

# Catalogue of Technology Profiles



**Sector:**  
**ICT**

**In this catalogue we have gathered technology profiles coming from Italian companies, research institutes, universities of Lazio region, which are looking for the development of partnerships with European companies or research departments.**

**If you are interested in any of these profiles, please send an e-mail to your local EEN-Partner, you will receive the requested information as soon as possible.**

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## Abstracts

### Title

A low-cost satellite modem

### Abstract

An Italian company is distributing a low-cost satellite modem designed for multiple applications from the field of industry to mobile & machine communications. The modem, integrated with sensors, can monitor remote operations cost-effectively & retrieve data automatically from isolated power substations or remote metering facilities such as oil & gas supply stations. The company is looking for partners such as system integrators or telematic service providers interested in commercial agreements.

### Type of Cooperation

Type of partner sought: industry

- Specific area of activity of the partner: system integrators, VAR, meter manufacturer, utilities

- Type of collaboration: Commercial Agreement with Technical Assistance (Technical support to terminal integration and assembly and engineering, technical consultancy for network integration and software development, technical training).



**Title**

The first complete software application for the zoo-technical sector regarding activity management

**Abstract**

An Italian IT SME is specialised in software applications for the zoo-technical sector. The SME develops innovative IT applications that are always original, built around the specific needs of each customer. The software allows supervising different aspects of farm management. The SME is looking for companies from the zoo-technical sector interested in distributing its software application throughout Europe and in commercial agreements with technical assistance.

**Type of Cooperation**

The SME is looking for companies from the zoo-technical sector interested in distributing its software application throughout Europe and in commercial agreements with technical assistance.



**Title**

GIS, Multimedia, preservation, restoration, spreading in the field of artistic heritage

**Abstract**

An Italian Consortium offers technical advice for the following services: study of means and methods aimed at the improving of advanced systems of management and right of us of artistic heritage; development and presentation of feasibility studies in the field of information and training about artistic and environmental heritage; (GIS) Geographic Information System; training and information about artistic heritage issues.





### **Type of Cooperation**

The required partnership has to have qualifications and competencies about:

- the development and rationalization of training activities, restoration, diagnostics, surveys in the sector of cultural heritage, environment and sustainable development; study of means and methods aimed at the improving of advanced systems of management and right of use of the artistic heritage; 3D modelling, preparation of thematic papers for the preservation and planning of the territory relative to cultural goods, laser scanning and elaboration of "cloud of points" deriving from a three-dimensional scanning, realisation of dedicated software and data processing platforms for a dynamic and integrated management of goods coming from archaeological excavations.

Inverse engineering and fast realisation of prototypes, CAD elaborations, virtual reality, planning of web sites.

Partners are research institutes, ICT industries, SMEs, Universities.



### **Title**

SOFTWARE FOR VIDEOCONFERENCE OVER IP AND  
SOFTWARE FOR WEB TV LIVE



## Abstract

A small Italian company located in Rome has produced two software applications: a software for videoconference over IP and a software for web TV live.

The products are innovative in their configuration and in their functions. Being web based and cross platformed and fully duplex they have important advantages compared to its competitors and can be successfully used in distance learning, remote consultancy and trade.

## Type of Cooperation

The company is looking for partners from the ICT sector which are interested in a partnership for commercial or productive purpose.

the specific area of activity of the partner The partner could be an enterprise which commercialises ICT products or providers of bandwidth

the tasks to be performed The partner could either include the software applications within its products for diversification of its offer or to enlarge its market opportunities.



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### **Title**

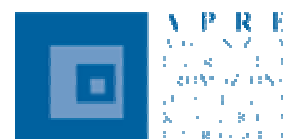
Mobile access of a portable PC to both Internet and Intranet through the public mobile radio networks of next generation using the MPLS backbone as fixed access network

### **Abstract**

An Italian company offers a SW-based data communication system on the public mobile radio networks of next generation allowing the mobile access of a portable PC to both Internet and Intranet using the MPLS backbone as fixed access network; the pre-commercial development of the system asks for an agreement between the system developer who implements the SW in the end-users of the access network and a network operator / system supplier who implements the SW in the end-nodes of this network.

### **Type of Cooperation**

System developer implementing the SW in the communication server and in the portable PC, which would be able to establish an agreement with a network operator / system supplier implementing the SW in the two end-nodes of the access network, namely those nodes jointing the MPLS backbone from one side with the radio mesh and from the other side with both the communication server and Internet.



**Title**

Historical Archive Digitalization

**Abstract**

An Italian company providing high-tech services for the Cultural Heritage preservation and restoration since 1998, offers services to the management of artistic, historical & cultural heritage belonging both to private & public bodies: starting from the estimates of the works of art (age, author or origin, state of conservation, value), to the transport, monitoring and restoration. The collaboration types sought: technical co-operation, commercial agreement with technical assistance and financial resources.

**Type of Cooperation**

- Type of partner sought: industry, academy, research organisation, government institutions.
- Specific area of activity of the partner: archives management, archive studying and conservation
- Task to be performed: technical co-operation, commercial agreement with technical assistance and financial resources.



