

# IOSSPL

Integrated Open-Source System for Public Libraries

[www.iosspl.org](http://www.iosspl.org)

**IBLA SOFT**



 **CONTACTNET**  
[www.contact-net.ro](http://www.contact-net.ro)

**PROGETTO  
SOFTWARE**  
PROGETTO SOFTWARE

  
Biblioteca Judeeană "Ovid Densusianu"

**ciMeC**  
[www.cimec.ro](http://www.cimec.ro)

Initiative co-funded by the Ministry of Productive Activities, the Italian Republic

## Project Presentation

### IOSSPL

**Integrated Open-Source System for Public Libraries Automation**

<http://www.iosspl.org/>

IOSSPL is an RTD project in the area of Public Libraries Automation and Integration.

CONTACT NET has gained an international projects contest launched by the Italian government, the Ministry of Productive Activities, under the framework of the Italian Law 212/1992, in October 2003.

The official launching of the IOSSPL project was on June 1st, 2004.

The Ministry of Productive Activities, by the General Direction for the Promotion of Exchanges - Division IV - ROMA, approved, by the Decree of the Ministry of Productive Activities issued on 29/12/2004, the IOSSPL Project (cod 212/03/ROM15) to be financially sustained under the Law 212/92 D.M. n. 171 from 19/04/2001.

CONTACT NET involvement:

- Project preparation for the European projects contest
- Project coordination for 2 years timeframe

*"The ELAG - European Library Automation Group is happy to support the «Integrated Open-Source System for Public Libraries in Romania» project. [...] We are convinced that it is a project of interest not only for Romanian libraries. We are sure that - if successful - the resulting system will be largely used in Europe. Beside, the fact that it is open source will allow its further development and refinement in the next years."*

Paula Goossens  
President of ELAG  
Brussels, June 2003

The project is planned to be continued on a Europe-wide scale, in collaboration with ELAG (European Library Automation Group), CONTACT NET providing the software, implementation services, localization and customization.

The Italian partner for the IOSSPL Project is PROGETTO SOFTWARE (Ragusa, Italy).

#### IOSSPL Background and Motivation:

The IOSSPL Project comes as complementary to "The National Program for the Automation and Development of Public Libraries Services in Romania"

It is of national importance, in Romania, the Automation of the operations and services of those public libraries which do not dispose of informational specialized systems at present, nor of financial resources for such development, with the final goal to enter the application frame of the "National Program for the Automation and Development of Public Libraries Services in Romania", under its both components: the National Virtual Library of Romania (full-text database) and the Shared National Catalogue.

#### The main draw-back against the complete achievement of the national program:

- The application framework of the "National Program for the Automation and Development of Public Libraries Services in Romania" is dramatically limited because very few public libraries can be connected to The Shared National Catalogue (the collective catalogue meant to basically reunite the online catalogues of all public libraries in Romania), not using automated information systems and electronic catalogues.



*"The project under discussion is of great interest to the Romanian libraries, in their effort to offer the citizen the best access to the rich information they collect, to fulfill their part in the information society and to play a more important role in consolidating the democratic society, thus contributing to accession of Romania to European Union."*

Acad. Razvan Teodorescu  
Minister of Culture and Religious Affairs  
Bucharest, July 2003

- Ministry of Culture and Religious Affairs, Romania, Romania beneficiary
- Consulting from: ELAG (European Library Automation Group)

#### Places to develop the initiative:

- Bucharest - CONTACT NET, CIMEC
- Deva (County Hunedoara) - County Library "O.Densuianu"
- Slobozia (County Ialomita) - County Library "Stefan Banulescu"
- Tandarei (County Ialomita) - Town Library Tandarei
- Tecuci (County Galati) - Municipal Library "Stefan Petica"
- Liesti (County Galati) - Village Library Galati

- The other program component - The National Virtual Library of Romania (full-text database) is even more difficult to achieve at the national scale, considering that most of the public libraries are functioning based on "paper".

#### IOSSPL Objectives:

The IOSSPL Project proposes to develop a complete web-based, standards-compliant, open-source library software system which will become available to be implemented in all the public libraries in Romania in the long run.

The IOSSPL system will be first implemented in 5 Pilot-Libraries in Romania. The Installation Kit, the Technical Documentation and the User Guide will be made available to the Ministry of Cultures and Religious Affairs, in order to be further offered free of charge to all the interested libraries in Romania.

