



Semantic Interoperability Conference 2015

Bringing Enterprise
Information Management
and Service Portfolio Management
to public administration

5 May 2015, 9.30 – 17.15
National Library of Latvia
Riga, Latvia

Introduction



SEMIC 2015 is the fifth edition of the annual conference on semantic interoperability organised by the Interoperability Solutions for European Public Administrations (ISA) Programme of the European Commission. Since 2011, the conference brings together an ever-growing number of participants from public administrations, the private sector and academia to discuss the use of semantic interoperability solutions for better public services and interoperable public data.

Emerging trends in public administration, such as “digital by default” and the “once only” principle, require public organisations to rethink the way they manage information, especially in the context of public service delivery. SEMIC 2015 will explore how Enterprise Information Management and Service Portfolio Management can help public administration improve its modus operandi, reduce costs and improve public services through digital transformation.

I hope that you will enjoy SEMIC 2015 and invite you to take active part in today’s discussions, network with your peers and meet our speakers.

Gertrud Ingestad

Director, Directorate Digital Business Solutions,
DG Informatics, European Commission

Agenda



Conference Programme

- 8:30 – 9:30** *Registration & coffee* ☕
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- 9:30 – 9:40** *Opening — Latvian Presidency*
Arnis Daugulis – State CIO, *Ministry of Environmental Protection and Regional Development.*
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- 9:40 – 9:50** *Welcome to SEMIC 2015*
Gertrud Ingestad – Director, *Directorate Digital Business Solutions, DG Informatics, European Commission.*
Conference chair.
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- 9:50 – 10:10** *Enterprise Information Management and Service Portfolio Management for the Public Sector*
Vassilios Peristeras – Programme Officer, *ISA Programme of the European Commission*, responsible for *ISA Action 1.1.*
Keynote — Japanese Common Vocabulary Project
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- 10:10 – 10:50** **Shuichi Tashiro** (田代 秀一) – General Manager, *IPA Open Standards Promotion Centre.*
Takashi Wada (和田 恭) – Director, *Ministry of Economy, Trade and Industry.*
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- 10:50 – 11:10** *Challenges of the semantic interoperability layer: core registers and their contribution to the core data model establishment.*
Peter Reichstädter – Senior Strategy Evangelist, *Austrian Federal Chancellery.*
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- 11:10 – 11:40** *Coffee break* ☕
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PART 1: Enterprise Information Management

11:40 – 12:00	<p><i>Different dimensions of the once-only principle</i></p> <p>Mechthild Rohen – Head of Unit, Public Services (Unit H.3), <i>DG CONNECT, European Commission.</i></p>
12:00 – 12:20	<p><i>Presentation of the Stelselcatalogus</i></p> <p>Kristian Mul – Programme Manager Stelselcatalogus, <i>Logius, The Netherlands.</i></p>
12:20 – 12:40	<p><i>Finnish Act of 2011 on Information Management Governance in Public Administration</i></p> <p>Jari Kallela – Ministerial adviser, <i>Ministry of Finance.</i></p>
12:40 – 13:00	<p><i>The Value and Implications of Master Data Management (MDM) and Metadata Management</i></p> <p>Dimitris Geragas – VP Consulting, <i>Gartner US.</i></p>
13:00 – 14:30	<p><i>Networking lunch</i> </p>
14:30 – 14:50	<p><i>Creating Data Value Chains by Linking Enterprise Data</i></p> <p>Sören Auer – <i>University of Bonn, Germany.</i></p>
14:50 – 15:10	<p><i>The Technology Transfer Centre of Spain — The portfolio of solutions (services, applications, data models, legislation, etc.) for Spanish public administrations.</i></p> <p>Elena Muñoz Salinero – Head of Telematic Systems, <i>Ministry of Finance and Public Administration.</i></p>
15:10 – 15:30	<p><i>Core data models in E-government interoperability — roadmap for Latvia</i></p> <p>Dita Gabaliņa – <i>Ministry of Environmental Protection and Regional Development.</i></p>
15:30 – 16:00	<p><i>Coffee break</i> </p>

PART 2: Service Portfolio Management

Panel discussion:

Best practices for service portfolio management

Panel moderators: **Miguel Alvarez-Rodriguez** & **Peter Burian** – Programme Officers, *ISA Programme of the European Commission, responsible for ISA Action 1.3, “Catalogue of Services”*.

16:00 – 17:00

Panellists:

Marjukka Ala-Harja – *Ministry of Finance*, Finland.


