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ISSE 2004 – Securing Electronic Business Processes

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Highlights of the Information Security Solutions Europe 2004 Conference

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Preface

The Information Security Solutions Europe Conference (ISSE) was started in 1999 by EEMA and TeleTrusT with the support of the European Commission and the German Federal Ministry of Technology and Economics. Today the annual conference is a fixed event in every IT security professional's calendar. The aim of ISSE is to support the development of a European information security culture and especially a cross-border framework for trustworthy IT applications for citizens, industry and administration. Therefore, it is important to take into consideration both international developments and European regulations and to allow for the interdisciplinary character of the information security field. In the five years of its existence ISSE has thus helped shape the profile of this specialist area.

The integration of security in IT applications was initially driven only by the actual security issues considered important by experts in the field; currently, however, the economic aspects of the corresponding solutions are the most important factor in deciding their success. ISSE offers a suitable podium for the discussion of the relationship between these considerations and for the presentation of the practical implementation of concepts with their technical, organisational and economic parameters.

An international programme committee is responsible for the selection of the conference contributions and the composition of the programme:

- Jan Bartelen, ABN AMRO (The Netherlands)
- Ronny Bjones, Microsoft (Belgium)
- Alfred Buellesbach, DaimlerChrysler (Germany)
- Lucas Cardholm, Ernst&Young (Sweden)
- Roger Dean, EEMA (UK)
- Marijke De Soete (Belgium)
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- John Hermans, KPMG (The Netherlands)
- Frank Jorissen, Silicomp Belgium (United Kingdom)
- Jeremy Hilton, EEMA (United Kingdom)
- Matt Landrock, Cryptomathic (Denmark)
- Karel Neuwirt, The Office for Personal Data Protection (Czech Republic)
- Sachar Paulus, SAP (Germany)
- Norbert Pohlmann, TeleTrusT (Germany)
- Reinhard Posch, TU Graz, (Austria)
- Bart Preneel, KU Leuven (Belgium)
- Helmut Reimer, TeleTrusT (Germany)
- Paolo Rossini, TELSY, Telecom Italia Group (Italy)
- Ulrich Sandl, BMWA (Germany)
- Wolfgang Schneider, GMD (Germany)
- Robert Temple, BT (United Kingdom)

Many of the presentations at the conference are of use as reference material for the future, hence this publication. The contributions are based on the presentations of the authors and thus not only document the key issues of the conference but make this information accessible for further interested parties.

The editors have endeavoured to allocate the contributions in these proceedings – which differ from the structure of the conference programme – to topic areas which cover the interests of the readers.

Sachar Paulus *Norbert Pohlmann* *Helmut Reimer*

EEMA (www.eema.org):

For 16 years, EEMA has been Europe's leading independent, non-profit e-Business association, working with its European members, governmental bodies, standards organisations and e-Business initiatives throughout Europe to further e-Business technology and legislation.

EEMA's remit is to educate and inform around 200 Member organisations on the latest developments and technologies, at the same time enabling Members of the association to compare views and ideas. The work produced by the association with its Members (projects, papers, seminars, tutorials and re-ports etc) is funded by both membership subscriptions and revenue generated through fee-paying events. All of the information generated by EEMA and its Members is available to other members free of charge.

Examples of papers produced in recent months are:- Role Based Access Control – a User's Guide, Wireless Deployment Guidelines, Secure e-Mail within the Organisation, The impact of XML on existing Business Processes, PKI Usage within User Organisations. EEMA Members, based on a requirement from the rest of the Membership, contributed all of these papers. Some are the result of many months' work, and form part of a larger project on the subject.

TeleTrusT (www.teletrust.de):

TeleTrusT was founded in 1989 to promote the security of information and communication technology in an open systems environment.

The non-profit organization was constituted with the aim of:

- achieving acceptance of the digital signature as an instrument conferring legal validity on electronic transactions;
- supporting research into methods of safeguarding electronic data interchange (EDI), application of its results, and development of standards in this field;
- collaborating with institutes and organizations in other countries with the aim of harmonizing objectives and standards within the European Union.

TeleTrusT supports the incorporation of trusted services in planned or existing IT applications of public administration, organisations and industry. Special attention is being paid to secure services and their management for trustworthy electronic communication.

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