The IOSSPL Project will also ensure the technical formation of the representatives of the Public Libraries in Romania (200 librarians and 40 metodists from the public libraries system will be trained for the PC utilization, and further in the field of Bibliologic Information Technology and applications).

#### Parties involved in the project:

- CONTACT NET Ltd Bucharest, project coordinator, Romanian promoter
- PROGETO SOFTWARE Ragusa, Italy, Italian promoter
- CIMEC - The Institute for Cultural Memory of the Ministry of Culture and Religious Affairs, Romania, Romanian partner
- County Library "Ovid Densuianu" Hunedoara, Deva (Public Regional Administration), Romanian partner



The screenshot shows the IOSSPL website interface. The main heading is "IOSSPL Integrated Open-Source System for Public Libraries". Below this, there is a navigation menu with "Home", "About", "News", "Contact", and "Help". The main content area is titled "Objectives" and contains a table with "GENERAL OBJECTIVES" and "SPECIFIC OBJECTIVES".

GENERAL OBJECTIVES	SPECIFIC OBJECTIVES
The project aims to target to improve the capacity of public libraries to respond to the long-term specific requirements of their users, especially in the field of digital services.	<ul style="list-style-type: none"> <li>• The identification of those areas where the intervention is necessary and opportune.</li> <li>• The analysis of the specific needs and requirements.</li> <li>• The implementation, in cooperation with the direct benefit beneficiaries.</li> </ul>
The project coordinators aim to create technical assistance and direct support, in collaboration with the Ministry of Culture and Religious Affairs, the National Association of Public Libraries in Romania and the Public Libraries selected to directly participate in the project, since being both the implementers and the professional beneficiaries of the project.	<ul style="list-style-type: none"> <li>• The joint participation to the specific requirements identification and analysis.</li> <li>• The collaboration to the elaboration of the technical specifications and the architecture of the software system designed in the previous stage.</li> <li>• The joint participation to the development of the software system, in the framework of the Professional Promotional Program addressed to the Romanian Public Libraries representatives.</li> </ul>
The project aims to ensure the technical assistance, in the form of direct support to the implementation of these technologies.	<ul style="list-style-type: none"> <li>• The whole series of the technical specifications will be developed in the IOSSPL System - Integrated Open-Source System for Public Libraries.</li> <li>• System development: The software system will ensure the requirements expressed by the participating libraries systems. The software system will communicate with the shared national Catalogue via Internet.</li> <li>• The implementation and maintenance of the software system will be carried out by the participating libraries systems.</li> <li>• The standardization of the implementation procedure within the participating libraries systems, in the framework of the Professional Promotional Program addressed to the Romanian Public Libraries representatives.</li> </ul>

## IBLA Soft



Emil Mielica,  
product manager

### IOSSPL Project - IBLA Soft

Under the framework of the IOSSPL Project, an Open Source Software – IBLA Soft – has been developed to assist the activity of public libraries in 42 counties in Romania based on the merging of advanced emerging technologies for enterprise applications: OSS, JSR 168, GRID, J2SEE, JSF, Facelets, ORM, IOC, FRBR and OPAC.

#### General description

This project aimed at producing a high quality, low total cost of ownership (TCO) solution to be deployed on a national scale in public libraries, which would meet the needs of most small and medium organizations.

During the initial user requirements analysis phase we concluded that specifications clearly indicated towards a web based solution able to scale both horizontally (to accommodate more user requests) and vertically (to integrate more organizations in a cooperative environment).

By examining the open source software (OSS) community we have concluded that the best approach was to use a portal framework. Although portal-like environments have been in production for many years, a standard has been recently developed by the JSR process community – JSR 168 – standard supported by many large software companies like Sun, IBM, BEA and the OSS community. This approach requires a portal framework (a software application based on standard J2EE enterprise technology) to be deployed on the server machine, and independent components also known as portlets (that are themselves J2EE conforming applications) to be published. The main advantage of this approach is that portlets can be developed independently and deployed in a highly configurable fashion on the portal.

#### IOSSPL Portal structure

User functional requirement analysis has led to a set of portlets being developed. Each of these portlets employs an emergent technology from J2SEE community that allows rapid deployment of rich graphical user interfaces with multilingual support built in.