Tom Booth – *Government Digital Services (GDS)*, United Kingdom.

Dita Gabaliņa – *Ministry of Environmental Protection and Regional Development*, Latvia.

Janek Rozov – *Ministry of Economic Affairs and Communications*, Estonia.

17:00 – 17:15

Wrap-up

Networking drink 

17:30 – 19:00

Organised in collaboration with the *ContAct Riga* event.

Xcelsior Art Gallery, Ulzvaras Bulvaris 5, Rīga.



Conference **Speakers**

Conference hosts



Gertrud INGESTAD

European Commission, DG Informatics, Directorate Digital Business Solutions

Gertrud Ingestad was born in Sweden in 1958. She did her studies in languages and history and worked as a language teacher in Stockholm before joining the European Commission in 1995. Her main domain in the Commission has been resources, with a specialisation in people- and orientation-related issues. In DG CONNECT, her previous post, she also worked with IT rationalisation across the Commission, and became acquainted with ICT policy and research. In January 2014, she joined DG DIGIT as Director for Information Systems and Interoperability Solutions, now Digital Business Solutions. Her main driving force is constant improvement in collaboration.



Arnis DAUGULIS

Ministry of Environmental Protection and Regional Development – Latvia

Arnis Daugulis is Deputy State Secretary for ICT and e-Government at the Ministry of Environmental Protection and Regional Development of the Republic of Latvia. In his role at the Latvian Ministry of Environmental Protection and Regional Development, Arnis Daugulis carries responsibility for defining ICT and e-Government policy, strategy and implementation plans for the Government of Latvia. He has received a Master of Science degree in Electrical Engineering from Riga Technical University and a Licentiate of Engineering degree from the Royal Institute of Technology in Stockholm, specialised in requirements engineering in IT procurement projects. As an ICT executive, he received extensive professional training, including project management, change management, HR management and creative thinking. In 2010, he graduated from the Executive Education Programme for Professional Board Members at the Baltic Institute of Corporate Governance.

Keynote speakers



Shuichi TASHIRO

IPA Open Standards Promotion Centre – Japan

Dr Shuichi Tashiro is a General Manager of the Open Standards Promotion Centre of the Information-technology Promotion Agency (IPA), Japan and leads the IMI project to enhance semantic interoperability of e-Government systems. IMI published their core vocabulary on February 2015 after experimental use among some forward-thinking local governments and the open-data community. Dr Shuichi Tashiro began his work in the Electrotechnical Laboratory of the Ministry of International Trade and Industry as a researcher of computer science and networking in 1987. From 2002 he served in METI to start up projects to promote OSS and Open Standards. He moved to IPA in 2006. He is also a lecturer at the University of Tokyo and Chuo University.



Takashi WADA

Ministry of Economy, Trade and Industry – Japan

Mr Takashi Wada is the Director of the Information Technology Project Office, Ministry of Economy, Trade and Industry (METI), Government of Japan. He is responsible for e-Government policy planning and administration of major e-Government projects including open data demonstration projects and the Infrastructure for Multilayer Interoperability (IMI) project among e-Government systems and private sector. Japan's latest IT strategy in 2013 refers to the development of information exchange infrastructure among government organisations, where fragmented authorities at central government and 1700+ local municipalities hinder streaming flow of information. The IMI project is directly responding to such policy need. Mr Wada joined the Ministry of International Trade and Industry (currently METI) in 1993. After undertaking several IT related positions, he was assigned to his current position in 2013. Since then he has been taking leadership in open data and government interoperability discussions within the government.

Speakers



Vassilios PERISTERAS

European Commission, DG Informatics, Interoperability Solutions for European Public Administrations

Vassilios Peristeras works as Programme Manager in the European Commission, Interoperability Solutions for European Public Administrations (ISA) Unit. He has also been appointed as an Assistant Professor at the International Hellenic University in Thessaloniki, Greece. He has worked as researcher and consultant in various organisations and has initiated and coordinated several international projects in the area of e-Government. His interests include e-Government and e-Participation, semantic technologies and interoperability. He has published over 100 papers in scientific journals/conferences and has served as editor, programme committee member and reviewer for more than 60 journals, books and conferences. He holds a PhD in Electronic Government.



