

**GREEK
INTEROPERABILITY
CENTRE**

Delivering Excellence in eBusiness and eGovernment

**European Commission /
FP7 Project 204999**

The main goal of the Greek Interoperability Centre is to establish a new research centre targeting eGovernment and eBusiness Interoperability Research.

Stemming from the Decision support Systems Lab of the National Technical University of Athens, the leading technological research institute in Greece, the centre promotes interoperability in administrations and enterprises.

The Greek Interoperability Center aims at becoming a premium research centre in the field of Interoperability, forming a strong regional pole of research and technology in Europe.

www.iocenter.eu

A Research Project with the funding and supervision of the European Commission within the FP7 Research Programme.



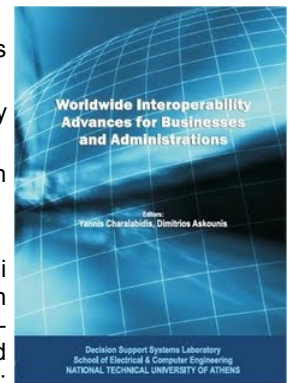
Book on Interoperability from the GIC

A new publication was issued with the support of the Greek Interoperability Centre. The book "Worldwide Interoperability Advances for Businesses and Administrations" sums up several approaches in eGovernment and eBusiness systems Interoperability at a global level. The editors are Yannis Charalabidis and Dimitris Askounis.

The topics covered are as following:

- Interoperability Practices for Enterprises and Administrations
- Realising the Perspective Inter-Domain Interoperability: The Practical Power of Hybrid Architectural Approaches in Integrating Processes, Data and Services Between Businesses and Administrations
- Designing Generic Municipal Services Process Models towards eGovernment Interoperability Infrastructures
- Achieving Cross-Country Electronic Documents Interoperability with the help of a CCTS-based Modelling Framework
- Towards Standardising Interoperability Levels for Information Systems of Public Administrations
- Interoperability Registries in eGovernment

Authors of the chapters include Herve Panetto, Evripidis Loukis, Kai Mertins, George Gionis, Sotiris Koussouris, Anastasios Tsitsanis, John Psarras, Fenareti Lampathaki, Spiros Mouzakitis, Till Janner, Christoph Schroth, Volker Hoyer, Demetrios Sarantis, Dimitris Askounis and Yannis Charalabidis. You may find more information at: www.iocenter.eu



GIC Case among the best 3 Solutions in European eGovernment Awards 2009



The Greek Case "**Interoperability Standards and Infrastructures for Service Transformation - ERMIS**", developed by the Greek Interoperability Centre in collaboration with the Greek Ministry of Interior, was among the 3 Nominees for the **1st Prize** in the category 3 "**eGovernment enabling administrative efficiency and effectiveness**" of the European eGovernment Awards.

The European eGovernment Awards is being organized by the European Commission and is one of the most prestigious eGovernment excellence contests worldwide.

In the ceremony held on 19th November 2009, in the Finals of this year's European eGovernment Awards, in Malmoe Sweden, 3 cases were in the final round in category 3, among 27 finalists and over 180 submitted cases

from around Europe. The nominees were:

- *The Portuguese Case (Licenses & Permits through ATM Networks) – Winner of the 1st Prize*
- *The Greek Case (Interoperability and Service Transformation—ERMIS)*
- *The Austrian Case (Electronic Procurement Systems)*

ERMIS (the Greek case) constitutes a systematic approach for one-stop, automated, interoperable digital services for citizens and businesses at national and local administration levels. It covers more than 18.000 administrative units, 1.000 government-to-citizen and government-to-business services plus almost 4.000 public administration forms and encompasses the Greek Interoperability Framework, a novel approach to interoperability standardization.

The case was presented by members of the Ministry of Interior, Decentralisation and Electronic Governance, the Greek Interoperability Centre / National Technical University of Athens and Unisystems SA.

The Next eGovernment Awards Organisation is bound to take place in Poland, in 2011. You may visit the Greek Case at <http://www.epractice.eu/en/cases/ermis>

Decision Support Systems Laboratory
School of Electrical and Computer Engineering
National Technical University of Athens



GIC participates in the FInES Cluster Position Paper



Experts of the Greek Interoperability Centre contributed in the FInES Cluster Position Paper that was launched on the 1st of September 2009.

The Future Internet Enterprise Systems (FInES) Cluster is a unique integrating focal point for EU-funded research projects and other relevant initiatives in the domain of Future Internet Enterprise Systems, as well as all stakeholders who have an interest in the domain.