- Catalog Search portlet
- Catalog Management portlet
- Assets Management portlet
- Loaning portlet
- Community Forum portlet
- Community Wiki portlet
- Community Messages portlet
- Generic Content portlet
- News portlet
- Administration portlet

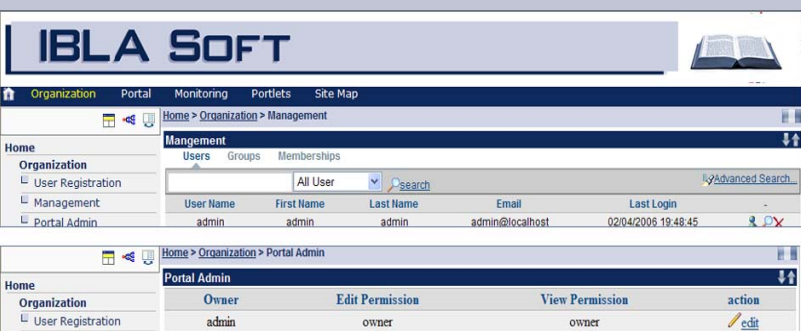
An extensive toolset has been developed to allow the administration from within the portal of any aspect pertaining to its functioning. A complex organization model allows for fine grained security settings. This power is mastered by administrators from within the portal.

The operation of the library revolves around its catalog and the most important use case is the search. We have developed a powerful search engine that is able to respond to queries of arbitrary complexity whilst providing a very simple and intuitive interface that any user that has ever accessed the internet, feels very comfortable with.

Although this interface is suitable for "Average Joe" type of queries (and for someone who knows the syntax of the query string it is more than enough), a more complicated interface is provided for those specific searches.



A Powerful administration portlet allows the configuration of any aspect of the portal from within the GUI.



Administrators can assign user to groups and monitor their activity



With the click of a button you can switch the language for the whole GUI



Once an entity has been identified by the query it can be displayed to the user or modified by the librarian. You might have noticed that I used the term entity and not book or item. This is because our catalogue does not store just the attributes of an item, but also the relationship between items and 3 more level of abstraction above it.

This approach is guided by the specification of a library standard named FRBR which stands for Functional Requirements for Bibliographic Records. The librarian community seems to think, and for a good reason, that this standard is the greatest invention since the proverbial sliced bread.

The FRBR specification is greatly influenced by the design of the WWW that has proved a tremendous success. It defines several types of entities and the relationships between them. This allows for multiple levels of abstraction in dealing with bibliographic entities. For example it defines the entities Work, Expression, Manifestation and Item in descending order of abstraction and it is worth noticing that a physical copy of a book stands at the Item level, while the other levels are related (in reverse order) with a specific edition, a particular expression (e.g. a novel, a play, a movie), and finally with the abstract concept behind a book (e.g. Romeo and Juliet – no matter if it's the original manuscript or a movie starring Leonardo DiCaprio). These entities are represented by XML documents and are stored in a database together with the relationships that tie them. A user is able to navigate this web of relationships in order to find relevant information.

Because of the semantic nature of the information stored, a great emphasis is placed on the correct input of relevant information.

To aid the librarian in its work a wizard-like interface has been developed with the purpose of simplifying the task to such a degree that it is hard to enter invalid data or to forget to enter it.

By requiring the user to enter a small amount of information at a time we keep him focused on the task at hand and hopefully this method eliminates any inconsistencies.



Wizard first step: Select what needs creating



Wizard second step: Fill a subset of attributes

The Asset Management portlet facilitates operations such as keeping the library inventory, from acquisitions, items entry into the library inventory, items allocation to different library sections, to the final item outflow from the library inventory.

The Loans portlet facilitates the management of the loans by the librarians, as well as reservation operations that can be performed both onsite by the librarian, and on-line by the registered customers of the library. For such on-line customers operations, authentication is required.

EVENTS



**IOSSPL Events**

The main events of the project were the launching and the finalization events. During the project development some other events were organized, and we have also ensured presence and communications to international and national conferences, seminars, and professional meetings in the field of library automation, including the annual ELAG meetings and conferences in 2004, 2005, and 2006.

The finalization of the project was realized with the participation of all the partners, and was organized in synergy with the participation to the ELAG 2006 international conference, the annual conference of the European Library Automation Group, this year focused on the theme "New tools and new library practices" (<http://www.cimec.ro/elag/>). ELAG, the European Library Automation Group, brings together once a year people involved in library automation in the leading European libraries and information centres. The organization counts 450 members in 27 countries all over Europe. The annual meetings aim at in depth discussions

of particular library automation topics and at the promotion of informal exchange of ideas and experience.