Peter REICHSTÄDTER

Federal Chancellery – Austria

Peter Reichstädter works for the Federal Chancellery of the Austrian Republic in the Division for the Austrian ICT-Strategy – Department of Law, Organisational and International issues, which is responsible for the elaboration and coordination of the Austrian E-Government strategy within the initiatives of i2020 (ISA Programme – there he is leading the focus working group on Austria's Interoperability Framework) and Digital Agenda. Furthermore Peter is a board member of the Austrian Computer Society and head of the working group on E-Government / Interoperability aspects), author of many specific publications, organiser of computer science and law tracks in conferences, lecturer on the E-Government and E-Commerce courses of studies at the Danube University Krems, FH Joanneum University of Applied Sciences, research partner at the Vienna University of Technology, and a member of several EU-related working groups (Portal of the EU Administration — Your Europe, European Interoperability Framework, Interoperability Architecture), elaborating the main points of trust and security as well as adding contributions to OECD E-Government peer review initiatives and other OECD working groups.



Mechthild ROHEN

European Commission, DG Connect, Public Services

Dr Mechthild ROHEN is Head of Unit for Public Services in the Directorate General for Communications Networks, Content and Technology in the European Commission (CONNECT). The Unit's mission is to lead the development and deployment of EU Digital Public Services/Goods, focusing on cross-border excellence in e-Government. This includes the coordination of the cross-border services support under the CEF (Connecting Europe Facility) for DG CONNECT. In this context the Unit is responsible for the DG's e-Government portfolio which includes the e-Government policy within the Digital Agenda for Europe and the e-Government Action Plan 2011–2015, and the deployment of innovative technologies in public administrations and governments. The e-Government Action Plan is used for implementing the necessary actions to transform administrations into more open, transparent and collaborative entities interacting efficiently with increasingly mobile businesses and citizens.



Kristian MUL

Logius – The Netherlands

Kristian Mul is currently working for Logius, a Dutch government organisation that offers a cohesive ICT infrastructure to public service providers so that citizens and businesses can reliably, quickly and easily conduct electronic business with them. As business consultant for the Stelselcatalogus (or System Catalogue) Kristian is responsible for the alignment between the functionality of the Catalogue and the needs and wants of its users and the policy-makers.



Jari KALLELA

Ministry of Finance – Finland

Dr Jari Kallela works as a ministerial adviser at the Ministry of Finance in Finland and leads the enterprise architecture work in the whole public sector. He is responsible for the legal aspects, strategic governance of the enterprise architecture work and leading the development and implementation of the architecture vision at the public sector level. Before joining the Ministry of Finance he had similar responsibilities in private companies including ABB, IBM, Wärtsilä and Metsä Group.



Dimitris GERAGAS

Gartner US

Mr Geragas is an expert in enterprise information architecture (EIA), enterprise information management (EIM), information governance, master data management (MDM), data management and integration (DM&I), data warehousing (DW), business intelligence (BI), analytics and big data, along with their associated programs. He is proficient in analysis, design, modelling and development of enterprise-level data management systems, architectures and infrastructure. He has broad experience in a wide range of business functions including strategy, marketing, production, supply chain, financial and business development for a variety of industries including finance, banking, publishing, transportation, retail, health, energy/utilities, supply and professional services, and for the federal government.



Sören AUER

University of Bonn

Prof. Sören Auer holds the chair for Enterprise Information Systems at the University of Bonn and leads a research group at Fraunhofer Institute for Analysis and Information Systems (IAIS). Sören has made substantial contributions to social and semantic web technologies, knowledge engineering and usability, as well as databases and information systems. Sören is author of over 80 peer-reviewed scientific publications. Sören is coordinating the European Union's H2020 project BigDataEurope. He is co-founder of several high-impact research and community projects such as DBpedia, SlideWiki.org and LinkedGeoData, organiser and co-programme chair of renowned scientific conferences and area editor of the Semantic Web Journal, and serves as an expert for industry, EC, W3C and advisory board member of the Open Knowledge Foundation.



Elena MUÑOZ SALINERO

Ministry of Finance and Public Administration – Spain

Head of the Area of e-Government Systems in the Directorate of Information and Communications Technologies, the agency responsible for the management and implementation of the ICT strategy in the General Administration of the State, coordination and promotion with the Regional and Local Governments and collaboration with international organisations. She is a Telecommunications Engineering graduate of the Polytechnic University of Madrid. She became a civil servant in 2003, specialising in ICT. Among other activities, she has led the initiative of the Technology Transfer Centre since 2008 and has worked actively on policy for reusing applications and services in Spanish Public Administrations to increase interoperability and to foster the provision of e-Government services.