The FInES Cluster Position Paper is the first collective out-put of the FInES Cluster to establish a common baseline for the development of the Cluster and has as purpose:

1. To analyse the current economic context from the perspective(s) of European Enterprises;
2. To provide a contribution on the vision, nature, shape and requirements of Future Enterprises in complement to the above;
3. To support the re-orientation of the FInES Cluster in light of the new entrants;
4. With reference to the current (2009-2010) and the next (2011-2013) FP7 ICT Work Programmes, to provide input for the research work of Objective 1.3.

The scope spans three inter-related areas: Future Internet, a new generation of ICT-enabled enterprise systems, and sustainable businesses and has two main target audiences:

- Research projects and researchers in the FInES Cluster and beyond
- All other stakeholders of FInES

More information on the FInES Cluster is available at: cordis.europa.eu

GIC in the 3rd meeting of the GITB, October 22, Turkey



The third Open meeting of the GITB (Global Interoperability Test Bed), project took place in Istanbul on 22 October, during the eChallenges conference.

In this meeting, the Greek Interoperability Centre presented views on eGovernment Interoperability Testing and Certification.

The following presentations were made:

1st part – motivation of the global eBusiness interoperability test bed

- ✦ "Why testing matters – the need for eBusiness testing", Christine Legner, GITB Project Manager
- ✦ "Testing the interoperability of UBL/NES based applications", Tuncay Namli, SDRC
- ✦ "Towards a Global Test Bed for International Supply chain integration", Hyunbo Cho, Korbit/Postech

2nd part – Testing requirement and capabilities

- ✦ "Testing from the eBIZ TCF perspective (eBusiness in textile/clothing and footwear sectors)", Nicola Gessa, ENEA
- ✦ "eGovernment and geospatial information", Giuseppe Conti, Fondazione Graphitech
- ✦ "eGovernment Interoperability", Yannis Charalabidis, Greek Interoperability Centre
- ✦ "Interoperability of the Open source domain", Alicja Ciemniowska, Poznan Supercomputing and Network Center

For more information on the GITB standardisation attempt visit: www.eBusiness-testbed.eu

3rd International Workshop on Interoperability for Administrations and Enterprises



The 3rd International Workshop on Interoperability was held in Istanbul, in the context of 2009 eChallenges Conference, on October 22nd, chaired by Y. Charalabidis (on-site), R.Goncalves and M.Missikof (off-site), supported by the Greek Interoperability Centre. During the workshop titled "Interoperability

Infrastructures and Standards for Administrations and Enterprises" the following presentations were made:

- "Interoperability of UN/CEFACT CCTS based Electronic Business Documents", Asuman Dogac, Software Research and Development and Consultancy Ltd., Turkey
- "Enabling the Next Generation Interoperable and Easy to Integrate Software Products of the European SMEs with a Semantic Service-oriented Private Adaptation Layer", Stelios Pantelopoulou, SingularLogic S.A, Greece.
- "eGovernment Interoperability Standards and Infrastructures: Initiatives, Issues and Challenges", Yannis Charalabidis, NTUA / Greek Interoperability Centre.

Discussion focused on initiatives to promote interoperability at technical, semantic and enterprise levels and exchange of information on standardisation bodies for eGovernment and eBusiness.

Participation in the KMIS Conference 2009, Portugal

This year's International Conference on Knowledge Management and Information Sharing took place in Madeira, Portugal, in October 6-8.

Knowledge Management (KM) is a discipline concerned with the analysis and technical support of practices used in an organization to identify, create, represent, distribute and enable the adoption and leveraging of good practices embedded in collaborative settings and, in particular, in organizational processes. On the other hand, Information Sharing (IS) is a term used for a long time in the information technology (IT) lexicon, related to data exchange, communication protocols and technological infrastructures. The two areas are intertwined in KMIS as information sharing is the foundation for knowledge management.