We have presented the project and the system to the international audience attending the conference by exposing the system at the IOSSPL stand, by live demonstrations and technical discussions with the library specialists from several countries as well as local experts. Communication activities were performed during the event, discussions with the mass-media representatives and software demonstrations.

During the ELAG 2006 conference we have also discussed the opportunity to establish synergies with international projects under way in the libraries automation and integration field. IBLA Soft is intended to be further involved in international R&D projects with Italian and Romanian participation, with the aim to extend the system in some innovative directions and to establish scientific collaborations with research teams from different fields and different countries.

There is also high potential for further address-

## EVENTS

ing the Educational Libraries environment, independently as well as under the framework of the educational development projects. Further to the presence and presentation at the ELAG 2006 conference, and following our mas-maedia communication, we have received several expressions of interest from Educational Libraries and Institutions that would like to be included in the wider initiative that will naturally continue the IOSSPL project, together with the Public Libraries. The Educational Libraries representatives will contribute to the new analysis process for the identification of the particular requirements for adjusting and customizing the IBLA Soft core system to the particularities of the libraries in the educational field, to the testing of the system, professional formation of the personnel, and potential collaborations in R&D future projects.

Moreover, the successful finalization of the IOSSPL project was highly welcomed as valuable support for other national programmes under way. A new synergy was established between the national cultural programme and the national Knowledge Economy Programme coordinated by the Ministry of IT and Communications. CONTACT NET being a consultant to the Knowledge Economy Programme, we ensure a point of con-

vergence and we are prepared to participate to the extension of the IOSSPL system in new areas of application, in synergy with both national programmes, within the wider goal to promote the Information Society in Romania.



## PROFESSIONAL FORMATION



### IOSSPL Professional Formation

Activities for the professional formation of the Public Libraries representatives in Romania were performed at several stages during the project and covered different areas of interest, thus responding to the requirements of various categories of public libraries personnel. The National Associations of Public Libraries and the National Commission for the Automation of Public Libraries were highly supportive during this phase of the project.

The first module of the professional formation was a preparatory stage providing training on the basic PC utilization (MS Windows XP and MS Office XP), with a focus on database utilisation (MS Access DB). The second and third modules were focused on the topical theme of library information and automation systems and the new library standards, as well as the practical utilisation of the new library software system created by the IOSSPL project.



The obstacle initially brought by the "inertia" of some library personnel in their professional views, not being immediately open to change and innovation or finding it difficult to accommodate to the impact of a new generation library system on their activity practices and processes, was soon counteracted by the clear explanation of the benefits of integrating library services and making them largely (and still securely) available as web-based services. Moreover, the uniformization requirement in some professional practices was understood as a potential enabler for large-scale integration, as well the substantial benefits on the simplification of daily library activities that can be brought by the libraries automation and integration process, along with the alignment to the new library standards.



The solution we found to the lack of uniformity and the confusion regarding various library automatic activity chains and workflows was mainly to discuss with the experts from the National Commission for the Automation of Public Libraries about the necessity to provide some guidelines and recommendations for the uniformization of the library practices and processes, regarding both the informational and the activity flows. We further followed the guidelines provided by the experts during this specific professional formation phase and will continue to collaborate on extending the libraries automation and integration initiative on a larger scale, both at the technical consulting and professional formation levels, after the finalization of the project.



Among other new developments and various innovative trends recently promoted within the automation libraries international environment, the FRBR Cataloguing standard was introduced

and explained - which is the new standard for the Functional Requirements for Bibliographic Records. FRBR defines entities and relationships and allows multiple levels of abstraction regarding bibliographic entities, and proposes to integrate the bibliographic records framework of various cultural fields, such as the libraries` and the museums` cataloguing systems. Even if FRBR proved to be difficult to understand, as it introduces new terms and terminology substantially different from the terms previously used in the cataloguing practice, the new standard was easier accepted when presented through a comparative matching guide between the long-used ISBD terminology and the new FRBR terminology. This approach facilitated the librarians` understanding of the terminology and the acceptance of the benefits brought by the recent FRBR implementation.

Finally, the new approach of a library automatic system in the form of a web portal was also introduced and explained, so that the libraries` personnel attending the courses became aware of the benefits of the portal technology and the

were also performed on-site training activities at the location of all the public libraries nominated as pilot libraries in the IOSSPL project, during the implementation phase of the project. The utilization and administration procedures implemented by the new library system were presented to the libraries` personnel and the local library employees were particularly trained on how to fulfill their specific activities by the help of the IOSSPL system.



