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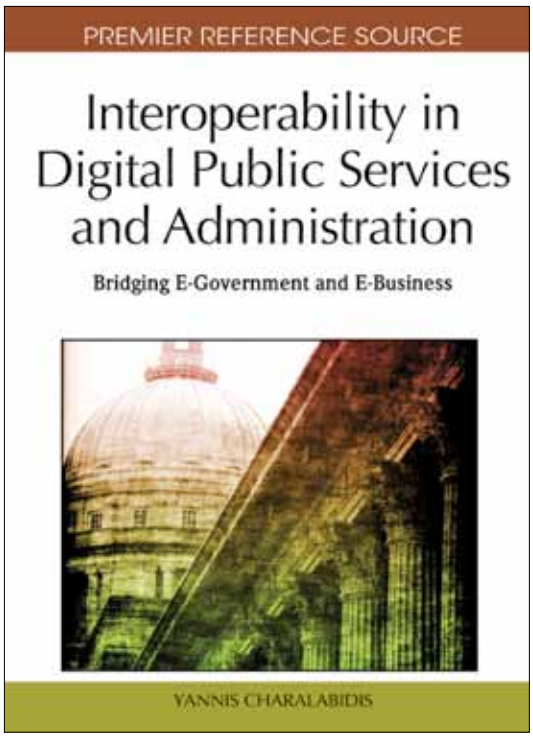
Released: July 2010

Interoperability in Digital Public Services and Administration: Bridging E-Government and E-Business



ISBN: 9781615208876; © 2011; 456 pp.
Print: US $180.00 | Perpetual: US $255.00 | Print + Perpetual: US $360.00

Yannis Charalabidis (National Technical University of Athens, Greece)

During the last decade, interoperability has emerged as a vivid research area in electronic business and electronic governance, promising a significant increase in productivity and efficiency of information systems, enterprises and administrations.

Interoperability in Digital Public Services and Administration: Bridging E-Government and E-Business provides the latest research findings such as theoretical foundations, principles, methodologies, architectures, technical frameworks, international policy, standardization and case studies for the achievement of interoperability within the provision of digital services, from administration and businesses toward the user citizens and enterprises.

Topics Covered:

- Challenges of implementing e-government interoperability
- National interoperability frameworks
- Finding and sharing e-government resources
- Interoperability requirements, recommendations and standards in e-participation
- Model-driven development
- Interoperability for agile cross-organizational collaborations
- Interoperability for social services information management
- Scientific foundation for interoperability
- Knowledge interoperability
- Benefit of interoperability

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Yannis Charalabidis is Assistant Professor in the University of Aegean, in the area of eGovernment Information Systems, while also heading eGovernment & eBusiness Research in the Decision Support Systems Laboratory of National Technical University of Athens (NTUA), planning and coordinating high-level policy making, research and pilot application projects for governments and enterprises worldwide. A computer engineer with a PhD in complex information systems, he has been employed for 8 years as an executive director in Singular IT Group, leading software development, corporate strategy and company expansion in Eastern Europe. He writes and teaches on eGovernment Information Systems, Interoperability and Standardization, eParticipation and Government Transformation in NTUA and the University of Aegean, in Samos.

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