pixel Kinstone camera included Power: 12VDC, 500mA Weight 1.9kg The product is CE marked, ROHS compliant and certified Operating Systems PC, Linux (alternative software for Mac) Computer Requirements: 1GB of RAM, 20MB hard disk, 1GHZ processor, webcam, speakers and microphone The product is uniquely developed for the communication device based on a linux platform running on the Texas Instruments daVinci chipset.

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: care providers, care homes, consultants.

Specific area of activity of the partner: the partner should be within the care industry. Care homes, home care providers etc.

Task to be performed by the partner sought: to distribute, to further develop the device and also adapt it to local needs.

Rozwiązania do modulacji optycznej oraz bardzo szybkich modułów elektronicznych dla celów telekomunikacyjnych, sensorowych i do oprząrdowania

Optical modulation solutions and high speed electronic modules for telecommunications, sensing and instrumentation

(Ref: 08 FR 32j2 0J7N)

Francuska spółka dostarcza rozwiązania modulacyjne zarówno do optycznych sieci transmisyjnych o dużej przepustowości danych oraz do szerokopasmowych aplikacji optycznych, jak i bardzo szybkich obwodów i modułów cyfrowych oraz elektronicznych mikrofalowych.

Połączenie tych dwóch technologii oferuje przemysłowi wysokowydajne rozwiązania modulacji optycznej. Spółka proponuje partnerom przemysłowym współpracę techniczną i przemysłową w celu rozwoju systemów z wykorzystaniem komponentów z niobianu litu, sterowników...

A French company operates its own LiNbO₃ wafer processing (3 inches), packaging and test facility in a brand new clean room environment, and is able to design and fabricate Microwave Monolithic Integrated Packaged Circuits. Its expertise allows the compagny to deliver complete solutions of modulation, including lithium niobate modulators or drivers.

It masters all the stages of development and production of lithium niobate based devices : microwave and optical software-assisted design, diffusion and annealing, thin film deposition, etching, thick film plating, dicing and polishing, PM (Polarisation Maintaining) and SMF (Single Mode Fibre) pig tailing, packaging, qualifications, tests and characterisation.

The modulators are manufactured using state-of-the-art Lithium Niobate (LiNbO₃) technology.

The company commands two unique LiNbO₃ wave-guide fabrication processes ; the titanium in-diffusion process and the proton exchange process. These processes enable the company to cover a greater range of applications from 800 nm to 1600 nm. LiNbO₃ components work with a low driving voltage (< 5 volts), have low optical losses, are compact and light (few cm³ - 50 /100 gr) and are compatible with all fibre devices. This LiNbO₃ technology is Telcordia-qualified.

The company has put together a team of top-notch specialists from areas of expertise such as optical design, lithography, thin film processing, microwave technology and packaging to operate this state-of-the-art equipment. Due to the impressive flexibility of LiNbO₃ based devices, the company is able to provide a broad spectrum of products tailored to each client's needs or to manufacture in mass production (typically 5000 components).

The technological know-how and manufacturing capabilities of the company allow it to produce custom-built systems including LiNbO₃ component and electronic subsystems (bias controller, driver, etc.). In addition, a flexible team and start-up structure lend to a fast response to a wide variety of modulator application needs.

The company is also specialised in the design and fabrication of Microwave Monolithic Integrated Packaged Circuits and their use in modules, sub-assemblies and cards. Its expertise allows to offer both standard and customer specified products. A key service offered is the development of modules to customer specifications, our strengths are:

- Design, development of a diverse range of Surface Mount Packaged Products specifically adapted to customer requirements.
- High performance Surface Mount/Connectorised Modules designed to customer specifications.
- MMIC and module design expertise.

The company proposes turnkey optical transmitters and external modulation bench top units for both digital and analogue transmission applications. These systems integrate within a 2U 19" enclosure a laser source (optional), a complete modulation stage featuring an external LibNbO₃ modulator with its RF driver and bias control circuit, and a receiver stage (optional).

Innovations and advantages of the offer:

- Modulators with low driving voltage, high bandwidth (> 40 GHz), chirp free, low insertion losses, high extinction ratio.

- Modulators manufactured with ZPol technology (company's patent), combining benefits of both standard z-cut (ultra low driving voltage) and x-cut devices (chirp free).
- Proton exchange technology allowing the fabrication of components working at 1064 nm. Such a component supports 1 watt of launched power with no performance degradations.
- Compact packaging with an integrated driver - Great properties of the material: high electro optic, piezoelectric and acoustic coefficients.
- Fast response to a wide variety of modulator applications needs.
- LiNbO3 components work with a low driving voltage (< 5 volts), have low optical losses, are compact and light (few cm³ - 50/100 gr), are compatible with all fibre devices and can be designed for a large range of applications from 800 nm to 1600 nm.
- Design and fabrication of customerised MMIC modules.

The combination of the complementary technologies (lithium niobate and MMIC) will enable the design of more powerful and better integrated optical modulation solutions with improved performance , optimised power consumption and size. Such solutions are required by the telecom industry and the defense, instruments and sensing markets

Further Information (Technical Details Concerning the Profile):

Markets covered are : - Telecommunications : the company has developed a complete range of intensity and phase modulators dedicated to high data rate transmission networks. - Sensing and instrumentation: it delivers components for use in fibre sensors and measurement systems such as fibre interferometers and lidars. - Defence and aerospace industries: the stability of the components makes them compatible with the harshest environment. Many components have already battletested in the extreme conditions of defense and aerospace programs. - Research and development : the company provides the R&D community with standard and custom-built components.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Industry.

Specific area of activity of the partner: Optoelectronic.

Task to be performed: Co-development, integration.

Ultradźwiękowa mikroobróbka materiałów twardych, łamliwych i nieprzewodzących

Ultrasonic micro-machining for hard, brittle and non conductive materials

(Ref: 08 FR 32j2 0J7V)

Francuskie MŚP opracowało szczególny know-how w dziedzinie mikroobróbki ultradźwiękowej dobrze zaadaptowany do obróbki precyzyjnej materiałów twardych, łamliwych i nieprzewodzących. Przedsiębiorstwo jest zainteresowane umowami produkcyjnymi ze wsparciem technicznym oraz współpracą techniczną z partnerami przemysłowymi.

A French SME is offering development of ultrasonic machines and micro-machining services to industrial partners that wanted to work with hard, brittle and non-conductive materials such as quartz, glass, sapphire, fused silica,...

Ultrasonic machining is generally known for prototyping or mini-series. The technology developed by the French company is innovative thanks to optimised automation and to the realisation of tools adapted to large surfaces.

A quartz wafer of 1 millimeter thickness and 3 to 4 inches in diameter can be machined in 3 or 4 minutes (with comparison to 20 hours with a chemical process).

It can find application in various industrial domains needing to work technical parts made of brittle materials with sophisticated shapes:

- Micro-technologies (MEMs, MOEMs, inertial and pressure sensors, micro-optics, micro-actuators, micro-fluidics, (lab on chip, IJ - ink-jet heads, micro-reaction)).
- Clock and watchmaking industry, jewellery.
- Biomedical devices (micro-pumps, valves, medical imaging,...).
- Aeronautics.

Etc...

With comparison to other non-traditional technologies such as EDM (Electrical Discharge Machining) or micro-EDM, laser ablation or wet chemical etching, ultrasonic micro-machining doesn't damage the parts and doesn't create significant levels of stress. Production of 3D shapes with a very small volume is also possible (few cubic millimeters).

Innovations and advantages of the offer

- Very simple implementation,
- Production of 3D shapes,
- The technology is not material-dependent,
- Micro-machining without risk (no damage on the surface of the parts).

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Transfer of knowledge in new raw materials
- Engineering

Type of partner sought: Industry.

Specific area of activity of the partner: Any industrial field. Microelectronics, micromechanics, micro-optics, clock and watchmaking, jewellery, biomedical device manufacturers, aeronautics, etc...

Task to be performed: To solve a problem of micro-machining, to test new applications, to realise prototypes, to develop new machines.

Nowe ekrany do projektorów materiałów wideo

New screens for video projectors

(Ref: 08 FR 38n0 0J82)

Francuskie MŚP opracowało innowacyjny ekran projektora, który można dyskretnie zintegrować w domu, na ścianie łodzi, czy też w salach konferencyjnych. Ten opatentowany ekran jest utrzymywany w doskonałym napięciu podczas projekcji wideo. Kiedy nie jest używany, składa się na trzy części, pozostawiając widoczną ścianę lub plakat.

Francuska spółka szuka partnerów zainteresowanych umową licencyjną lub umową handlową handlową wraz z wsparciem technicznym w całej Europie.

The use of full HD (High Definition) video projectors designed specifically for home cinema applications is becoming more widespread in homes, in hotels and in conferences rooms. Their uses need a specific screen and today nobody wants a "school screen" cockling, deforming the projected image and attached at his ceiling.



That's why the French company has created a new generation of projection screen, able to remedy those drawbacks by closing in three parts behind a paint or wall decorations.

The closed innovative screen is taking less space than a usual one and it has a decorative function as it is hidden behind a wall decoration. Once open, the tensioned screen is not cockling and no creases appear, deforming the projected images. This invention is particularly adapted to reduce the front and tensioned projection screen size,



and discreetly integrating it in living rooms, or conferences rooms, business establishments, academic institutions, with full HD (High Definition) video projectors. The product is already commercialized under different sizes: from 108*205 cm to 146*271cm.

Innovations and advantages of the offer:

This invention is particularly adapted to reduce the front and tensioned projection screen size, and discreetly integrating it in living rooms with full HD (High Definition) video projectors. Contrary to projection screen already commercialized, this new generation of tensioned screen has the particularities:

- to easily close behind a wall decoration, reducing the place needed for the screen when it is not used
- to be tensioned that means that the screen is not cocking and there are no marks of creases on the screen when it is open

Current and Potential Domain of Application:

This screen technology can be applied to all video projection markets.

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: A company able to manufacture such systems or to distribute.

Specific area of activity of the partner: The sought partner could be in the luxury house goods, or company furniture.

Task to be performed: to distribute the product, and to market the product locally. Production can be also tranfered.

Kolorowa kamera z wbudowanym systemem audio i obrazem w podczerwieni

Colour and audio camera with night vision

(Ref: 08 FR 33j7 0J7L)

Francuskie MŚP opracowało kolorową kamerę, którą można wykorzystywać w warunkach braku oświetlenia, gdyż ma ona wbudowaną wiązkę podczerwieni. System ten umożliwi wiele zastosowań w środowisku prywatnym lub w biurach, jak zdalny monitoring, albo wideokonferencje.

Poszukuje się partnerów takich, jak intrgratorzy systemów lub producenci do umowy licencyjnej lub umowy handlowej ze wsparciem technicznym.

A French SME has developed a low cost PLC (power line communication) IP colour camera This device is a high quality colour camera with audio which allows night vision as it embeds infrared illumination. PLC adapter is included into the camera. Its delivers a MPEG-4 stream with video (MPEG-2) and audio (MP3). Its supports 85 Mbps homeplug for communication so its installation only needs a power line Connection (due to PLC adapter included into the camera). It also works as a motion detection. With its simplicity of implementation the camera offers the solution of reduction in the maintenance and capital costs (installation and wiring).It allows a progressive and controlled migration between monitoring systems.

Innovations and advantages of the offer:

- * 85 Mbps homeplug compatible.
- * This device is based on PLC technology, that means only power line is needed, no adapter.
- * Low cost and TCO.
- * Easy installation and maintenance: it only need a powerline for audio an video transfer.
- * Simple to use and to diagnose.

Intellectual Property Rights: Secret know-how.

Collaboration Type:

- License Agreement
- Financial Resources
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Transfer of knowledge in new raw materials
- New way to use an existing production line
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Absolutely novel process
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: industrials.

Specific area of activity of the partner: house automation or security.

Task to be performed: programs for video monitoring.

Oprogramowanie do zarządzania zawodami sportowymi

Software for managing athletics competitions

(Ref: 09 EE 21C2 3EVB)

Estońskie MŚP dostarczające usługi rozwoju oprogramowania dla firm opracowało oprogramowanie do zarządzania zawodami sportowymi. Obejmuje ono wszelkie aspekty zawodów, od rejestracji po protokoły końcowe, a także jest dostępne w Internecie. Jest ono skierowane do organizatorów zawodów lokalnych i regionalnych, a także jest łatwe do zintegrowania, gdyż nie wymaga żadnej specjalnej infrastruktury informatycznej. Spółka jest zainteresowana znalezieniem partnerów do dalszego testowania i rozwoju oprogramowania.

The Estonian SME provides software development services for businesses. They have developed athletics competition management software. The software provides fast access to information for referees, journalists, event organizers and general public. It handles event timetables, athletes, clubs and results. All events and results are available for TV graphics and stadium info boards.

Features:

- Athletes database.
 - Clubs database.
 - Event registration, callroom.
 - Event timetables.
 - Live results.
 - Referee interface.
 - Journalists interface.
 - TV interface (supports Inscriber RTX).
-
- Live results for stadium boards.
 - Integration with field info boards.