Galati-Liesti



Galati-Tecuci



Ialomita-Tandarei

superior integration facilities that it provided to the library system modules and functions. The administration of the library user groups and accounts, with specific permissions and profiles, the entire security system, as well as the content management facilities, became therefore accessible and understandable to the library personnel as user-friendly features, entirely web-based and using open-source technologies.

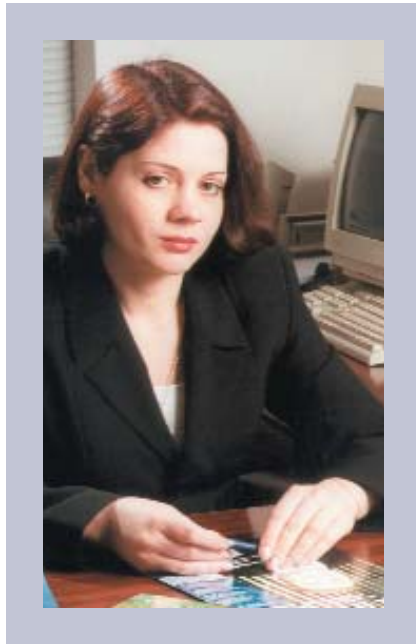
**On-site Training at the Pilot Public Libraries**

Besides the professional formation modules tailored for different levels and topics of interest during the professional formation phase, there



Ialomita-Slobozia

## Project Partners



General Manager, ADINA RIPOSAN  
[www.contact-net.ro/adinariposan.php](http://www.contact-net.ro/adinariposan.php)



CONSULTING  
 PROJECT MANAGEMENT  
 BUSINESS DEVELOPMENT  
 SOFTWARE DEVELOPMENT  
 MARKET RESEARCH  
 PUBLISHING

## ABOUT US

CONTACT NET LTD is an innovative SME set up in Romania in 2000, all its activities being targeted towards the deployment and adoption of Information Society Technologies, in the context of deep transformations and dynamic restructuring, and the provision of enhanced possibilities to all citizens to be integrated and adapted to the new realities.

Our company activity covers several fields focusing on Project Management, Consulting and Business development, Market Research, Publishing, Trainings, and Software & Services development.

CONTACT NET Ltd is ISO 9001 certified since 2005.

### Consulting and Project Development

Since 2002 CONTACT NET has been focusing on the challenging and brain-intensive field of Project development, coordination and management - our projects involving research, innovation and new technology implementation, following and often foreseeing the knowledge-based society international trends.

We currently provide consulting for the preparation of European IST projects, and R&D projects for international and national auctions and project contests.

Since 2003 CONTACT NET team courageously took the responsibility of international projects coordination, such as IOSSPL and EK-HR, the main R&D projects focusing on multi-language handwriting-recognition systems, libraries automation and web-integration based on Grid technology. For the projects timeframe we have also set up and coordinated project-offices in several countries (France, Germany, Russia, Czech Republic, Poland), closed partnerships with local research institutes and companies, and recruited and trained the required personnel to fulfill the project specific tasks.

### Governmental Consulting and Projects

In 2004 we have been selected as official consulting providers for the World Bank-funded Governmental programme GFP - Grant Facility Programme - the national-scale award of grants following the publication of several Calls for Proposals under the general goals of the



Knowledge Economy National Project. We have provided Consulting services to the Ministries involved and worked out the mechanism, the procedures and the methodology required for the Calls for Proposals organizing, the Application process and packages, Eligibility & Administrative Compliance guidelines, Evaluation & Selection criteria and procedures, Coordination & Supervision mechanism, Uniform Reporting Guidelines, Monitoring & Impact Assessment Process for the entire GFP Programme, as well as an outline of the Information & Dissemination Plan.

#### Software and Services Development

Our Software and Services development department is growing and consolidating around the highly talented young and visionary team of developers, providing services ranging from systems and requirements analysis to the development, implementation, testing and support.

The ICT projects of national importance we are undergoing, with wide international implications, address the libraries automation and integration at the national scale, aiming to fulfill the integration within the European libraries arena, portals development, web-integration of national associations, mayoralities, as well as support for E-Inclusion (implementation of Adaptable Multimodal Interfaces for Visually Impaired people to access Virtual Cultural Patrimony). By having proven the value of the company human capital at the top of international expectations, our client portfolio covers today a wide range of activity domains and geographical locations.