Dita GABALIŅA

Ministry of Environmental Protection and Regional Development – Latvia

Dita is an expert in information technology, with more than 25 years of experience in development of information systems, information system architecture and business intelligence solutions. Since 2005, Dita's work is related to consulting in conceptual planning and architecture of information systems data architecture. In 2013–2014, Dita participated in the development of an IT architecture for the public sector of Latvia, which included the development of the concept of 'Unified Data Space' — a basis for interoperability in information architecture. E-health is Dita's particular area of interest. Between 2012 and 2014 Dita was Advisor to the Minister for Health of Latvia, which provided her with the opportunity to learn from the challenges of implementing large-scale interoperability projects and implementing core data models in the health care sector.



Peter BURIAN

European Commission, DG Informatics, Interoperability Solutions for European Public Administrations

Peter Burian is a Project Manager at the Interoperability Solutions for European Public Administrations (ISA) unit within DG DIGIT at the European Commission. For the past four years he has led several projects dealing with various aspects of interoperability, including base registries, catalogue of services, architecture and strategy. He is also the European Commission representative on the Enterprise Architecture Board of the European Medicines Agency. Before being employed at the European Commission, he worked at IBM.



Miguel ALVAREZ-RODRIGUEZ

European Commission, DG Informatics, Interoperability Solutions for European Public Administrations

Miguel Alvarez-Rodriguez has been a programme manager in the Interoperability Solutions for European Public Administrations unit at the European Commission since 2012. He is responsible for several actions related to implementing interoperable solutions for public services, particularly in the areas of electronic identification and signatures, access to Base Registries, Catalogue of public Services and eDOC. From 2006 to 2012, he worked as a Senior Official on e-Government and Information Technologies (IT) at the Ministry of Finance and Public Administration in Spain. He was the project manager of the national Validation Platform for e-Signature and qualified certificates (@firma) and Spain's representative at STORK Consortium for the Large-Scale Pilot on electronic identification. He was the leader of the work package that dealt with the definition of common specifications for the interoperability on e-ID, and also co-chairman of the Consortium for one year. He holds an Engineering degree in Telecommunications and a Masters in Business Administration.



Marjukka ALA-HARJA

Ministry of Finance – Finland

Marjukka Ala-Harja works as a development manager in the Ministry of Finance, in the Public Sector ICT Unit, which steers the development of ICT management in both central and local government. At the moment Ms Ala-Harja is responsible for steering the Service View Project in the National Architecture for Digital Services Programme (2014–2017), which is building a compatible national infrastructure facilitating information transfer between organisations and services. The programme involves creating a national data exchange layer, the shared service views required by citizens, companies and authorities, a new national e-identification model and national solutions for the administration of roles and authorisations for organisations and individuals.



Janek ROZOV

Ministry of Economic Affairs and Communications – Estonia

Janek Rozov is head of the Department of Information Society Services Development within the Ministry of Economic Affairs and Communications. The department was established on 1 June 2011. The main objective is to assist public sector organisations in their service quality measurement, improvement and cost calculation. The department is leading the standardisation of the delivery of public services and ensuring the development of customer-centric physical and virtual environments based on available IT solutions. They have recently published the Green Book on Management of Public Services, which covers the main challenges of delivering public services and provides a set of proven solutions. The models described in the Green Book have already been successfully applied to several projects. This knowledge package describes these models and shows how the public sector and potentially the private sector can use this experience when designing and improving their services.



Tom BOOTH

Government Digital Services (GDS) – United Kingdom

Tom is currently the Technical Lead for GOV.UK Performance, trying to help government manage and improve its services using data. Prior to joining government he spent many years in finance, gaining understanding of how data can be analysed and presented to provide aid to fast-paced decision-making.

'A designer knows he has achieved perfection not when there is nothing left to add, but when there is nothing left to take away.'

Antoine de Saint-Exupery



Contact

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Get Involved



Support by the ISA programme

This conference is supported by ISA, the European Commission's programme for interoperability solutions for European public administrations.

Why ISA?

Administrative procedures have the reputation of being lengthy, time-consuming and costly. Electronic collaboration between public administrations can make these procedures quicker, simpler and cheaper for all parties concerned, in particular when transactions need to be carried out cross-border and/or cross-sector. ISA supports this type of electronic collaboration. With more than 40 actions it provides tools, services and frameworks for the modernisation of public administrations in Europe, across e-borders and sectors.

More on the programme:

<http://ec.europa.eu/isa/>

More on the SEMIC action:

http://ec.europa.eu/isa/actions/01-trusted-information-exchange/1-1action_en.htm



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