Innovations and advantages of the offer:

- No special IT infrastructure needed, works on standard computers.
- Accessible over the Internet.
- Handles all aspects of the competition – from callroom registration to final protocols.

- Supports stadium events – running, jumping, throwing, combination, relay – in individual or team competition form.
- Rapid and Cost-effective deployment.

Current and Potential Domain of Application:

It has been used already for over 40 national and international level events, including the World Championships for Juniors (with over 400 athletes).

Examples of potential software users are:

- National athletics associations – organizers of national championships.
- Athletics clubs – organizers of regional competitions and cup events.
- Universities, schools, nonprofits – organizers of single events, school championships.

This software is a niche product for the organizers of the local and regional competitions who are looking for ways to modernize and speed up their event management system.

Intellectual Property Rights: Copyright(s) registered.

Collaboration Type:

- Joint further development
- Testing of new applications

Type of partner sought: private companies, nonprofits, universities.

Specific area of activity of the partner: companies producing and selling hardware for athletics competitions, organizers of competitions.

Task to be performed by the partner sought: testing and developing the software together with Estonian company, providing feedback and recommendations for improvement.

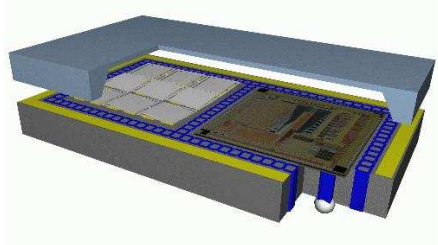
Zaawansowane technologie międzysieciowe i pakowania dla systemów MEMS (Micro Electro Mechanical Systems) oraz aplikacji CMOS

Advanced Interconnect and Packaging Technologies for MEMS (Micro Electro Mechanical Systems) and CMOS applications

(Ref: 08 SE 67BY 0J2R)

Szwedzkie MŚP opracowało technologię TSV o dużej gęstości dla aplikacji MEMS (Micro Electro Mechanical Systems). Proces ten umożliwia duży poziom integracji z np. technologią System in Package (SIP) oraz znaczne zmniejszenie wielkości podzespołu. Firma poszukuje partnerów przemysłowych oraz biur projektów oferujących ciekawe projekty MEMS oraz wymogów dla rozwiązań System in Package (SIP). Oferta obejmuje wsparcie podczas procesu projektowania, wdrożenia oraz produkcji MEMS na dużą skalę.

When MEMS technology is debated in general, not rarely is the argument that the main hurdles relating to commercial implementation is packaging, interconnect and integration. The now offered process solves the inherent problems of packaging and interconnects by providing true wafer level packaging of MEMS devices.



The Swedish SME offers a range of high density through via technologies for silicon substrates that enables true "Wafer Level Packaging" MEMS designs.

Through Silicon Insulator

The company has been able to realize the idea to isolate a section of a highly doped, low resistivity silicon wafer laterally by incorporating a trench filled with an isolating material. The isolating trench most often has the shape of a square or a circle but could also take other shapes if necessary, as long as it constitutes a closed loop.

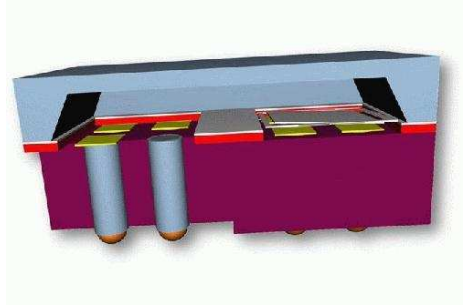
This feature significantly reduce the cross-talk between the areas – A problem often faced in mixed signal IC designs and combined systems incorporating MEMS sensors and read-out ASIC's.

Through Silicon Via

The via technology also enables the integration of interconnect functions in advanced sensors, actuators and microfluidic devices, as well as unrestricted integration of other MEMS and CMOS devices on a silicon substrate.

Metal Via Process

For RF MEMS applications, the company has developed a metal-via process suitable to meet the stringent requirements of sub 50 mOhm total through wafer via resistance in combination with tough demands on hermeticity.



With a System in Package (SiP) approach, a number of integrated circuits are combined in a single module. The individual chips of a SiP are internally connected using flip-chip technology and may contain several silicon components (dies) and passive components all mounted on the same substrate, possibly also stacked on top of each other. This means that a complete functional unit can be built in a single package.

The individual chips of a SiP are internally connected using flip-chip technology and may contain several silicon components (dies) and passive components all mounted on the same substrate, possibly also stacked on top of each other. This means that a complete functional unit can be built in a single package.

In this respect, the via technology and MEMS processing technology can be applied to realize customized silicon based Wafer Level Packaging (WLP) solutions.

This feature is particularly valuable in space constrained environments like mobile phones as it reduces the form factor and complexity of the PCB and overall design.

The Swedish company is looking for industrial partners and design houses with challenging MEMS designs and System in Package solutions. The offer includes design support in implementing the technology in the customers' device and following production.

Innovations and advantages of the offer

Key Features & Advantages:

- Reduced form factor, due to true "Wafer Level Packaging".
- Unrestricted integration of MEMS and CMOS devices on a substrate.
- Zero Crosstalk in mixed signal Integrated Circuits (IC).
- A "all silicon" MEMS designs.

Current and Potential Domain of Application:

Electronic Devices.

Intellectual Property Rights: Patent(s) granted.

Collaboration Type:

- Testing of new applications
- Adaptation to specific needs
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Engineering
- Technical consultancy

Type of partner sought: Industrial partners.

Specific area of activity of the partner: MEMS/Mixed Signal IC Design house with request for High density Si-wafers in their applications/products.

Task to be performed: MEMS technology implementation.

Narzędzie programowe dla MŚP w celu dostarczania i zarządzania dokumentami w telefonach komórkowych, aby w prosty sposób spełniać wymogi zgodności

A software tool for SMEs to deliver and manage documents on mobile devices, to easily achieve compliance

(Ref: 09 GB 41n8 3ES0)

Brytyjski producent oprogramowania jako pierwszy wprowadza na rynek narzędzie umożliwiające dzielenie się, śledzenie oraz aktualizację dokumentów, plików i zasobów online w różnych rodzajach urządzeń przenośnych. Jego zaletą jest łatwość techniczna uzyskania zgodności oraz lepsza wydajność personelu w terenie. Koszty licencji umożliwiają korzystanie z niej małym firmom. Bardziej zaawansowana platforma może być zintegrowana z częścią back office dużych firm.

Poszukuje się partnerów do współpracy wśród sprzedawców oprogramowania w celu zawarcia umów handlowych i technicznych.

All companies and organisations sometimes find it hard to organise the sharing, management and tracking of files, documents and online resources. This is a must to comply with changes in the law and internal management systems. Nowadays there are an increasing number of field workers and flexitime workers, shuttling between locations. There are a number of collaboration tools out there that allow for sharing, editing and tracking of files between PCs.



The next trend that has taken off is taking work home or on the road using mobile handsets and devices, including PDAs, Blackberry, iPhone and generally speaking any modern handset with a web browser.

Although it is generally easy for modern workers to access the web, it is not easy to access company information. Files need to be e-mailed out to all the involved parties, and setting up the corporate mailing system can be complex.

There are now a few standalone mobile collaboration products for iPhone or Blackberry including from for example Google, IBM and others. They immediately limit you to one device.

A UK company now offers a single software-as-a-service (SaaS) for document publishing, tracking and management between an organisation's or group's mobile devices. It allows users to publish, share, upload and track documents to and between any mobile handsets and devices using secure online workspaces hosted on central servers. It incorporates all the security features equivalent to PCs, including allocation of user access rights and administrator rights with full control over user accounts and user groups. The only technical requirement for the devices is a browser capable of 128 bit encryption. No installation is needed for the simple plug and play software.

One existing client has 200 field staff. The company has a continuous training and safety programme delivered by the HR department. They used to track the reading and acknowledgement of training and safety documents manually. Also, the publishing meant handling a large number of emails and paper copies. Everything has been automated now.

Other clients are smaller and use the software for document, image and online resource sharing and real time publishing.

There is no setup fee and the annual license is affordable to small businesses.

Innovations and advantages of the offer:

In the ever increasing complexity of tools and devices to access, share and track team or company info, it is a single and easy future-proof solution:

- no installation,
- no setup fees,
- secure online storage in a controlled environment,

The obvious advantage is efficiency improvement, greater flexibility but also cost reduction through omitting of expensive internal virtual networks.

Further Information (Technical Details Concerning the Profile):

The described online tool does not fully illustrate the potential of the software. An advanced version is available that is a 'mobile integration platform'. It enables an organisation to consolidate access to key business information, legacy systems and file stores for mobile-based team members. Integration with back office applications, legacy systems and operational systems is configured through the software configuration service. Publishing information from such systems can be via batch upload, web services, API or via real-time data access. It has been optimised for mobile devices but is compatible with PCs, laptops and Web-Books.

Intellectual Property Rights: Copyright(s) registered.

Collaboration Type:

- License Agreement
- Technical consultancy
- Maintenance

Type of partner sought: SMEs.

Specific area of activity of the partner: vendors of collaborative or compliance software.

Task to be performed by the partner sought: the UK company welcomes enquiries from both software vendors and end-users. A free trial is available. The UK company offers maintenance and after sales support. The advanced version (see under 'Further technical detail') will be customised for specific business needs with lots of integration with back end systems. Again, looking for partners to sell this product. However, this is more involved and the partners are expected to deliver the consultancy to determine the business requirements.

Najnowszej generacji system CMS (Content Management System) w ramach JavaEE w celu tworzenia „systemów spersonalizowanych” w oparciu o potrzeby klienta

Last generation JavaEE framework Content Management System (CMS) for the development of “tailor made systems” based on client’s needs

(Ref: 08 IT 54V8 0IT7)

Młoda spółka włoska specjalizująca się w zaawansowanych rozwiązaniach sieciowych w Java Enterprise Edition stworzyła modułowy i możliwy do rozszerzenia system CMS w celu tworzenia usług sieciowych zarówno po stronie back-end, jak i front-end, ukierunkowanych na sieciowe usługi komunikacyjne (strona internetowa, marketing z wykorzystaniem nowych mediów, usługi komórkowe,...) a także na usługi klasy korporacyjnej (eksploracja danych, E-Commerce,...).

Firma poszukuje partnerów i klientów w celu opracowania zaawansowanych usług sieciowych w kontekście komunikacji i klasy korporacyjnej.

This CMS is a last generation JavaEE framework oriented to multiplatform, multimedia, cross-medial, Multilanguage(UTF8), multi-database web services for the development of “tailor made systems” based on client’s needs. It can manage multiple front-end content types (website, mobile internet devices, interactive windows, ...) accelerating data access and allowing a real multi-media parallel communication. Moreover, thanks to an integrated middleware for data layer access can be interfaced with a lot of relational DBMS. Furthermore the CMS totally separates the presentation and the business logics layer. In this way, it’s possible to port application from outdated technologies to last generation Java Enterprise. For example, after a website-catalog’s business logics migration from ASP (Active Server Pages) to CMS, the data access has been 10 times quicked.

Innovations and advantages of the offer:

The CMS is upgradable by a plug-in system, allowing clients to invest in an expandable platform, on which scientifically plan new features’ budgets, based on the same database, or to migrate all the framework from a DBMS to another at “zero” cost and “zero” time. Furthermore. the CMS’s database structure is defined by our client during functional analysis: this feature makes CMS unique.

Further Information (Technical Details Concerning the Profile):

The technology is market ready, but a development team is continuously developing and powering it.

Intellectual Property Rights: Patent(s) applied for but not yet granted.

Collaboration Type:

- License Agreement

Type of partner sought: enterprises.

Specific area of activity of the partner: anyone.

Task to be performed: system customised to client's needs.

Technologie poszukiwane

Technologia okienek interaktywnych

Interactive Window Technology

(Ref: 10 PT 65BN 3GCE)

Portugalskie MŚP działające w sektorze multimediiów i rzeczywistości wirtualnej poszukuje różnego rodzaju technologii okienek interaktywnych z lub bez wbudowanego systemu ekranu dotykowego. Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

Interactive windows are display systems that are developed to give people passing by a different perspective of the products from the one given by common store windows.

Interactive Window Displays are generally used for marketing with high impact because of the volume of business that it can generate. Compared to the old static window displays, it incorporates motion and life to, otherwise motionless, pictures.

The user can interact with the system in very different ways: see how a specific piece of clothing looks on his body, browse through the companies products, play interactive games or do any other kind of creative interaction.

The company is looking for different types of interactive windows, so they can integrate their software applications with them.

Technical Specifications / Specific technical requirements of the request:

The company is looking for any kind of interactive windows manufacturers (with or without touch screen systems) to test and integrate with their software applications.

Current and Potential Domain of Application:

The interactive window systems can be used by any kind of company for marketing campaigns.

Collaboration Type:

- Technical consultancy

Type of partner sought: Companies.

Specific area of activity of the partner: Interactive windows systems manufacturers.

Task to be performed by the partner sought: Adaptation to specific needs.