#### R&D activities are conducted in parallel

Our main objectives and on-going research and development (R&D) efforts are in the areas of Grid technology and Virtual Organisations management, Portal technologies, Security infrastructures and applications, Mobile Computing, Digital Library technologies, Embedded Systems, Handwriting recognition software, Cognition.

#### Market Research

Our long-run market study activities have extended from the internal surveys to the international market research projects. Our studies are always connected and support the R&D activities, addressing major societal objectives and advanced research goals (multi-language handwriting recognition, automated & digital libraries, digital radiology, vehicles mobile guidance and monitoring).

#### Publishing

In support to the projects development and coordination, our Publishing team has been editing print and on-line magazines of national audience in the ICT field, in both English and Romanian languages. Our magazines "E&m Global Perspective - Integration and Connectivity Today" and "XXI Solutions - Competitive Management in the Informational Society" have proven high success since the very launch and have attracted both national and international audience.

### OUR VISION

is to always think "one step ahead" and stay confident that anything that proves feasible, responsible and worth doing it is worth and possible to be accomplished.

### OUR MISSION

By every accomplishment, in the context of deep transformations and dynamic restructuring, CONTACT NET bridges the gap between opportunity and success.

We set a target to identify those critical areas where our solutions could prove reliably supportive to our customers, contribute to a substantial number of critical areas turning clear and provide reliable solutions to identified problems.

By informing in-depth and offering professional support for development and implementation guidance, CONTACT NET makes a point of acting as a "link" between aims and reality.

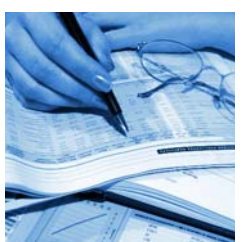
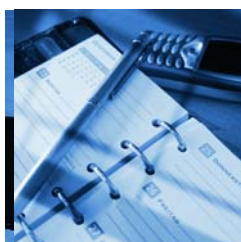
### OUR POLICY

is to salute our partners' initiative, jot down our own ideas, agree on the best alternative, proceed and develop the entire process.

Through innovative initiative, determined hard work, effective communication and mutual respect, every project we approach benefits from the enthusiasm of a young and visionary team of professionals, permanently oriented towards meeting our customers' requirements at the peak of their expectations.

## Project Partners





## CIMEC INSTITUTE FOR CULTURAL MEMORY

CIMEC is a public institution under the Romanian Ministry of Culture and Religious Affairs, founded in 1978, as a national organisation for the computerised cultural heritage record. Mainly the Ministry of Culture and Religious Affairs finance CIMEC on a contractual basis. CIMEC is an institutional member of ICOM (International Council of Museums) and it's International Documentation Committee (CIDOC).

CIMEC activities:

- Collects, processes, develops and disseminates information concerning movable and immovable cultural heritage, theatre performances, cultural institutions, bibliographic records and cultural events;
- Maintains the national databases on cultural heritage, the National Archaeological Record database and other computerised cultural information resources;
- Co-ordinates heritage documentation projects and participates in various regional and European projects;
- Develops tools for the collections documentation (artefacts description rules, data standards, terminological thesauri, authority files, software etc.);
- Is an editor of various publications, in both classical and digital formats;
- Provides consulting, Internet services and technical assistance for museums, libraries and other cultural institutions.

CIMEC offers assistance to Romanian museums and libraries by:

- technical and specialist consulting for the computerisation of the museum collections evidence and documentation;
- developing the documentary instruments that are necessary to the unitary evidence of the cultural heritage: developing the national data standards, co-relating them with the international standards, issuing the thesauri of terms;
- Providing electronic services and stimulating the creation of the cultural data network.

The CIMEC web site (www.cimec.ro), launched in May 1996, is the main gateway to Romanian cultural heritage. It has reached a monthly average of over 90,000 visits and 25,000 unique visitors, which is considered remarkable for a non-commercial site.

At present CIMEC is a partner in several European projects:



- EPOCH Network of Excellence in Processing Open Cultural Heritage (FP6, 2004-2008)
- "Landscapes of Europe: Past, Present and Future" (Culture 2000, 2004-2007)

CIMEC has been involved in several European and regional projects like:

- "ARCHTERRA" project - ArchWeb Nodes in Romania, Bulgaria and Poland (Copernicus-Esprit, 1999-2001)
- "ARENA" project - Network of Digital Archaeological Archives (Culture 2000, 2001-2004)
- "CULTIVATE CEE" project (FP5, 2001-2003)
- "HEREIN" project - European Heritage Network" (FP5, 2002-2004)
- "CULTURAL HERITAGE-COMMUNITY-CITIZEN" (2002).