In KMIS 2009, GIC participated with Aikaterini-Maria Sourouni that presented the paper:

"An Upper Ontology for Enterprise Process Modelling", Aikaterini Maria Sourouni, George Kourlimpinis, John Psarras, Dimitris Askounis

1st International Workshop on Digital Cities



The 1st International Workshop on Digital Cities was held in Istanbul, in conjunction with the 2009 eChallenges Conference, on October 21st. During the workshop titled “Digital

Cities: Bringing Digital Public Services to the Local Communities”, chaired by Y. Charalabidis, T. eL Masri and G.Karaseitanidis, the following presentations were made:

“Digital Cities for the Next Generation: Research Challenges from the Field”, Yannis Charalabidis, National Technical University Athens / ICCS, Greece

“Building Digital Infrastructures and Services in Municipalities: the Case of Trikala City” Olivera Djordjevic, e-Trikala, Greece

“Developing Digital Cities in the Context of the Knowledge-Based Economy: Towards an Integrated Approach”, Emmanouil Ergazakis, National Technical University of Athens / ICCS, Greece

“Developing Digital Cities Best Practices: The Case of Almere”, Tamer el Masri, Almere Kennisstad, Netherlands

Participants of the workshop focused on the motivation and objectives of “digital cities” projects for developing broadband infrastructures and applications/e-services as well as on the main challenges and difficulties faced during such projects and reported on the achievements, current situation analysis of “digital cities” projects and assessment of their social, economic and other city-related impacts.

The Greek Interoperability Centre also contributes to:

- 43rd Annual Hawaiian International Conference on System Sciences (HICSS-43), Kauai, Hawaii, January 5-8, 2010
- 2nd International Conference on eGovernment and eGovernance (ICEGEG 2010), Antalya, Turkey, March 19 - 21, 2010
- 8th Eastern European eGov Days (eeeGovDays 2010), Prague, Czech Republic, April (21) 22-23, 2010
- 12th International Conference on Enterprise Information Systems (ICEIS 2010), Funchal, Madeira, Portugal, June 8 - 12, 2010
- 10th European Conference on e-Government (ECEG 2010), Ireland, June 17 - 18, 2010
- International Conference on Information Society (i-Society 2010), London, UK, June 28 – 30, 2010
- 16th Americas Conference on Information Systems (AMCIS 2010), Lima, Peru, August 12-15, 2010
- 14th Panhellenic Conference on Informatics (PCI 2010), Tripoli, Greece, September 10 - 12, 2010
- 8th International Conference on Practical Aspects on Knowledge Management (PAKM 2010), Philadelphia, USA, November 10 – 12, 2010

IDABC EIS Info Day - 1st December 2009, Brussels



The Directorate General for Informatics organised the European Interoperability Strategy information day, on December 1st, in Brussels, Belgium.

The **European Interoperability Strategy (EIS)** is an initiative of the IDABC programme that aims to provide direction and to prioritise the undertaking of actions to achieve improved interaction, information exchange and coop-

eration among public administrations across borders and sectors for the years 2010-2015.

The **EIS** aims to contribute to achieving cross-border and cross-sector interoperability for better and more efficient delivery of electronic public services all around Europe, the so-called “European Public eServices”. It moreover complements the **European Interoperability Framework**.

The **EIS Info Day** focused on the draft version of the **European Interoperability Strategy**, currently under preparation within the IDABC programme. A public consultation on the **EIS** will be launched in December 2009. The key note address was delivered by Mr. García Morán, Director General for Informatics, European Commission.

More information may be found at: <http://ec.europa.eu/idabc/en/document/7828>

AMCIS 2010 Minitrack on eGovernment Interoperability



GIC will co-organize a Minitrack on “Worldwide Advances in eGovernment Interoperability” during the 16th Americas Conference on Information Systems (AMCIS), to be held at Lima, Peru, in August 12 - 15, 2010. Mini-track Co-Chairs:

Yannis Charalabidis, University of the Aegean (Corresponding Chair)

Ulf Richter, Centrum Católica, Pontificia Universidad Católica del Perú

Ricardo Goncalves, Universidade Nova de Lisboa, Portugal
Ralf Klischewski, German University in Cairo, Egypt

The Minitrack will focus on the most recent developments in eGovernment interoperability approaches, standards and infrastructures, gathering advanced results on interoperability from researchers and practitioners. More Information may be found at: <http://www.amcis2010.org/home/>

Join the Secondments Programme

GIC organizes and supports the implementation of selected **two-way secondments** with GIC partner organisations.

The purpose of the secondments is the **exchange of researchers** for a limited period of time (indicatively 2 to 3 months) among GIC and international centres/companies active in the interoperability, egovernment and ebusiness domain.

The researchers participating in the programme will be involved in the research and scientific activities of GIC and of the respective organization accordingly. GIC provides funding for the implementation of the two way secondments.

For more information on joining the Secondments Programme: imakar@epu.ntua.gr