Rozwój systemu wyświetlania mediów w telefonach komórkowych z wykorzystaniem GPS

Development of Mobile Media Display System with GPS

(Ref: 10 GB 39n3 3HQJ)

MŚP z Irlandii Północnej wymaga partnera do dalszego rozwoju prototypu. Będzie on wykorzystywany w środkach komunikacji publicznej w celu wyświetlania reklam w oparciu o lokalizację (GPS), danych oglądającego (rozpoznawanie twarzy) oraz zapewniający korzyści związane z bezpieczeństwem (kamery przemysłowe) dla kierowcy pojazdu i pasażerów. Partner (przemysłowy) powinien mieć doświadczenie w branży ICT i elektronicznej. Przewiduje się zawarcie spółki z podziałem zysku i praw własności intelektualnej.

Research shows that there is a growing need for a product to improve taxi driver and passenger safety. A few UK councils have already funded or helped fund various schemes. Simultaneously, online and direct advertising spend has shown a great rise over traditional advertising, even in today's financial climate. This system addresses both these potential markets, through one device.

The company has developed (to prototype) a location based advertising system for public transport vehicles, taxis, buses and trains. From the same system, encrypted CCTV (for security) will be captured, stored and sent back to the local police station, or designated authority.

Advertisers will pay a regular subscription, this will allow them to update or change their adverts as often and to whichever location they choose.

The system combines CCTV along with a screen which has GPS location based software installed, this is linked to a website. A innovative feature

of this system is that advertisements are created online, proofed and sent directly to the screen.

CCTV is encrypted and streamed to the police station or authorised local authority.

Advertisements are created to suit current location/ direction of travel and the predicted demographic classification of the viewer. Clients can update their advertising in real-time.

The system can also generate discount vouchers via SMS.

The company wants to bring the prototype to market as soon as possible. Once this is done they will begin the second phase to upgrade the system, and develop improvements.

The current technical issues fall into two areas, the first is to locate a hardware manufacturer to help integrate the software into new display screens and hardware system. The second is to develop a web-based front end system to allow subscribers to upload their ads onto our screens.

The company requires a partner who has expertise in electronics, software development and box build.

Technical Specifications / Specific technical requirements of the request:

PC (currently running on a Windows 7 Netbook)) based system, with GPS, CCTV and Biometric (Facial Recognition) functionality.

Collaboration Type:

- Joint Venture Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Industrial.

Specific area of activity of the partner: Software development, hardware integration, and box build/design.

Task to be performed by the partner sought: Further development of prototype.

Analityka opakowań

Packaging Intelligence

(Ref: 10 BE 0213 3I7M)

Wielonarodowa firma z siedzibą w Brukseli działająca w sektorze dóbr konsumenckich poszukuje sposobów dodania "analityki" do opakowania, aby przyciągnąć konsumentów do jej produktów oraz udzielenia jej informacji zwrotnej/informacji na temat decyzji o zakupie.

Przedsiębiorstwo jest otwarte na różne rodzaje partnerstwa, w zależności od etapu rozwoju oraz praw własności intelektualnej do proponowanego rozwiązania.

As technology continues to advance at a faster and faster pace, consumers are demanding more from the products and packages they purchase. They face a myriad of choices at the store shelf and would like to know with confidence that the product they are buying is the best for their needs.

The company is interested in evaluating technologies which once deployed on packages can increase shelf appeal, aid in product selection, make information sharing easier and make the usage experience more delightful for the consumer.

Possible approach(es) include:

- Materials/systems which light up on packages.
- Indicators that signify a bottle cap is securely closed and leak free.
- Sensors that measure humidity, temperature, color, weight & other product-relevant parameters.
- Low cost display technologies (e.g. electrochromic displays).
- Power sources to drive these intelligent technologies.
- Printed electronics that can be incorporated into labels, cartons, or flexible film packaging.

The company is open to various types of partnerships depending on the state of development and Intellectual Property position of the offered solution.

The company is NOT interested in technologies which are over 5 years from commercial readiness and still require significant development to meet the design target.

Scale / Volume requirements will have to be determined depending on market, product, and technology.

In terms of Intellectual Property Position, the company will typically prefer exclusivity, but at a minimum, must have freedom to market for the intended package application.

Technical Specifications / Specific technical requirements of the request:

The offered solutions should help attract consumers to the multinational products and provide consumers with feedback/information on their purchase decision.

In addition, the offered solutions should meet the following requirements:

- Any cost increase must be offset by an increase in sales directly attributed to the new technology.
- The offered solution(s) should enable a better consumer experience than current executions.
- Sustainability improvement over current executions is a plus.
- Any new technology will be required to pass all internal safety standards as well as any external standards.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Transfer of knowledge in new raw materials
- New way to use an existing production line
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Absolutely novel process
- Assembly
- Engineering
- Technical consultancy
- Quality control

Type of partner sought: SME or large industry, academia, private research centre, ...

Specific area of activity of the partner: packaging and related intelligence technologies.

Task to be performed by the partner sought: provide the company with the requested solutions, or alternatively help the company develop them.

Otwarty Hotel: Nowy system oprogramowania

Open Hotel: New Software System

(Ref: 10 IT 55Y2 3I4C)

Włoski zespół badawczy poszukuje partnerów z MŚP lub osób zainteresowanych sektorem turystyki, z którymi mógłby rozwijać i testować nowy system oprogramowania typu open source, jaki realizował dla promocji lokalnej branży turystycznej.

Open Hotel is an open source software system for the promotion and management of resources. A resource is a service or a product that one territory can offer to tourists (Hotels, B&B, restaurants, archeological sites, handicraft products, bio agriculture products, etc.).

This realtime hotel booking system was projected on the basis of services and tourism structures of the regional territory, and allows to search and book rooms available in real time for all the structures recorded on the Tourism Portal.

The research team is looking for partners from SMEs dealing with public bodies in tourism sector or other stakeholders working in the same field, with whom to develop and test new applications of the technology.

Technical Specifications / Specific technical requirements of the request:

Open Hotel aims to become a framework for the development of interconnected bundles in the tourism domain. Open Hotel promotes the use of open standards for the exchange of information in the travel industry.

Current and Potential Domain of Application:

Tourism sector.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: SMEs or other working in the field of tourism.

Specific area of activity of the partner: IT and open source, applications for tourism management.

Task to be performed by the partner sought: development and testing.

Hełmy immersyjne obejmujące nowe właściwości transmisyjne i łączności z otoczeniem zewnętrznym

Immersion helmets to incorporate new features of transmission and communication with the outside

(Ref: 10 ES 23C6 3HZD)

Hiszpańska spółka specjalizująca się w pracach kontrolnych i konserwatorskich dla urzędzeń morskich, jak kadłuby zanurzone w wodzie, poszukuje specjalnej technologii do poprawy transmisji i łączności z zewnętrznymi nurkami, jakie można zastosować w hełmie do nurkowania. Spółka ta zamierza włączyć te nowe rozwiązania w obecne hełmy do nurkowania, w zależności od potrzeb określonych przez ekspertów.

Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

The company specialized in inspection and maintenance work, both offshore facilities as underwater hull.

To carry out the work, should be integrated into diving helmets, other items such as welding screens, video systems, audio systems, lighting, etc., that must adapt the traditional way to their helmets, searching among those used in other sectors.

The company seeks protection welding equipment, audio and video systems and lighting, designed specifically for incorporation into diving helmets and helmets that incorporate these facilities.

Technical Specifications / Specific technical requirements of the request:

The equipment must be specially designed for assembly on helmet diving and to work in environments with little or no visibility.

Comments on application to the market:

Professional Diving Inspection and mechanical assemblies submarines underwater work, underwater salvage, underwater civil works, hydraulic works underwater construction and repair of ships, offshore structures.

Collaboration Type:

- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: The company is looking for other company with a specific technology to improve transmission and communication with foreign divers to apply to the diving helmet.

Specific area of activity of the partner: Companies belonging to the sector of Electronic, Computer and Telecommunication.

Task to be performed by the partner sought: The company is looking for Commercial agreement with technical assistance.

System do monitorowania pracy sieci / optymalizacji pracy sieci dla sieci UTRAN / GERAN

Network Performance / Network Optimisation system for UTRAN / GERAN networks

(Ref: 09 ES 28F9 3FWX)

Hiszpańska spółka poszukuje systemu do monitorowania/ optymalizacji pracy sieci, głównie dla sieci RAN w technologii 3GPP, GSM i 3G, postrzeganych obecnie jako główne opcje.

System powinien opierać się na elastycznych i możliwych do skalowania urządzeniach zbierających całość informacji związanych z RNC lub BSC, a także przetwarzających te dane w celu przekazania wskazówek na temat obecnych lub potencjalnych problemów (jeżeli nie zostaną rozwiązane).

Spółka chciałaby zawrzeć umowę handlową wraz z wsparciem technicznym lub umowę spółki.

The technology sought is a monitoring / data capturing system, for high capacity links like STM1 (both channelized and unchnannelized) and GbE, mainly oriented to 2G, 3G and 4G access interfaces. The goal is to capture 100% of the traffic and provide, with a proper processing of the information captured, a good analysis of the current problems of the mobile operator.

Therefore, the system should be based on:

- a) powerful mediation devices, to capture information on the splitted / tapped links,
- b) powerful processing SW, to integrate the information and provide already processed feedback, in the form of KPIs values and / or dashboards.

The company seeking this technology is able to adapt it to specific local market needs and provide the professional services needed to perform those activities.

Technical Specifications / Specific technical requirements of the request:

Mediation devices able to capture E1 (ATM/PCM), STM1 (ATM/ PCM) and GbE data.

Applications to process those data and show relevant, integrated and aggregated information.

Collaboration Type:

- Joint Venture Agreement
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: Manufacturer with hw and sf production capabilities.

Specific area of activity of the partner: Telecomms technologies design and manufacturing.

Task to be performed by the partner sought: Adaptation to specific local market needs based on inputs provided by the company

Technologia recyklingu telefonów komórkowych

Technology for the mobile phone recycling

(Ref: 09 IT 54V8 3E26)

Prywatny instytut badawczy z Włoch przeprowadził szczegółową analizę produktu oraz składu pierwiastków i substancji odpadów z telefonów komórkowych.

Firma ta poszukuje partnera przemysłowego z branży sprzętu elektrycznego i elektronicznego, zainteresowanego rozwojem technologii recyklingu tego rodzaju materiałów.

The Basel Convention and regulation by the European Union and individual United States aim to reduce health and pollution problems arising from the processing of waste electrical and electronic equipment (WEEE). WEEE reuse and recycling are promoted as alternatives to disposal as trash. In the framework of the European Community directive 2002/96/EC on WEEE, the companies are compelled to use the collected waste in an ecologically-friendly manner, either by ecological disposal or by reuse/refurbishment of the collected WEEE.

In order to assess the environmental impact of mobile phones, there are various points to analyse: production materials, energy consumption, waste production, disposal and recycling. Our studies considered: material analyses and weighing (phone, packaging and accessories), disassembly easiness, crushing of phones, detailed chemical analysis. The results obtained by this kind of studies provide useful knowledge to adopt strategies to scale down packaging, standardize accessories, increase the use of recyclable materials, etc.

Technical Specifications / Specific technical requirements of the request:

A partner from the Waste Electrical and Electronic Equipment industry who would be interested in the development of a technology for the recycling of this kind of materials is needed.

Current and Potential Domain of Application:

Material recycling.

Collaboration Type:

- Joint further development
- Testing of new applications

- Technical consultancy
- Quality control

Type of partner sought: Industry; technical center; technology transfer centre.

Specific area of activity of the partner: material recycling, WEEE management.

Task to be performed: developing strategies to enhance the recycling/reusing/refurbishing of mobile phone waste.

Francuskie MŚP zaprasza do składania propozycji na podwykonawstwo produkcji polimerów

A French SME invites proposal for sub-contracting in production of polymers

(Ref: 09 FR 3615 3EDP)

Francuskie MŚP specjalizujące się w rozwoju specjalistycznych polimerów, a także produktów o wysokiej wartości, jak lakiery do powłok, poszukuje partnera przemysłowego posiadającego moce produkcyjne dla produktów niszowych i/lub aplikacji produkowanych w dużych wolumenach.

Docelowe profile obejmują firmy zainteresowane długoterminowym partnerstwem i oferujące know-how oraz umiejętności skalowania procesów chemicznych.

A French SME company specialized in the development of specialty polymers as well as high value formulated products such as varnishes for coatings searches for an industrial partner having production capacities for niches products and/or large volume applications.

Targeted profiles are companies which are interested in a long term partnership and offers know-how and skills in scaling up chemical processes.

Technical Specifications / Specific technical requirements of the request:

The company has developed different ranges of products which have applications in various industrial fields, like, for example, microelectronics and optics. Other fields are likely to offer significant growth for our company. The company aims at establishing strong industrial collaboration

with companies desiring to extend the portfolio of their products and to benefit of growth opportunities.

The company has patented innovative processes to prepare new products (polymer raw materials) as well as polymer based formulations.

Technical specifications to implement the process are:

Synthesis of raw materials:

- 50Kg and 200Kg batch capability.
- Bulk preparation.
- Viscous reaction medium processing.
- Vacuum distillation.
- No metal contamination.
- Acrylic monomers processing.