CIMEC published 40 books and CD-ROMs on cultural heritage topics: bibliography, museology, archaeology, numismatics, historic monuments, history, and ethnography. "cIMEC ON-LINE" is the quarterly newsletter of the institute.



## PROGETTO SOFTWARE

PROGETTO SOFTWARE LTD is a software development company based in Ragusa (Sicily) whose activity is the production and commercialisation of software products and related services.

The company was born in 1991, the founders assuming top roles in the organisation besides the role of General Managers: Commercial Manager, Technical Manager, Administrative and Technical Assistance Manager. The initial "Know-How" was related to the previous professional experience of its members, experience that allowed them to value market opportunities, later enriching the company knowledge with foreign professional training. The formalization of the workflows and communication channels among the human resources operating in the company has asked for a clear definition of tasks and duties for each stated position. The organization today is based on a functional structure model, the main functional areas including Software Design and Development, Technical Assistance, Commercial Management.

**Quality and TQM:** The Quality System Management and Total Quality principles are implemented and controlled in the company. All the activities are carried out according to the requirements of the UNI ENI ISO 9001 standards and related procedures. The involvement in "continuous-improvement" activities and Excellence Management has led to the participation to the "Italian Quality Prize" competition, and a national prize was awarded to the company at the 2005 edition for the results obtained and the entire involvement with Quality standards and procedures.

PROGETTO SOFTWARE performs system analysis and programming activities, the main software product being the system for the Organized Distribution designed to solve the requirements of the Distribution Centres, Cash & Carry companies. Moreover, the company is involved in the commercialisation of management software for commercial agencies, consulting firms, tax and employment consulting firms. Continuous growth and widening of the products portfolio has characterized the company during the last years, along with the evolution of the ICT's technologies.

PROGETTO SOFTWARE initially addressed the local small and medium companies and consulting firms with an offering mostly consisting of application software. In the early 90's PROGETTO SOFTWARE expanded its products range with the development and commercialisation of the "CDA-PLUS" application software targeted to meet the requirements of the big Organized Distribution companies.

This innovative software product gained the appreciation of Siemens Nixdorf and PROGETTO SOFTWARE became Siemens Nixdorf's software house in 1994. The approach of new markets, especially in Campania, and the strong penetration of the local market, generated a high demand for new human resources. Therefore, the company started to increase its number of employees and formalize the tasks and duties in the different functional areas.

At present PROGETTO SOFTWARE offers the following products and services:

- Software packages and the required installation procedures
- Hardware products
- Technical assistance and software maintenance services
- Professional trainings.

## Project Partners





Biblioteca Județeană "Ovid Densusianu"



## Pilot Libraries

### County Library "Ovid Densusianu"

#### Deva, County Hunedoara

Library Manager: Gabriela Marcu

"Ovid Densusianu" is the County Library of the Hunedoara County, located in the town Deva. It plays a very important role in the local and regional society from all the cultural, informational and educational points of view. Besides providing a rich and up-to-date informational source to the citizens, the Densusianu library also coordinates the methodological guidance of all the public libraries in the Hunedoara County, and supports the professional formation of the libraries' employees within the Hunedoara libraries network. The regional bibliography worked out by the Densusianu library provides rich information about the history, geography, economy and the social life of the Hunedoara county. Moreover, the experts of the library perform research studies regarding the personalities of the Hunedoara County in culture, art, science, and other fields, and publish thematic papers in series or on demand, as well as anniversary bibliographic editions. The library conducts studies and sociologic research on the public reading and documentation behaviour, and publishes informational newsletters such as „Carti Noi” ("New Books") and „Vox Libri”. Also, the main cultural events of the county are acknowledged and supported by the county library. Besides its cultural role, the County Library



Densusianu provides social and informational assistance to the citizens of the county, on themes such as health, public administration, education, law and juridical regulations, employment market, and other topical subjects.

Besides the library headquarters, the library subscribers are welcomed to receive valuable support and services at two subsidiaries and two loan points in the Deva town. The library provides documentation materials and support to the readers on-site, at the library headquarter reading halls, at the Art hall, and at the French section hall. A rich collection of library materials are also available for loan and provided to the subscribers at two separate library sections, one section addressed to the mature population and one section addressed to the children, ensuring specific support for the specific requirements and needs of the readers.