**Title**

GIS Internet WebMapping Solution

**Abstract**

An Italian company has developed internet WebMapping solutions addressed to agencies, local and public authorities, public and private organizations, universities, scientific associations and trade associations, which use territorial and geographical data bases. The system is compound by an application-oriented part and an optional services set. The application, using GIS technology, allows publication and sharing of cartographical data bases through web and Internet.

**Type of Cooperation**

Partners as agencies, local and public authorities, public and private organizations, any kind of universities, scientific associations and trade associations which use territorial and geographical data bases are sought for technical cooperation, joint venture agreements and commercial agreements with technical assistance.



**Title**

Low-cost device for wireless telemetry and remote control of systems

**Abstract**

A small Italian company located in Rome has developed a low-cost wireless transceiver featuring data packets "store and forward" for highly reliable "multi-hop" radio communication such as telemetry applications. The device is equipped with a free-license networking proprietary firmware, and it operates at 868MHz. The SME is looking for commercial agreement and application partners for further development of specific applications.

**Type of Cooperation**

- Type of partner sought:

any partner interested in promoting joint business

- Specific area of activity of the partner:

Mainly commercial and technical

- Task to be performed:

New application joint development for immediate commercial exploitation.



**Title**

Handheld informational platform for museums

**Abstract**

A small Italian company has developed a Pocket PC multimedia software tool that can enrich the experience of visiting museums and art exhibitions. The company is searching for partners working in this area in order to provide technical consultancy and training, and cooperate on integration with informational contents.

**Type of Cooperation**

- Type of partner sought:

Museums, art exhibition organisers, multimedia content creators

- Specific area of activity of the partner:

Art Exhibitions

- Task to be performed:

Customisation, content integration, training and set-up.





## **Title**

3D model reconstruction from images

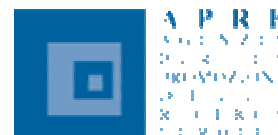
## **Abstract**

An Italian company is skilled in the production of software and instruments in which images are used for 3d measure and reconstruction. The technology is very flexible and main application fields are: geology, agronomy, architecture, archeology, cultural heritage, industry. The technology is based on digital photogrammetry software and computer vision. It can be used for DEM generation, orthophoto production, 3d CAD measurement and drawing and all typical photogrammetric products.

## **Type of Cooperation**

The company is looking for partners from Universities, Research Centers for selling licences and / or testing new applications and make conventions, but also industrial partners or trade companies for selling licences or starting cooperation. They are looking also for dealers for commercial agreements. Partner should have competence in metric survey, photogrammetry software.- the specific area of activity of the partner Cultural heritage, Survey. Metric and image documentation. Architecture, Archeology, Geology, Engineering company. University correlated, Museums.

- the tasks to be performed : licence agreement – technical cooperation.



**Title**

A brand new content management application and framework for the mobile Web application market

**Abstract**

An Italian IT company offers: a framework solution based on open source language on Unix/Linux systems, which gives the ability to create and manage Web applications focused on the mobile market.

**Type of Cooperation**

- Type of partner sought:

ICT service company

- Specific area of activity of the partner:

Mobile carriers, IT companies that work on mobile applications and services, contents providers are sought for technical cooperation and commercial agreement.





### **Title**

Middleware for access to the smart card subsystem and for developing smart card applications

### **Abstract**

An Italian SME located in Rome and Bologna offers a technology to use for developing any kind of applications for smart cards including security solutions and biometrics. The technology has independent and completely modular hardware: it allows developing smart card applications without knowing the typical programming language of any smart card. They are looking for industries of smart card applications for joint venture, commercial agreement with technical assistance and license.

### **Type of Cooperation**

- Type of partner sought:

industries

- Specific area of activity of the partner:

smart card sector

- Tasks to be performed by the partner sought:

commercial agreement: the technical support to be provided to the partner is technical training and maintenance.







### **Title**

Middleware for interface with the user's biometrics data

### **Abstract**

An Italian company, located near Rome and Bologna, offers a middleware used for interface with the user's biometrics data. It can be used as security solution in any kind of applications for smart cards (Electronic Identity Card, Electronic Passport, National Services Card, Health Card, etc.). The added value is that the template & the logic flow are completely invisible to the developer. They are looking for industries for joint venture, license & commercial agreement with technical assistance.

### **Type of Cooperation**

- Type of partner sought:

industries

- Specific area of activity of the partner:

security and smart card applications area.

- Task to be performed:

commercial agreement: the technical support to be provided to the partner is technical training and maintenance.



**Title**

Embedded Systems for Ophthalmic Diagnosis

**Abstract**

An Italian company produces and offers optoelectronic embedded devices for ophthalmic diagnosis. In particular the SME produces digital optotypes, campimeters to measure the visual field, instruments and holographic slit-lamps devoted to investigating the front & rear ocular bulb segment. The main advantage is better interpretation of the clinical pathological data. Industrial partners expert on optoelectronic technology are sought for license and commercial agreement with technical assistance.

**Type of Cooperation**

- Type of partner sought:

Industry, SME.

- Specific area of activity of the partner:

Ophthalmology.

- Task to be performed:

License and commercial agreement with technical assistance.