Formulation of polymers products:

- 100 Kg to 1T batch capability.
- Waterborne products.
- Good control of temperature process.

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Transfer of knowledge in new raw materials
- New way to use an existing production line
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Absolutely novel process
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: technical and commercial.

Specific area of activity of the partner: chemical industry.

Task to be performed by the partner sought: production of chemicals.

Francuskie MŚP zaprasza do składania propozycji na podwykonawstwo produkcji środków chemicznych

A French SME invites proposal for sub-contracting in the area of production of chemicals

(Ref: 09 FR 3615 3EDO)

Francuskie MŚP opracowało różne gamy lakierów w oparciu o technologie metody mokrej w chemii oraz chemii akrylowej/krzemowej.

Poszukiwane partnerstwo przemysłowe i/lub handlowe z sprzętem do dystrybucji cieczy/lakierów do zastosowań związanych z powłokami powierzchni średnich/dużych i pokrywania obiektów 3D.

A french SME company has developed different ranges of varnishes based on wet chemistry and acrylic/silicone chemistries.

Current markets or potential markets: plastics based automotive equipments, plastics based aeronautic equipments for interior applications, optical components, ophthalmic materials, textile substrates, flooring substrates, man protection equipments, plastics based decorative goods...
Search for : industrial and/or commercial partnerships with liquid/varnishes dispensing equipments for medium/large surface coating applications and coating of 3D objects.

Technical Specifications / Specific technical requirements of the request:

The company desires to work in collaboration with dispensing equipment manufacturers and distributors to:

- Promote innovative varnishes offering excellent cost/performance solutions to various industries.
- Diversify the scope of applications of current dispensing equipments.
- Elaborate new dispensing devices and automation systems for new growth markets.

Typical dispensing equipments: spin-coating, dip-coating, spray coating, flow coating, roll coating...

Deposition and curing conditions: room temperature coating, thermal (IR furnaces...) and/or UV curing, compatible with usual pre-treatment processes (cleaning, atmospheric plasma, corona, primer technologies...).

Typical targeted properties: easy-to-clean, abrasion resistant, optical filtering, color effects...

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Transfer of knowledge in new raw materials
- New way to use an existing production line
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Absolutely novel process
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: technical or commercial.

Specific area of activity of the partner: industrial partner.

Task to be performed by the partner sought: production of chemicals.

Technologia do wizualizacji 4D dla celów diagnostycznych i szkoleniowych w zawodach medycznych

4D visualisation technology for diagnostics and training in the medical profession

(Ref: 09 NL 60AF 3D26)

Holenderskie MŚP opracowało technikę przekształcania kilku źródeł (rezonansu magnetycznego, tomografii komputerowej, pozytronowej emisyjnej tomografii, ultradźwięków) w filmy 3D, gdzie można manipulować obiektami i wykonywać ich przekroje. Technika ta szczególnie dobrze sprawdza się w edukacji i szkoleniach dla zawodów medycznych.

Poszukuje się partnerów do rozwoju (do skali audytorium oraz użytkowania na stanowiskach studentów), opracowanie aplikacji i treści.

In basic medical training and during advanced medical specialization a detailed understanding of the lay-out and the mechanics of the human body is essential. 4D (3D + Time) representations are a great aid in

achieving this knowledge. Training however, is mainly done by means of 2D interfaces (books, movies, and computer using mouse and keyboard). Availability of real (dead) bodies for training in the anatomy theatre is limited.

The company owns a 3D visualization technology that enables anyone to intuitively interact with 3D/4D data. In the workstation a user can hold the 3D/4D data virtually and analyze it inside and out.

Medical specialists (e.g. radiology, cardiology, oncology and neurosurgery) and educators in the field have indicated that by using this technology, medical training becomes more efficient as required knowledge can be absorbed in a shorter period of time.

It is intended to integrate this technology in an 'auditorium setting' as well as in 'student workstations'. To roll out the technology is necessary to develop applications and content for several specific topics.

Technical Specifications / Specific technical requirements of the request:

The technology converts data from several sources (MRI, CT, PET, Ultrasound) into 3D movies. The technology is built into a desktop virtual reality system with dedicated software for quick and intuitive analysis of 3D and 4D (movies) data. 4D and 2D information are combined in one screen. Tangible, wireless devices are used for 3D interaction, and a standard mouse and keyboard for 2D interaction. Position and orientation of the devices provide great precision using a proprietary optical tracking system.

Current and Potential Domain of Application:

Medical schools and specific training programs in Medical Centers. Diagnostics.

Potentially this is a platform technology, useable in many fields. The company however prefers to focus on medical applications.

Collaboration Type:

- Joint further development
- Adaptation to specific needs

Type of partner sought: End-users Co-developers Content suppliers.

Specific area of activity of the partner: Multimedia, medical imaging, medical education.

Task to be performed: Adapting the technology to several platforms, providing content, joint development, improving the interface.

Bardzo wrażliwe czujniki masy opartych na mikro systemach hamulcowych

High sensitive mass sensors based on micro cantilevers

(Ref: 09 IT 53U1 3F6Y)

Włoskie MŚP poszukuje bardzo wrażliwych (10-1 – 10-2 pg) czujników masy opartych na mikro systemach hamulcowych. Czujniki mają na celu pomiar masy prób biologicznych. Idealne byłyby pełne pomiary jednostek z wykorzystaniem mikro-systemów hamulcowych oraz już opracowanych systemów kontrolnych / odczytu elektronicznego.

An Italian SME which produces devices based on high sensitive mass sensors (e.g. quartz crystal microbalance), as part of a R&D project, is developing an innovative device for the measurement of mass of specific biological samples, with sensitivity of (10-1 - 10-2 pg).

The project requires the core of the device being a mass sensor based on micro-cantilevers.

The company is looking for micro-cantilevers (see technical specifications). However a complete measurement unit, with control/reading electronics would be ideal.

Technical Specifications / Specific technical requirements of the request:

They are searching for a micromechanical cantilever sensor. Their purpose is to use the cantilever as mass sensor and we need a sensitivity of about 10-1 - 10-2 pg.

The geometrical dimensions of the cantilever have to ensure the sensitivity indicated previously; the typical geometrical dimension is indicated:

- length: 200 - 500 μm ,
- width: 100 - 300 μm ,
- thickness: 5 - 20 μm .

They want to perform mass measurement in dynamic mode, i.e. using the cantilever as a mechanical resonator. We indicate the range of the fundamental resonance frequency: 20 - 200 kHz.

In order to perform a specific read - out technique, they prefer to use two specific type of cantilever:

1. piezoelectric cantilever: the cantilever is embedded in a wafer of piezoelectrical material;
2. piezoresistive cantilever: the cantilever has diffused piezoresistors in both of the legs and a Wheatstone bridge circuit embedded.

Collaboration Type:

- Adaptation to specific needs
- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought and specific area of activity of the partner:

A high tech company with core business ranges from developing and prototyping to producing SPM (Scanning Probe Microscopy) , AFM (Atomic Force Microscopy), SNOM (Scanning Near-field Optical Microscopy) sensors, micro- nanogrippers, for micromechanics and piezoresistive applications and their related fields in R&D, characterisation of surface topography, process control, micro- nanomanipulation and bioanalytics.

Task to be performed by the partner sought: developing, manufacturing and supplying the required technology.

Rozwiązanie do rozpoznawania mowy w języku łacińskim

Latin-language voice recognition solution

(Ref: 10 FR 37M3 3HP7)

Francuskie MŚP specjalizujące się w technologii cyfrowej oraz zunifikowanych systemach komunikacyjnych poszukuje gotowego do użytku rozwiązania do rozpoznawania głosu. Docelową grupą językową jest język łaciński, a najlepiej francuski.

Firma poszukuje partnerów do umowy handlowej ze wsparciem technicznym, najchętniej wśród firm lub jednostek badawczych.

A French SME, specialized in mobile telephony, offers to his customers solutions in unified communication systems (externalized telephony over internet protocol, facilities management, fax services, voice grade server, interactive voice server, call center, teleconferencing) enabling easy communication everywhere.

They are searching voice recognition systems for latin languages, mainly for French language.

Commercial agreement with technical assistance is preferential sought with organizations.

Technical Specifications / Specific technical requirements of the request:

Ready-to-use technical solution for latin languages, easy to integrate among the panel of the unified communication system.

Current and Potential Domain of Application:

Unified communication solution.

Collaboration Type:

- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: company, research entity.

Specific area of activity of the partner: voice recognition, speech technology for latin languages.

Task to be performed by the partner sought: bring the read-to-use solution.

Technologia zasilania dla zawsze gotowych, małych, przenośnych urządzeń elektronicznych

Power technology for always ready small, portable, electronic device

(Ref: 10 BE 0213 3HJN)

Wielonarodowa firma z siedzibą w Brukseli, działająca w sektorze dóbr konsumenckich, pragnie zidentyfikować i rozwijać technologie utrzymujące małe, przenośne urządzenia elektroniczne w stanie gotowości, nawet w przypadku wyczerpania baterii. Preferuje się partnerów o dużej wiedzy, technologii, urządzeniach oraz zdolnością do prowadzenia testów/symulacji. W przypadku konieczności dalszych badań, preferowane oferty będą zawierać okres 0-1 roku na badania wraz z znaczącymi postęпами w okresach 2-miesięcznych. Poszukuje się partnerów do różnego rodzaju współpracy.

This Brussels based company looks for knowledge, technologies or solutions supporting always ready small, portable, electronic devices.

Small portable devices play an important and often critical role in the medical, industrial and consumer markets. Many such devices enable mobility and freedom from the grid. This generally translates into a need for battery power. Although it is inconvenient or at least non-ideal for these devices to require the operator to replace or recharge the batteries, it is an acceptable trade-off for the freedom of movement they enable. However, some devices used in more critical applications need to be always "ready to go". Unfortunately, the state of charge of their batteries may not be known. The time lost in replacing or recharging them could be unacceptable. In such cases it is therefore desirable to utilize one or more approaches to ensure that the batteries are always charged, or even to power the device directly through its interaction with the user if the batteries are completely dead.

Technical Specifications / Specific technical requirements of the request:

Interested parties should seek to demonstrate technologies or devices that will accomplish one or both of the following objectives:

- 1) Keep batteries always charged & ready to go.
- 2) Directly power portable, untethered devices which contain no batteries or dead batteries.

Solutions to Objective 1 are expected to come via scavenging or harvesting energy from ambient sources, though other approaches will be considered.

Energy sources of interest include:

- Light (indoor and solar).
- Vibration.
- Heat.
- Air.
- Motion.
- Electromagnetic.
- Sound.
- Other.

These could be generated by human action or natural phenomena.

Solutions to Objective 2 could also come via energy harvesting, but the power requirements would be much higher since this presumes the device's onboard batteries are either dead or nonexistent. Other types of solutions are possible in this case, such as those which involve additional actions by the user. An example of such would be a hand crank that drives a dynamo. This example has already been considered and it's hoped that more elegant or novel approaches will be submitted in response to this request.

“Demonstration” is defined as operation of a product or prototype (at least on the laboratory scale) that provides useful power to a device or battery and can be carried by an individual with minimal effort. If a concept for such has been developed, but not yet reduced to practice, then a proposal for a project to develop a prototype will be considered.

Specific measures of success will vary with the focus area and the specific technology employed. Preferred approaches will meet the following:

1) Powering devices with batteries:

- a. Technologies to keep the battery “topped off” (>5 mW).
- b. Size about 10-20 cm³.
- c. Cost about \$2-3 in MM quantities.

2) Powering devices without batteries:

- a. Technologies that can deliver >300 mW to the device when it needs to be used.
- b. Size about 1-2 cm³.
- c. Cost about \$2-3 in MM quantities.

The company is NOT seeking:

- Theoretical proposals, unless experimental verification is possible.
- Power sources with user-replaceable components.

Responses are limited to no more than 3 pages. It should briefly describe the technical approach, provide information on technology performance, background, and description of the responding team members and their related experience.

The response will be evaluated using the following criteria as they may apply:

- Overall scientific and technical merit of the proposed approach.
- Approach to proof of concept or performance.
- Potential for proprietary position (i.e. is the technology novel or patentable).
- Economic potential of concept.
- Capabilities and related experience of provider.
- Realism of the proposed plan and budget.

If the response is of interest to the multinational company, potential partners will be contacted for next steps, which may include a request for a more detailed proposal. In some cases, the company will provide further information under non-disclosure agreement (NDA). Expect an initial response in 2-3 weeks.

By submitting a response the potential partner represents that the response does not and will not be deemed to contain any confidential information of any kind whatsoever.

By submitting a response, the potential partner acknowledges that the company reserves the sole and absolute right and discretion to select for award, all, some, or none of the responses received for this announcement. The company may also only choose to select specific tasks within a proposal for award.

Current and Potential Domain of Application:

Medical, industrial and consumer markets

Further Information (Technical Details Concerning the Profile):

This Brussels based company is prepared to provide some funding to support this effort, with the amount depending on the scope of the initiative. Proposals might be structured as one large contract or multiple smaller segments. Additional business / financial arrangements resulting from

successful projects, including the purchase of equipment and/or services, will be addressed separately.