### County Library "Stefan Banulescu"

#### Slobozia, County Ialomita

Library manager: Elena Alexandru

The County Library "Stefan Banulescu" Ialomita, is a county-level cultural institution that provides equal access to all users to information and documentation. The County Library builds collections of documents necessary for information and documentation at the Ialomita County community level, namely encyclopaedic books collections, serials, graphic and audio-visual documents, achieving the current and retrospective completion of the collections by acquisitions, transfers, donations, inter-library exchange, and other legal sources. The library staff keep the global and individual documents inventory, and perform bibliographic processing of the documents according to the standard norms for cataloguing, classification and indexing. They complete, process and preserve the cultural patrimony assets, as well as the documents under Legal depot organised in special collections. They provide bibliographic information and prepare, on user request or according to different fields of interest, bibliographic lists, and thematic bibliographies. The library provides documents either for loan or onsite at the reading hall. It can facilitate interlibrary loan both at the national and international level. Moreover, the County Library makes acquisitions or development of document databases, organizes catalogues and other instruments for communicating the collections in a traditional way, and ensures training for the users on how to use these modern information



sources. The library organizes training and communication activities for the users, promoting the collections and the library services, as well as specific activities for cultural animation. The specialists conduct studies and research work in the library methodology field, information science and the sociologic reading behaviour, organise scientific sessions on various fields, draw up and edit cultural products necessary to the community members. The library structure consists of: the section for loan for the adult population, the section for loan for the children, the reading hall, the reading hall for mass-media and legislation, the subsidiary.

### **Town Library Tandarei, County Ialomita**

Library representative: Crina Radulescu  
The Town Library Tandarei is the main cultural, informational, and documentation center in the town Tandarei, being active in the cultural formation and the education of the town citizens, both adults and children. The library also monitors and supports the main cultural and informational events in the town.

### **County Library "V.A. Urechia"**

#### **Galati, County Galati**

Library deputy manager: Liviu-Lulian Dediu  
The Library "V.A. Urechia" was established on 15th of October 1871 by the Galati County Council that votes the Covurlui Public Library in the town of Galati. The County Library "V.A. Urechia" Galati was founded by Royal Decree no. 3382 on 7th of December 1889 and was opened as state public institution on 11th of November 1890. The actual building of the library used to be the headquarters of The



Danube European Commission, and in 1968 it became the Library home center. The institution provides modern services based on integrated solutions for information processing and provision to good use. The county library has valuable encyclopaedic collections, and provides to the readers a rich pool of information by both classic services and modern access technology, benefiting from Internet access for its patrons and librarians. Everyone can access Library information and service site at [www.bvau.ro](http://www.bvau.ro)  
The County Library "V.A. Urechia" Galati coordinates the activity of all the public libraries in the County Galati, and supports the professional formation of the public libraries' employees.

### **Municipal Library "Stefan Petica"** **Tecuci, County Galati**

Library representative: Manuela Cepraga  
The Municipal Library "Stefan Petica" is the only public library at the Tecuci Municipal. The basis of the first "public library of the town Tecuci" was established by a group of intellectuals from Tecuci in autumn 1907. In 1968, the library became the Municipal Library, with the purpose of meeting the reading and informational requirements population from the entire municipal. The library was given the name of the writer Stefan Petica on October 28, 1994.

Every year, the library collections and the number of subscribers increase. Moreover, the library specialists are focused on creating a set of instruments capable of facilitating the access of the readers to information regarding the history and the present day realities of the town. Several bibliographic series have been created describing the local personalities of Tecuci, along with a thematic file about Tecuci "Scieri despre Tecuci", a chronic of the main local events and a photo-library. The Municipal Library "Stefan Petica" is structured in five sections: the section for loan for the mature population, the section for loan for the children, the French section for loan, the reading hall with 60 seats, the section for acquisitions and processing.

### **Village Library Liesti, County Galati**

The Village Library plays an increasingly important role in the cultural and social development of the Liesti community, therefore the library personnel show a vivid interest and high motivation to advance the technological infrastructure and methodology and make a radical step forward towards the information society.

## Pilot Libraries



---

---

Contact Coordinates:

Phone: +40-744 310 280; +40-744 623 209

E-mail: [adina.riposan@contactnet.ro](mailto:adina.riposan@contactnet.ro)

[www.contact-net.ro](http://www.contact-net.ro)