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Engineering

Type of partner sought: SME or industry.

Specific area of activity of the partner: Electronic devices.

Task to be performed by the partner sought: The requested partner should provide the company with the requested technology or device, or alternatively adapt an existing tool to the specific needs of the company.

Zaawansowane rozwiązania poprawiające warunki rozrywki dla pacjenta, komunikacji oraz przepływu informacji w szpitalach

Advanced solutions that improve the patient's entertainment, communication and the information flow in hospitals

(Ref: 09 ES 28F9 3DX6)

Hiszpańska firma poszukuje zaawansowanych rozwiązań dla opieki zdrowotnej w celu poprawy komunikacji pacjentów w szpitalu i poza nim poprzez konferencje audio/wideo. Poszukiwana technologia powinna zapewniać nowe sposoby rozrywki oraz zapewniać bezpieczny i uproszczony przepływ informacji w obszarze dla pacjentów.

Spółka oczekuje zawarcia umowy handlowej wraz z wsparciem technicznym z twórcami takiej technologii.

The technology sought must preferably include the following features:

Each patient should have access to a touch screen – LCD type – that it would be bound to an articulated mechanical arm, in order to allow that either the patient or the doctor or the nursing staff uses it with different purposes.

- Patients: The patient could use it for entertainment purposes (TV/Video on demand) and/or, communication purposes (telephony, Video conferencing, ordering meals, etc.).
- The doctor and nursing staff: They should have access to the hospital's information system, patient's information records, high-quality diagnostic images, prescription orders, etc.
- The Hospital Administration should have access to all the billing records originated by the doctors (medicines, diagnostic tests ordered from the system, etc) and the patient activities (entertainment, communications, etc).
- Security: Both doctors and nursing staff would have a chip card (or similar security token) in order to secure the access to each type of information. Furthermore, the patients would have other access card for non free services.

The Spanish company, looking for this technology, is able to adapt and implement it in hospitals, and to reach potential agreements with other local partners with expertise in e-health technologies, adding even more technology value to this technology sought.

Technical Specifications / Specific technical requirements of the request:

- The system should have the possibility to be integrated with existing or new solutions from telecom vendors.
- The system should be addressed to big hospitals.
- Knowledge of hospitals technology is essential in the technology developer.

Collaboration Type:

- Joint Venture Agreement
- Assembly
- Engineering
- Technical consultancy
- Quality control

Type of partner sought: industrial partner, enterprises developing technologies for hospitals.

Specific area of activity of the partner: R&D in e-Health technologies.

Task to be performed:

- Supplier of SW/HW solution;
- The partner should provide support during the system integration process.

System nadzoru dla elementów pasywnych komunikacyjnej sieci dostępu światłowodowego GPON

Supervision system for the passive elements of a GPON fiber access communication network

(Ref: 09 ES 28F9 3DXE)

Hiszpańska firma poszukuje zaawansowanych technologii do nadzoru wszystkich elementów pasywnych komunikacyjnej sieci dostępu światłowodowego GPON (Gigabit-capable Passive Optical Network). Spółka oczekuje zawarcia umowy spółki lub umowy handlowej wraz z wsparciem technicznym z twórcami takiej technologii.

The technology sought is a supervision system for all the passive elements of a GPON (Gigabit-capable Passive Optical Network) fiber access communication network. This technology should allow Telecom operators to detect any possible issue that could arise in the fiber network and/or in any of the passive elements included in a GPON access area network.

This technology has been detected as a need in our local market, so the company will drive the introduction of this technology in the Spanish market, either working locally with telecom operators and/or through potential agreements with the main GPON manufacturers in order to implement the solution in the operator network.

The recipient of the technology will also drive the lab trials in order to adapt the technology to local requirements.

Technical Specifications / Specific technical requirements of the request:

- Graphical GUI based on standards.
- Ability to manage thousands of passive elements in a nation-wide deployment.
- The system should run on high-availability telco computing platforms...
- Ability to manage passive GPON elements from main manufacturers.

Collaboration Type:

- Joint Venture Agreement
- Assembly
- Engineering
- Technical consultancy

- Quality control
- Maintenance

Type of partner sought: Industrial partner, Spin-off of an University lab, University R&D group.

Specific area of activity of the partner: R&D in GPON networks.

Task to be performed: The task will depend on the maturity level of the proposed solution. Support in the lab/field trials...

Hydroinformatyka, systemy SCADA i zarządzanie wiedzą

Hydroinformatics, SCADA systems & knowledge management

(Ref: 09 IT 53V2 3DIA)

Włoskie MŚP działające w branży oprogramowania, systemów nadzoru i kontroli dla przemysłu wodnego, gazowego i naftowego, poszukuje partnerów technicznych w dziedzinie hydroinformatyki, systemów SCADA (Supervisory Control and Data Acquisition) oraz zarządzania wiedzą, którymi mogą być zespoły badawcze w przemyśle wodnym, gazowym, elektrycznym i telekomunikacyjnym i/lub dystrybutorzy/ operatorzy techniczni.

An Italian company, which was founded in 1986, plans, realises and implements innovation projects through its laboratories in Northern and Southern Italy in order to optimise the management of technological networks and environmental systems.

It provides advanced services in the management of fluid networks. It designs and produces software, supervision and control systems for water, gas and petrochemical industries.

The company develops innovative software technologies designed to reduce energetic and management costs, as well as improving the network service quality.

It supports the clients through services for management of the integrated water cycle. It also provides support for the management of gas, electric and telecommunications utilities through consulting and facilities management via remote assistance and videoconferencing.

Technical Specifications / Specific technical requirements of the request:

- Knowledge-based systems to find the optimal control of a complex industrial system.

- Advanced mobile software system for utilities management, supervisory hierarchical platform to control complex industrial systems, data mining, genetic algorithms, etc.

The technologies are innovative, easy-to-use products and services to manage complex systems and save money in terms of water and energy losses.

Current and Potential Domain of Application:

Telecommunication or utilities field: water, gas, electricity.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Engineering

Type of partner sought: Company involved in the telecommunication or utilities field.

Specific area of activity of the partner: Water, gas, electricity and telecommunications utilities sector.

Task to be performed: The partner should be involved in commercial agreements with technical assistance.

Dalsza pomoc technologiczna przy rozwoju specjalnie zaprojektowanej lalki

Further Technological Assistance on Development of a Specially Designed Toy Doll

(Ref: 10 TR 99PB 3HBJ)

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Tureckie MŚP wykonało prace przedrozwojowe w odniesieniu do zabawki o nazwie „Chakra Baby”, zaprojektowanej do edukacji duchowej poszczególnych osób. Mimo to, ponieważ wyprodukowany prototyp wymaga dalszego rozwoju, a także potrzebna jest dalsza pomoc w celu komercjalizacji tego produktu, poszukuje się partnera z branży lub centrum technologicznego w celu licencjonowania produktu i/lub zawarcia umowy produkcyjnej, a także współpracy technicznej. W średnioterminowej perspektywie można też negocjować umowę spółki.

The pre-developed product, “Chakra Baby” is expected to inform people about the energy spots (Chakras) in human body according to Kundalini, the energy which maintains spiritual growth of human being due to ancient Indian tradition.

The already manufactured basic prototype is under industrial design registration in Turkey however, the prototype is functionally and technically open to development. Thus, the company would like to cooperate with partners for further development and subcontract the production.

Technical Specifications / Specific technical requirements of the request:

The prototype is 25 cm in length. Due to the spirit of conformity; the construction material of Chakra Baby is transparent and light-honey coloured silicone (PVC 780, PVC 870, PVC 816, VYTA or other convenient alternatives).

The chakras are enlightened by coloured lights peculiar to each chakra’s meaning. In addition, in order to explain and describe each chakra’s meaning and content, an audio system controlled in the palms of the right and the left hand is set up, but may be developed according to the sought partner’s advice and technology.

Current and Potential Domain of Application:

Estimated target customer audience consists of spiritual health agencies, spiritual development organizations, individuals who are interested in spiritual training and growth all over the world especially those from the US, Europe and China. The request is for further development of a toy doll in toy market.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Joint further development
- Adaptation to specific needs
- Transfer of knowledge in new raw materials

Type of partner sought: Industry, Technology Transfer Centre.

Specific area of activity of the partner: Toy producers, companies and developers dealing with toy electronics etc.

Task to be performed by the partner sought: The Turkish company transfers its basic know how to the sought partner whilst the experienced partner will help further development of the toy and make available its manufacturing facilities for production.

License Agreement: Exploitation of the technology through local channels.

Technical Cooperation: Further development and adaptation if needed.

Manufacturing Agreement: Knowledge transfer and manufacturing of the product by contracting for production

Technologia i komponenty do produkcji urządzeń dokonujących pomiaru wilgotności względnej

Technology and components for the production of relative humidity measuring devices

(Ref: 10 NL 60AH 3H79)

Holenderskie przedsiębiorstwo produkcyjne wytwarzające urządzenia do pomiaru temperatury ma ambicję rozszerzenia swojej gamy produktów.

Spółka szuka partnerów mogących zapewnić wiedzę technologiczną i komponenty do produkcji urządzeń do przeprowadzania pomiarów wilgotności względnej, zainteresowanych umową licencyjną i/lub umową handlową wraz z wsparciem technicznym.

The young and growing company is centrally located in the Netherlands. Their key activities include custom development, manufacture & assembly and marketing & sales of temperature sensors. The sensors are marketed in the horticultural, installation, medical, (petro)chemical and OEM sectors.

With their client-base throughout the Benelux and their production plant, the company wishes to extend their product range with relative humidity measuring devices. Partners are sought to provide knowledge and components. The collaboration could focus on a license deal or a purchase-sales relation.

The company has a strong link to Germany and Poland through their main share holder.

Technical Specifications / Specific technical requirements of the request:

The company wants to manufacture and assemble the relative humidity measuring devices themselves.

Current and Potential Domain of Application:

The technology and components sought will be applied in machines and production processes in the horticultural, installation, medical, OEM and (petro) chemical sectors.

Collaboration Type:

- License Agreement
- Joint further development
- Adaptation to specific needs
- New way to use an existing production line
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Assembly

Type of partner sought: any provider of technology and/or components for the manufacturing of relative humidity measuring devices.

The cooperation aims on a license agreement, or a purchase-sales relation.

Innowacyjne narzędzia do edukacji i rozwoju osobistego

Innovative tools for education and personal development

(Ref: 10 GB 4303 3H5G)

Niewielka firma brytyjska poszukuje nowych i innowacyjnych produktów do edukacji i rozwoju osobistego. Spółka jest zainteresowana poszerzeniem swojej gamy produktów rozrywkowych i innowacyjnych na rynku brytyjskim i poszukuje partnerów, co może zaowocować umową licencyjną i umową handlową z wsparciem technicznym.

A UK company that supplies innovative IT tools for education and personal development wishes to extend its product range through collaboration and licensing arrangements. The company is seeking innovative and fun to use products that could be easily adapted for the UK market. This could include products for personal development and home learning including serious games. Topic areas could include for example: learning languages, passing driving tests and the development of skill sets for recreation, personal and professional development. The company would be interested in identifying partners that have such products in development or that are relatively new to the market. Serious games are of particular interest.

Technical Specifications / Specific technical requirements of the request:

Innovative, effective fun to use IT products easily adaptable to the UK market.

Collaboration Type:

- License Agreement

Type of partner sought: Industrial.

Specific area of activity of the partner: ICT and educational tools.

Task to be performed by the partner sought: Licensing, training and access to further developments.

Jednojęzyczna technologia syntezy mowy TTS w języku francuskim

Monolingual Text-to-Speech French Voice Synthesis Technology

(Ref: 10 ES 25E2 3GZ6)

Katalońskie technologiczne centrum badawcze oraz katalońska firma specjalizująca się w badaniach i rozwoju syntezy mowy do aplikacji komputerowych (Hiszpania) wspólnie opracowały dwujęzyczny model i głos syntezatora mowy w języku hiszpańskim/katalońskim.

Poszukują oni partnera do opracowania jednojęzycznej zaawansowanej technologii syntezy mowy TTS w języku francuskim, oferującej przekazanie zarówno charakteru, jak i emocji w głosie.

The objective of this demand is the joint participation to develop the commercial French language model. Collaboration between Catalan Technological Centre, Catalan company, and the new partner in the research of the new model is expected. The new partner will have exclusive rights for the marketing of the French language model for France and access to other technologies to assist in the sale.

The ideal partner is a company that has developed speech based applications – but wants to have a better quality TTS engine – based on the latest speech synthesis technology. Including a parametric engine.

Technical Specifications / Specific technical requirements of the request:

The partner will provide the language resources, a native technician specialized in French and to be able to finance their part of developing a French language model and recording and developing a fully emotional French voice for synthetic speech output by any type of computer / PDA device.

Catalan partners will provide their own program, the training and management of the specialized language technician and will perform the necessary modifications in the motor (“motor speech”) of the before mentioned program so it fits the requirements of new language.

Current and Potential Domain of Application:

- Commercial communications.
- Radio and TV broadcasting stations.

- Cable TV & pay TV systems.
- Internet communications & infrastructure.
- E-commerce technology.
- Communications products / services.
- Education.
- Voice synthesis.
- Education & educational products & materials.

Collaboration Type:

- License Agreement
- Joint further development

They are looking for an industry, an academy or a research organisation,...

The tasks to be performed by the partner are the joint development of the French language and voice model.

Informatyczny system księgowy dla działalności logistycznej

Accounting information system for logistic activities

(Ref: 10 LT 57AB 3GWB)

Litewska spółka poszukuje rozwiązania technologicznego zdolnego do monitorowania oraz informatycznej technologii księgowej do zastosowań w logistyce.

A Lithuanian company is in search of a technology for the monitoring, work planning and accounting of its internal logistics. The technology should be able to monitor the distribution and logistics (ship, flight or road) and use this information to plan and execute work or mail couriers.

Technical Specifications / Specific technical requirements of the request:

The information system should be able to monitor real time logistical movements. Furthermore it should be capable of planning and executing the work related to the logistic activities. All information should be accessible through a (internal and external) website to provide access of information inside and outside the company.

Current and Potential Domain of Application:

Internal back-office for monitoring and planning of logistics, with a possible external website that publishes selected information online.

Collaboration Type:

- License Agreement
- Testing of new applications
- Adaptation to specific needs
- Technical consultancy

Type of partner sought: company.

Specific area of activity of the partner: ICT.

Task to be performed by the partner sought: to supply an Information System.

Semantyczna architektura ESB

Semantic Enterprise Service Bus

(Ref: 10 ES 27F4 3GZS)

Hiszpański zespół badawczy opracował narzędzie próbujące połączyć najlepszą architekturę ESB z semantycznymi usługami sieciowymi, aby rozwiązywać problemy integracji aplikacji, zwaną semantyczną architekturą ESB (semESB). Zespół ten już poczynił pewne postępy, jednakże potrzebna jest współpraca, aby można było osiągnąć sukces.

Zespół ten poszukuje partnerów do współpracy nad rozwojem semantycznej architektury ESB. Poszukuje się przedsiębiorstw lub instytucji zainteresowanych taką współpracą techniczną.

An Andalusian Research Group from a University (Spain) is currently working in the development of a Semantic Enterprise Service Bus (SemESB).

As the integration of applications is a current problem, a new computing paradigm is emerging. This new generation uses the concept of service as the atomic unit for large-scale computing, where the Web is the infrastructure which makes it possible.

In order to deal with services on this scale, Semantic Web Services have been proposed as the conjunction of Web Services and Semantic Web technologies. To this end, the Andalusian Research Group is developing a platform to enable the Semantic Web Service life-cycle according to the OASIS SEE (Semantic Execution Environment) TC.

The Enterprise Service Bus (ESB) is used as the backbone for this proposal of technical cooperation. It is possible to use Semantic Web Services in conjunction with an ESB to define a Semantic Enterprise Service Bus (SESB). The SESB would provide mechanisms to join all these technologies and acts as a layer to overcome the problem of applications integration..

Technical Specifications / Specific technical requirements of the request:

For several years, many approaches to overcome the application integration problem have been proposed, i.e. CORBA (Common Object Request Broker Architecture), EAI (Enterprise Application Integration), ESB (Enterprise Service Bus), etc. Despite these approaches relying on different technologies and mechanisms, they share a common point of view: software engineers are responsible for understanding the different application specifications and coordination is necessary to build a more complex system.

Until today, proposals have been focused on providing a middleware to solve heterogeneity and communication problems among applications without taking into account information relative to the meaning of the data that these applications can process. So, a tool capable of processing this kind of information would be very helpful for software engineers.

The objective relies on applying this idea to Semantic Web Services. In this way, a tool like this could facilitate frequent tasks in this field such as service composition and discovery.

The SemESB is an attempt which tries to combine the best of an Enterprise Service Bus with Semantic Web Services approaches to deal with the application integration problem. SemESB relies on WSMX (Web Service Modelling eXecution environment), which is the reference implementation for the Web Service Modelling Ontology.

Current and Potential Domain of Application:

Business Application Integration, Software Engineering.

Collaboration Type:

- Joint further development

Type of partner sought: SME, Companies, University, Technology Institutes.

Specific area of activity of the partner: Business Application Integration.

Task to be performed by the partner sought: The partner sought will collaborate in the further development.

Technologie audio 3D oraz wiedza na temat wizualnych projektów w 3D

3D audio technologies & expertise for projects in 3D visual

(Ref: 09 FR 37M3 3CT7)

Francuskie MŚP o innowacyjnej i cenionej działalności (odznaczone jako najbardziej innowacyjne nowe przedsiębiorstwo we Francji), posiadające wiedzę i technologie w dziedzinie audio 3D, poszukuje partnerów do wizualnych projektów 3D w celu współpracy technicznej oraz badawczo-rozwojowej. Owe dwie technologie (dźwięk 3D i wizualizacja 3D) są różne i się uzupełniają, a mogą prowadzić do pełnego rozwiązania 3D do zastosowań przemysłowych, militarnych, symulacyjnych, rzeczywistości wirtualnej, gier, czy urządzeń przenośnych.

Poszukuje się partnerów w formie firm, ośrodków badawczo-rozwojowych, lub uniwersytetów.

A French SME has successfully developed patented solutions in 3D audio, thanks to strong R&D activities involving engineers in acoustics/electronics/informatics/mathematics, through algorithms development and integration into sound devices (they master and create 3D algorithms for sound spatialisation). They were decorated as the most innovative start-up in France by the research ministry two years in a row.

They are willing now to capitalise their innovations and competences with broader 3D applications through transnational partnership and integrate technological and R&D projects (of which FP7 and Eureka/Eurostar) with partners in 3D visual.

Technical Specifications / Specific technical requirements of the request:

The technologies (3D audio & visual) are different and complementary: both combined, they enable 3D innovative solutions. The audio expertise and devices integrated into visual technologies can enhance applications.

Current and Potential Domain of Application:

Automotive, virtual reality/simulation, industrial and military, architecture/urbanism, PC peripherals, mobile devices, gaming, animation, virtual reality/simulation.

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Companies, R&D entities, universities...

Specific area of activity of the partner: 3D visualization and simulation.

Task to be performed: Bring specifications.

„Kamera” lub czujnik do warunków ekstremalnych

"Camera" or sensing device for extreme conditions

(Ref: 10 NO 79EL 3GNA)

Norweskie MŚP opracowało nowoczesny system interwencyjny dla odwiertów ropy i gazu. Ta nowa metoda opiera się na wciśnięciu półsztywnych „rdzeni” węglowych w aktywne odwierty. Dotychczas ta nowa metoda jest skutecznie stosowana. Jednakże, firma pragnie ulepszyć swój produkt, z głównym naciskiem na wdrożenie do systemu „kamery” lub innych urządzeń czujnikowych pracujących w ekstremalnych warunkach.

Firma poszukuje partnerów posiadających wiedzę, doświadczenie oraz warunki do testowania takich rozwiązań.

The Norwegian SME is an international well technologies company. Main products and services are wellbore monitoring solutions, well completion systems, artificial lift systems and innovative well intervention solutions.

The company provides optimized reservoir solutions focused on increased reservoir drainage and improved sweep efficiency.

Basically there are two wellbore interventions for production- and injection wells: Wireline and Coiled Tubing. But now the Norwegian SME has introduced a third alternative. Through an extensive development project they have developed a method based on pushing a semi-stiff and spoolable carbon "rod" into live wellbores. The method is utilizing surface equipment similar to wireline and coiled tubing interventions, but much smaller in size and weight than coiled tubing.

Technical Specifications / Specific technical requirements of the request:

The company now wants to further improve the product, with main focus on implementing "camera" or other sensing devices for extreme conditions to the system.

The equipment operates in harsh wellbore environment at 150 C and a pressure at min 15.000 psi.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Looking for partners with knowledge, experience and testing facilities for this kind of equipment.

Specific area of activity of the partner: Industry or R&D.

Task to be performed: Identifying new devices to achieve the mentioned objectives.

Build and test prototype.

Integracja systemu technologii komórkowej 3G z zabezpieczeniami i innego rodzaju czujnikami

System Integration of 3G Mobile Technology with Security & Other Sensor Types

(Ref: 10 GB 4201 3GE5)

MŚP z siedzibą w Wielkiej Brytanii opracowało technologię telekomunikacyjną do telefonów komórkowych zapewniającą dostęp do materiałów audio i wideo na żywo lub innych form natychmiastowych powiadomień poprzez telefony komórkowe. Technologia ta wykorzystuje połączenie komunikatora Bluetooth z różnymi czujnikami na zasadzie wtyczek.

Nasz klient poszukuje partnerów do współpracy technicznej wśród producentów czujników, przy czym współpraca miałaby dotyczyć rozwoju bardziej elastycznych lub zintegrowanych systemów.

Our client has developed and patented a 3G mobile telecommunications technology which provides an instant security alert to a mobile phone for use in such applications as child monitoring and home or office security.

The product uses a wide variety of sensor options in conjunction with a Bluetooth messenger unit to provide a local alert such as intruder detection to a mobile phone. The local phone can further convey a global alert to a second mobile phone via SMS, MMS, email or other formats.

The system is currently modular and can be used with various sensor types (reed switch, movement detector, smoke alarm) available to plug into the universal Bluetooth messenger unit. Our client is seeking to further improve the product through more flexible combination or integration of the sensor and messenger units with improved aesthetics.

Technical Specifications / Specific technical requirements of the request:

The company is seeking technical cooperation with manufacturers of various sensor types including for example PIR detectors, reed switches, smoke detectors, pressures switches, acoustic sensors to develop integrated devices or other such improvements.

Collaboration Type:

- Joint further development
- Adaptation to specific needs

Type of partner sought: Large companies or SMEs.

Specific area of activity of the partner: Manufacturers/designers of sensors.

Task to be performed by the partner sought: Electronic design and integration. Further development of product aesthetics to be sold to specific market places.

Taśma samoprzylepna o dużej przewodności cieplnej i elektrycznej jako materiał montażowy

A highly thermally and electrically conductive adhesive film as a die attach material

(Ref: 07 MT NRME 0HT7)

Maltańskie przedsiębiorstwo działające w branży elektroniki poszukuje materiału niezawierającego ołowiu do zastosowania jako półprzewodnik montażowy w celu zastąpienia swojej obecnej technologii montażowej opartej na lutowaniu z wykorzystaniem ołowiu.

Firma ta rozważy umowę spółki, umowę produkcyjną (podwykonawstwo) lub współpracę techniczną z ewentualnym partnerem.

A developer/supplier is being sought of a highly thermally and electrically conductive adhesive film for uses as a die attach material for power semiconductor dies. Its thermal and electrical characteristics must be comparable to or better than common lead solders that are alloyed with silver and tin. Additionally, it must be in an easily dispensable format and curable by common processes. Other requirements are excellent adhesion to metal surfaces and thermal expansion behaviour compatible with silicon semiconductors.

Carbon fibre polymer-matrix composites are seen as a potential solution. The fibres should be vertically aligned within the film such that the material exhibits high thermal and electrical anisotropic (through-plane) conductivities. The pre-treatment of the carbon fibres with a material that greatly improves the electrical conductivity is seen as a process that could help achieve the required properties of the composite.

Technical Specifications / Specific technical requirements of the request:

The material must exhibit low thermal and electrical resistances, preferably better than common lead solders that are alloyed with silver and tin. Additionally, it must be in an easily dispensable format and curable by common processes.

- Through-plane thermal resistance: $< 0.06 \text{ }^{\circ}\text{C}\cdot\text{cm}^2/\text{W}$.
- Through-plane electrical resistance: $< 12 \text{ }\mu\text{O}\cdot\text{cm}^2$.
- Shear strength: $> 50 \text{ kg}/\text{cm}^2$.
- Glass transition temperature: $> 130^{\circ}\text{C}$.

Current and Potential Domain of Application:

This die attach material would be suitable for all power semiconductors, and would be an excellent replacement for lead-based solders. At present, there is no suitable substitute for lead-based solders in such applications, and this is the main obstacle that prevents the manufacturers of power semiconductor assemblies to convert to a lead-free material at this interface.

Collaboration Type:

- Joint Venture Agreement
- Joint further development
- Adaptation to specific needs
- Transfer of knowledge in new raw materials

Type of partner sought: Industry/research.

Specific area of activity of the partner: Electronics, Microelectronics, magnetic and superconductive materials/devices, nanotechnologies related to electronics and microelectronics.

Task to be performed: The potential partner shall develop in conjunction with the Maltese company the die attach material (as specified) and produce it to the required specifications. The partner sought will also transfer his know-how to the Maltese partner in order to arrive at the optimal solution.

Elektromechaniczne urządzenie uruchamiane prądem zdolne do zamknięcia pary styków elektrycznych w bardzo krótkim czasie

A current-actuated electromechanical device capable of closing a pair of electrical contacts in a very short instant

(Ref: 07 MT NRME 0IYO)

Maltańskie przedsiębiorstwo działające w branży elektroniki poszukuje urządzenia „odwrotnego bezpiecznika”, połączonego równoległe z półprzewodnikiem przewodzącym prąd.

Firma ta rozważy umowę spółki, umowę produkcyjną lub współpracę techniczną z ewentualnym partnerem.

The electrical contacts of the “inverse MCB (Miniature Circuit Breaker)” are normally open and so do not interfere with the semiconductor’s operation. However, if the current being conducted increases above a certain level due to a short circuit (magnetic operation), the “inverse MCB” must close within 500 μ s, thus shunting the short-circuit current away. The current-actuated device should be capable of closing a pair of electrical contacts. This occurs only when the voltage across the contacts is of the order of 10 V and so no arcing occurs. Under normal conditions, the contacts must withstand a working voltage of 660 VACrms continuously. The contacts and actuating element must be capable of handling a current of the order of 10 kA for 20 ms at least. Also, under normal conditions, the actuating element (or coil) must be able of conducting 150 AACrms continuously.

Technical Specifications / Specific technical requirements of the request:

- Electrical contacts - normally open. Electrical contact impedance when closed = 100 μ O.
- Electrical contacts’ working voltage while open: 660 VACrms.
- Electrical contacts’ working voltage just before closing: 10 V.
- Coil rated current: 150 AACrms. Coil surge capability: 10 kA for 20 ms.
- Coil impedance = 200 μ O.

Current and Potential Domain of Application:

This device is targeted as crowbar protection of the power unit of an SSR (Switching Series Regulator) against short-circuit conditions.

Collaboration Type:

- Joint Venture Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- New way to use an existing production line
- Change in the partner sought's currently used technologies (installations, process, facilities)
- Assembly
- Engineering
- Technical consultancy
- Quality control

Type of partner sought: Industry/research.

Specific area of activity of the partner: Electronics and microelectronics protection.

Task to be performed: The potential partner shall develop/supply, in conjunction with the Maltese company, the "inverse MCB" and produce it to the required specifications. The partner sought will also transfer his know-how to the Maltese partner in order to arrive at the optimal solution.

Izolowany pojemnik na leki do bezpiecznego przenoszenia

Insulated Medicine Box Is Sought For Safe Carrying

(Ref: 10 TR 99PD 3GFN)

Tureckie przedsiębiorstwo pracuje nad izolowanym pojemnikiem na leki stosowanym do transportu leków wrażliwych na działanie temperatur. Pojemnik ten będzie utrzymywać leki o strukturze białkowej w temperaturze rzędu 2-8°C przez 100 godzin.

Firma pragnie nawiązać współpracę techniczną z ośrodkami badawczymi i firmami doświadczonymi w śledzeniu drogi i konserwacji leków.

A Turkish company is working on research and development project concerning a box that can conserve protein structured medicine in a narrow temperature range for 100 hours. Because of the narrow and sensitive range of storage temperature, monitoring the fluctuation of storage temperature becomes important for the Turkish company.

Because of the logistic issues, this insulated medicine box that is used in transportation process has to be light. The company wants to do technical cooperation with research centres and companies that have studied in medicine tracking and conservation.

Technical Specifications / Specific technical requirements of the request:

The medicine box has to keep the medicine cool in a range between 2 and 8°C (+/- 0.02°C) for 100 hours. It has to be knock proof. Also GPS software equipment with plausible dimensions should be inserted in order to monitor and validate the conditions of medicine in transportation process.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Research Centres and Companies.

Specific area of activity of the partner: medicine tracking and medicine conservation.

Task to be performed by the partner sought: joint development.

Poszukiwani usługodawcy do wspólnych projektów rozwojowych: integracji oprogramowania samoobsługowego do zastosowań w telefonach komórkowych i Internecie z wykorzystaniem języka naturalnego

Service providers sought for joint development projects: integration of software for self-service over cellular and internet using natural language

(Ref: 10 IL 80EP 3G51)

Izraelskie MŚP poszukuje integratorów do wdrożenia swojej technologii u usługodawców z branży transportu zbiorowego, zdrowotnej i finansowej, mających na celu poprawę obsługi klienta, zmniejszenie kosztów i wydatków call centres oraz zwiększenie dochodów w wyniku dodania nowego innowacyjnego zautomatyzowanego kanału usług zautomatyzowanych. Rozwiązanie opiera się na nowej koncepcji rozwojowej, gdzie DOWOLNY programista może w prosty sposób opracować aplikację i zintegrować ją w obecne systemy.

The Israeli SME's solution provides a new automatic self-service channel for customers over SMS and WEB, in addition to IVR. Partners are sought from all industries that provide a self-service option: banking, insurance, transportation, healthcare, content (news, ringtones, stock quotes), and many others, to work with the Israeli company in customizing the developed solution to the specific needs.

Such companies pay high price for live agent customer services. Whenever the customer needs frequent interaction with the organization and/or access to structured data, as in ordering tickets, schedules, account balance and stock market inquiries, this solution can provide the conduit and eases the process.

The requested partner must offer complementary consulting, systems integration, software services, and OEM relationships related to the delivery of customizable easy-to-access services and applications to end users.

The company's targeted business partners include:

- Management and technical consulting firms.
- IT solution providers.
- System integration companies.

- Application-specific and domain-focused turn-key solution companies.
- Sales agents.
- Other software and hardware companies.

Partners benefit from:

- Improved satisfaction and return-on-investment among existing customer bases.
- The Israeli software and technology attracts new customers to extend the partner's services.
- Significant return on investment within short period.

The Israeli SME invites inquiries from prospective technology, content, and other related partners interested in exploring opportunities to work together. Technical Specifications / Specific technical requirements of the request
The company must employ developers who have web/HTML/XML knowledge, and can develop and implement a XML-based technology application.

Current and Potential Domain of Application:

The developed solution can be utilized in all industries that provide a self-service option: banking, insurance, transportation, healthcare, Content (news, ringtones, stock quotes), and many others. Whenever the customer needs frequent interaction with the organization and/or access to structured data, as in ordering tickets, schedules, account balance and stock market inquiries, this solution provides the conduit and eases the process.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- New way to use an existing production line
- Maintenance

Type of partner sought: industry.

Specific area of activity of the partner: all industries that provide a self-service option: banking, insurance, transportation, healthcare, Content (news, ringtones, stock quotes), and many others.

Task to be performed by the partner sought: together with the Israeli SME, integrate and customize the solution to the specific industry needs.

Umieszczenie i/lub instalacja systemów światłowodowych wewnątrz rur kanalizacyjnych

Fitting and/or installation of fiber optics systems inside sewer pipes

(Ref: 09 ES 27F4 3G0G)

Hiszpańska firma działająca w branży telekomunikacyjnej poszukuje partnera technologicznego posiadającego wiedzę, technologię i doświadczenie w dziedzinie rozwoju światłowodów położonych w rurach kanalizacyjnych. Jest ona otwarta na różne rodzaje współpracy.

This Spanish company has wide experience in telecommunications sector. Their main business is focussed on the development of project based on the installation of fiber optics in combination with wireless and VoIP (Voice over Internet Protocol) products, analog terrestrial broadcasting service of radio and television, PDH (Plesiochronous Digital Hierarchy)terrestrial digital radio links, network construction and transmission of wireless data.

They are looking for Research Centers and/or Companies with knowledge and experience in the deployment of fiber optic cable in sewer pipes.

Technical Specifications / Specific technical requirements of the request:

The main specifications are:

- The technology should allow the fast installation of optical fiber, meeting the quality and safety standards.
- The technology should be applied to sewage networks visited or unvisited.

Collaboration Type:

- Joint further development
- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Research Center and/or Company,Industrial Partner.

Specific area of activity of the partner: Telecommunications.

Task to be performed by the partner sought: In-sewer fiber optics deployment.

Nowe technologie i aplikacje do uzyskania, płacenia i odsłuchiwania muzyki w sieci, na telefonie komórkowym lub innych bezprzewodowych platformach mediów cyfrowych

New technologies and applications to obtain, pay for and enjoy music on Web, mobile or other wireless digital media platforms

(Ref: 07 IL ILMA 0I8P)

Izraelskie MŚP jest wiodącym dostawcą muzyki cyfrowej w ramach poszukiwanego gatunku muzyki „Urban”. Spółka pragnie zwiększyć swój udział w kwitującym rynku muzyki cyfrowej poprzez włączenie w swoją ofertę nowych technologii i aplikacji ułatwiających konsumentom uzyskanie dostępu, płacenie i odsłuchiwanie muzyki w sieci, na telefonie komórkowym lub innych bezprzewodowych platformach mediów cyfrowych. Poszukuje się partnera do umowy licencyjnej lub umowy spółki.

An Israeli company holds exclusive digital rights to more than 12,000 music titles including some of the most high-demanded names in the Hip-Hop/Urban genre together with other catalogues of prominent names in global music.

The company is currently operating several direct-to-consumer channels on Web, TV and mobile platforms.

Technical Specifications / Specific technical requirements of the request:

The company seeks new applications of digital media technologies that will enhance direct dissemination to the consumer as well as make it easier for the consumer to obtain, pay for and enjoy digital music and related Value Added Services.

The applications should come from consumer-oriented technologies in all digital platforms, related to:

- New digital media (music, video, entertainment).
- Games.
- Mobile, internet and interactivity.
- Viral dissemination applications through social networks/peer-to-peer technologies.

- Digital TV/IPTV.
- Music discovery (audio/video search technologies).
- Recommendation based on consumer history algorithms.
- Semantic engines for media content.

Current and Potential Domain of Application:

Digital music dissemination, commerce and utilisation.

Collaboration Type:

- Joint Venture Agreement
- License Agreement

Type of partner sought: Software or Hardware Services or development.

Specific area of activity of the partner: Developer of new media technologies and platforms that can be used to upgrade dissemination processes, enhance consumer enjoyment and facilitate payment of digital music.

Task to be performed: Licensing if technology for requestor's use or development of new products and/or applications in a joint venture.

Rozwój i formalizacja matematyki do oceny nowej kreatywnej techniki modelowania

Development and formalisation of the underlying mathematics for the evaluation of a new creative modelling technique

(Ref: 09 GB 4407 3DSF)

Przedsiębiorstwo z siedzibą w Londynie pragnie rozwinąć schematy analizy czynników ważonych (WeFA), która stanowi złożoną wiedzę w danym kontekście, wymaga sformułowania i formalizacji reguł matematycznych nią kierujących, aby tak utworzone modele mogły być poddane obiektywnej ocenie.

The Weighted Factors Analysis (WeFA) methodology employs a bipolar modelling logic based on positive and negative factors which influence the attainment of a goal. They have a simple mathematical approach to solving these models which require robust formalisation and development. Some research into this around 12 years ago at a mathematics department of a university proved inconclusive and a London-based company wishes

to restart this task. The WeFA schema underpin many of the company's systems analysis and evaluation solutions and availability of a robust mathematical foundation is highly desirable to make these computations credible.

Technical Specifications / Specific technical requirements of the request:

The Weighted Factors Analysis (WeFA) is a group based knowledge capture, representation and evaluation methodology. An expert panel will be chosen to represent related but diverse and non-overlapping aspects of the problem being studied. The focal point of a group study in WeFA is an AIM represented graphically by an oval annotated with brief relevant text. With the active participation of the expert panel, the AIM is defined, agreed and decomposed into a number of influencing factors (GOALs). The GOALs which are deemed to support the attainment of the AIM are classed as Drivers and those opposing the attainment of the AIM are considered Inhibitors. The Driver GOALs are represented by ellipses with yellow background linked upward to the AIM or other GOALs with green forward arrows implying positive influence. The Inhibitor GOALs are represented by ellipses with dark background colour, linked to the AIM or other GOALs that they influence with red arrows pointing backward (towards themselves) implying negative influence.

Further Information (Technical Details Concerning the Profile):

A paper employing the WeFA technique will be provided to explain the intent and the challenges involved. At this stage, no formal requirements specification exist but this can be developed as appropriate.

Collaboration Type:

- Joint further development
- Adaptation to specific needs

Type of partner sought: ideally a university maths or computing department.

Specific area of activity of the partner: theoretical validation & possibly software development.

Task to be performed: theoretical validation of a new conceptual modelling approach and formalisation of the underlying mathematics.

Systemy elektroniczne marketingu rolnego

Electronic systems of agricultural marketing

(Ref: 09 RU 86FG 3FQF)

Rosyjskie MŚP (z regionu Kaliningradu) poszukuje systemu do e-marketingu przedsiębiorstw rozlicznych w postaci elektronicznej wymiany towarów, usług i personelu w branży rolno-spożywczej. Firma ta potrzebuje porad technicznych dotyczących projektu systemu, wraz z współpracą techniczną, albo umowy handlowej z wsparciem technicznym.

The main activities of the Russian SME are agricultural market research and consulting/organizational assistance in agricultural projects. The work revealed a need for establishing an electronic marketing system for enterprises of agrofood sector in Kaliningrad region. The system should provide the players with the necessary information about the state of the market of agricultural products. Potentially, this system should also cover the countries neighbouring with Kaliningrad region.

Technical Specifications / Specific technical requirements of the request:

The system should be established as an integrated data-based information network; it should be able to act a real-time electronic exchange of agricultural goods and services and staff recruitment facility.

The partner should have expertise in the methodology, engineering and step-by-step actions to operationalize this system. The company has own programmers to code the proposed algorithms.

The form of cooperation may be commercial agreement with technical assistance or a joint venture.

Current and Potential Domain of Application:

Consulting services in Agriculture, Forestry, Fishing, Animal Husbandry and Related Products; support to manufacturers and traders of agricultural products; staff recruitment in agriculture.

Collaboration Type:

- Joint Venture Agreement
- Engineering

- Technical consultancy

Type of partner sought: IT, Industry.

Specific area of activity of the partner: Developer of e-trade tools for agriculture.

Task to be performed by the partner sought: Technical advice on establishing an agricultural e-exchange.

Obsługa ekranów LCD oraz plazmowych

Handling LCD (liquid-crystal display) screens and plasma screens

(Ref: 09 DK 20B7 3FM1)

Duńska firma zajmująca się recyklingiem, przetwarzająca materiały po recyklingu w produkty zdatne do sprzedaży i wprowadzenia na rynek, poszukuje dostawcy technologii do obsługi ekranów LCD i plazmowych.

Spółka jest zainteresowana umową licencyjną i/lub wsparciem technicznym.

The company is looking for a technology which is capable of handling LCD screens and plasma screens, which sometimes have a metal plate behind the screen, plus small PCBs (printed circuit boards) after they have been disconnected from the entire product. The technology is to be able to handle the screens so that the Danish company can produce the end fractions inhouse.

Technical Specifications / Specific technical requirements of the request:

Any technology which meets the described criteria is of interest.

Collaboration Type:

- License Agreement
- Technical consultancy

Type of partner sought: Industrial technology provider.

Specific area of activity of the partner: Recycling.

Task to be performed by the partner sought: Handling of LCD screens and plasma screens.

Poszukuje się bazy danych w celu ochrony zdrowia przed zagrożeniem ze strony środków chemicznych w żywności

Database is Sought to Protect Human Health against Threats of Food Chemicals

(Ref: 09 TR 98OB 3FM9)

Tureckie przedsiębiorstwo badawczo-rozwojowe opracowuje metody i metodologie analizy ryzyka dla ludzi ze strony środków chemicznych stanowiących źródła zatrucia spowodowane żywnością. Firma ta poszukuje bazy danych, gdzie mogłaby przechowywać i przetwarzać swoją wiedzę na temat substancji chemicznych, które mogą mieć wpływ na zdrowie ludzi, a które są wykorzystywane na etapie produkcji.

Spółka szuka partnerów zainteresowanych umową handlową wraz z wsparciem technicznym.

A Turkish research and development company has been developing analysis methods and methodologies against effects of chemical substances used in food and poisoning cases caused by food among people.

The company has decided to establish a database where they will be able to store the knowledge they have on chemicals used at food production and storage stages. This database, supported by advanced software, can mainly show the properties of the chemicals, their reactions in the products where they are used, benefits and risks for human health mentioned in the literature, methodologies developed and analyses produced by both this company and other companies against risks and threats experienced before.

The company is ready to do commercial agreement with technical assistance.

Technical Specifications / Specific technical requirements of the request:

With the software sought by the company and the database supported by this software, it should carry the property of data filtration and information storage on all the food chemicals used throughout the world. It is also expected that 3-dimensional structures of the chemical compounds and elements can be kept on the database and that graphics facility can be provided via data entered by the company when needed.

Collaboration Type:

- Assembly
- Engineering
- Technical consultancy
- Quality control
- Maintenance

Type of partner sought: Companies.

Specific area of activity of the partner: Data storage and data mining.

Task to be performed by the partner sought: Further development.

Dokładne 2-wymiarowe wykrywanie, identyfikacja i lokalizacja, sprzyjające lepszemu wiedzy

Knowledge enabling accurate 2-dimensional detection, identification and localization

(Ref: 09 NL 60AH 3F55)

Holenderski producent i hurtownia opracował gamę produktów wyjątkowych w dziedzinie elektronicznych gier planszowych. W celu opracowania gier nowej generacji, firma poszukuje technologii umożliwiających dokładne wykrywanie i lokalizację w 2D. Spółka jest zainteresowana umową licencyjną i/lub umową handlową z wsparciem technicznym.

A Dutch manufacturer and wholesaler company has developed a product range that is unique in the field of electronic board game products. For the development of the next generation of games the company is seeking technologies enabling accurate 2-D detection and localization. The company is interested in commercial agreements with technical assistance.

For the next generation of technology we are interested in knowledge regarding detection, identification and localisation of multiple different items within a 2-dimensional setting (length and width). Accuracy to be within a measuring field of approx 50cm x 50cm and a resolution of 2cm square to localize multiple different items.

Technical Specifications / Specific technical requirements of the request:

The company is seeking contacts with companies that are specialized in the field of passive (HF) RFID to assist in the development of this application, using proven technology. The Dutch company however is open to other technological solutions regarding 2-dimensional measuring and identification.

Accuracy to be within a measuring field of approx 50cm x 50cm and a resolution of 2 cm square to localize multiple different items. Detection, identification and localisation have to take place in a timeframe of 0,5 sec. In the items to be localized, no energy source is available; detection energy has to be taken from the platform. The system is developed to be used in consumer products therefore the solution should allow a moderate or low unit cost price. We therefore prefer existing technologies and components that are already available on the market.

As this technology will be used in a next generation product, the Dutch company is interested in a long term partnership in development and supply.

Current and Potential Domain of Application:

Current domain of the application is in a game setting with two users. In the future it will be a setting with multiple users for gaming/simulation or professional use in flow analysis.

Collaboration Type:

- License Agreement
- Joint further development
- Testing of new applications
- Adaptation to specific needs
- Engineering
- Technical consultancy

Type of partner sought: Engineering company, distributor, research Institute.

Specific area of activity of the partner: well established in the field of measuring, TAG's, telemetric application, dedicated development.

Task to be performed by the partner sought: Advise and consultancy on how to translate existing technology to this specific application, selection and adaptation on TAG's, antenna circuit.

Rozpoznawanie mowy i tłumaczenie maszynowe konkretnie dla urządzeń przenośnych

Speech recognition and machine translation specifically for mobile devices

(Ref: 09 GB 41n8 3FDA)

Brytyjska firma poszukuje uczelni lub partnerów przemysłowych posiadających wiedzę fachową i/lub obecne rozwiązania programowe do rozpoznawania mowy i/lub tłumaczenia maszynowego między językami (np. angielskim i hiszpańskim i na odwrót). Oprogramowanie musi być zdolne do działania w telefonie komórkowym bez potrzeby przesyłania danych do zdalnego serwera w celu ich przetworzenia. Firma jest zainteresowana umową licencyjną, współpracą techniczną, lub ewentualnie zawiązaniem spółki.

A UK company has developed an innovative product that has been designed as an assistive technology aimed at helping people with literacy problems and dyslexia. The product uses high quality, natural sounding voices to read out loud text that has been captured either from a photograph or an electronic document. The product is already on the market, but the company sees a broader potential for the product and is specifically looking to integrate a speech recognition and machine translation function which will give the product a broader commercial appeal. It has recently been estimated that the global market for advanced speech recognition in mobile handsets will increase from US\$32.7 million in 2009 to US\$99.6 million in 2014.

The company is looking to partner with companies that can provide appropriate technical solutions or know how.

Technical Specifications / Specific technical requirements of the request:

Specifically, the company is looking for potential partners to add these features to their current product for mobile devices. Partners with expertise in the following three areas are sought:

1. Machine translation between languages e.g. English and Spanish, Spanish and English, English and Swedish, Swedish and English, etc.
2. Speech command and Control.
3. Speech recognition (real dictation not command and control), enabling the company to utilise the growing power of mobile devices to implement

speech recognition native to the device. I.e., the software must run on the device and not send information to a remote server for processing.

Software solutions must be capable of running on a mobile phone (smart phone with processors as small as 400 MHz).

Current and Potential Domain of Application:

The current product has been designed as assistive technology aimed at helping people with literacy problems and dyslexia. However, integration of these additional features will give it a broader commercial value within the mobile device sector.

Collaboration Type:

- Joint Venture Agreement
- License Agreement
- Joint further development

- Testing of new applications
- Adaptation to specific needs

Type of partner sought: Industrial or academic.

Specific area of activity of the partner: Expertise in the development of speech recognition and/or machine translation software.

Task to be performed: Collaborate with the UK company to integrate software within their existing product/s.

Poszukuje się partnera do wspólnego projektu badawczo-rozwojowego w celu stworzenia złożonego innowacyjnego systemu do gospodarki środowiskowej

Partner sought for joint R&D to create a Comprehensive Innovative - Environment Management System

(EMS) (Ref: 09 IL 80EP 3EVF)

Izraelski ekspert, dom systemów oprogramowania, poszukuje partnera przemysłowego specjalizującego się w sektorze środowiskowym (może to być firma konsultingowa lub firma już dostarczająca rozwiązania na rynek), posiadającego wiedzę i doświadczenie w zakresie wymogów rynkowych, w celu opracowania innowacyjnego wielobranżowego narzędzia programistycznego do gospodarki środowiskowej.

Partner będzie uczestniczyć w definiowaniu, tworzeniu i przedstawianiu koncepcji ostatecznego działania produktu, na etapie tworzenia i prowadzenia projektu na rynek.

An EMS system is necessary in order to efficiently manage all environmental aspects online. This tool will be able to manage ISO140001 and be compatible with EMAS (eco-management and audit scheme) programmes. The system will cover all the needs of protection, warning and reporting of all environmental aspects.

This innovative EMS system is essential for organizations to avoid penalties, improve their daily activities, and will help them to reduce expenses through efficient conduct. The system will also include a 'smart expert' that will give online recommendations to make the correct decisions and propose action plans for routine and emergency situations. It will include an ongoing system of reminders and notifications, an investigation tool for root cause analysis, a smart statistical reporting tools and a building tool for a knowledge data base.

The Israeli company has vast experience with development of production management software tools (manufacturing execution systems - MES), ERP (enterprise resource planning), and integrating with sensors, PLC (programmable logic controller), and SCADA (supervisory control and data acquisition). From the ERP, MES and PLC, the system will make a breakdown of production materials, reducing waste, tracking deviations from the production process, reducing emissions and energy use. The system will read environmental instruments directly, then use this knowledge and experience to develop the complete interactive system.

Technical Specifications / Specific technical requirements of the request:

The system is targeted to small and medium sized enterprises, and must therefore be developed in such a way that it will have a reasonable target price.

Collaboration Type:

- Joint further development
- Technical consultancy

Type of partner sought: specialist, consultant, academic or industry.

Specific area of activity of the partner: environmental solutions.

Task to be performed by the partner sought: The partner will participate in definitions, engineering, ideas for the final performance of the product, development stage, and the marketing stage products.

Poszukiwany partner posiadający kompetencje w zakresie mikroelektroniki, mikromechaniki oraz obróbki powierzchni kryształów

Search for microelectronics, micromechanics and crystals surface treatment competences

(Ref: 08 FR 32j2 0J8I)

Francuskie przedsiębiorstwo, które opatentowało oryginalne wynalazki związane z pomiarem głębokościowym interakcji fotonów gamma w kryształach scyncylatorze, poszukuje partnerów przemysłowych i akademickich posiadających kompetencje w zakresie mikroelektroniki, mikromechaniki oraz obróbki powierzchni kryształów. Wynalazek ten umożliwi opracowanie rozwiązania bardzo dokładnej pozytonowej tomografii emisyjnej, zwłaszcza do badania funkcji mózgu.

Firma pragnie nawiązać współpracę z partnerem posiadającym kompetencje w zakresie mikroelektroniki, mikromechaniki oraz obróbki powierzchni kryształów.

The French company patented original inventions of depth measurements of gamma photon interaction in scintillator crystal. The invention enables to develop a high performances Positron Emission Tomography solution especially for brain functional exploration.

The company is looking for cooperation with:

- microelectronics public research institutions able to develop the ASIC (application specific integrated circuit) of the device,
- micromechanics companies for the assembly of scintillation crystals into 2D array,
- surface treatment companies for specific surface treatment of scintillation crystals.

Technical Specifications / Specific technical requirements of the request:

- Microelectronics : development of ASIC (application specific integrated circuit).
- Semiconductor : development of FPGA (field programmable gate array),
- Micromechanics: assembly of scintillation crystals,
- Surface treatment: specific surface treatment of scintillation crystals.

Current and Potential Domain of Application:

Biotechnology, medical/health.

Collaboration Type:

- Joint Venture Agreement
- Financial Resources
- Joint further development
- Transfer of knowledge in new raw materials
- Absolutely novel process

Type of partner sought: Industry or academic research organisation.

Specific area of activity of the partner: Microelectronics, Micromechanics, Crystals surface treatment.

Task to be performed: Development of ASIC OR FPGA, Assembly of scintillation crystals, specific surface treatment of scintillation crystals.



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