Preface

ENISA is proud to be working with eema, TeleTrusT, ISCOM (the Italian Institute for Communications and Information Technologies) and the German Federal Ministry of the Interior as well as the German Federal Office for Information Security for this year's 8th annual Information Security Solutions Europe Conference.

The aim of ISSE has always been to support the development of a European information security culture. ENISA is committed to this goal, in our work to assist and advise the European Commission, Member States as well as business community on network, information security and legislative requirements and we are delighted to support ISSE again this year.

The security of communication networks and information systems is of increasing concern. In order to face today's complex information security challenges it is clear that working collaboratively with one another is the key to generating new strategies to address these problems. It has been an exciting opportunity to facilitate this collaboration at ISSE 2006, and pull together the wealth of industry knowledge, information and research that we hold in Europe, and across the globe.

The success of this event in generating ideas and frank, lively debate around the complex topic of IT security is due also to the independent, varied nature of the programme, which was selected by world-wide industry specialists.

Some of the key topics explored at this year's conference have been chosen as the basis for this book, which is an invaluable reference point for anyone involved in the IT security industry.

We hope that you will find it a thought-provoking and informative read.

Andrea Pirotti, Executive Director, ENISA

About this Book

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 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.

From the beginning ISSE has been carefully prepared. The organisers succeeded in giving the conference a profile that combines a scientifically sophisticated and interdisciplinary discussion of IT security solutions while presenting pragmatic approaches for overcoming current IT security problems.

An enduring documentation of the presentations given at the conference which is available to every interested person thus became important. This year sees the publication of the third ISSE book – another mark of the event's success – and with about 50 carefully edited papers it bears witness to the quality of the conference.

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

- **Ronny Bjones,** Microsoft (Belgium)
- **Alfred Büllesbach,** Daimler Chrysler (Germany)
- **Lucas Cardholm,** Ernst&Young (Sweden)
- **Roger Dean,** eema (UK)
- **Marijke De Soete,** Security4Biz (Belgium)
- **Jos Dumortier,** KU Leuven (Belgium)
- **Walter Fumy,** Siemens (Germany)
- **Boaz Gelbord,** ENISA (Greece)
- **David Goodman,** eema (UK)
- **Michael Hange,** Federal Office for Information Security (Germany)
- **John Hermans,** KPMG (Netherlands)
- **Jeremy Hilton,** Cardiff University (UK)
- **Alison James,** eema (UK)
- **Frank Jorissen,** SafeBoot (Belgium)
- **Matt Landrock,** Cryptomathic (Denmark)
- **Tim Mertens,** ENISA (Greece)
- **Andreas Mitrakas,** ENISA (Greece)
- **David Naccache,** ENS (France)
- **Sachar Paulus,** SAP (Germany)

- **Daniele Perucchini,** Fondazione Ugo Bordoni (Italy)
- **Attila Péterfalvi,** Parliamentary Commissioner for Data Protection and Freedom of Information (Hungary)
- **Norbert Pohlmann,** University of Applied Sciences Gelsenkirchen (Germany)
- **Bart Preneel,** KU Leuven (Belgium)
- **Helmut Reimer,** TeleTrusT (Germany)
- **Paolo Rossini,** Telsy Italia (Italy)
- **Wolfgang Schneider,** Fraunhofer SIT (Germany)
- **Robert Temple,** BT (UK)

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):	**TeleTrusT (www.teletrust.de):**
Established in 1987, eema is an independent association of IT professionals, businesses and governments providing business and technical networking opportunities at both local and regional levels in the broad areas associated with digital identity and its applications, such as security. Our mission is to stimulate the growth and effectiveness of our members' business in these areas through increased market awareness, cooperation and opportunity creation.	In the 16 years of its existence TeleTrusT has evolved into a competence network for applied Cryptography and Biometrics with over 90 institutional members.
We aim to bring over 1,500 member representatives together in a neutral environment for education and networking puposes. We enable members to share experiences and best practice by holding meetings and conferences, by facilitating working groups who produce reports on topical subjects, and by helping members to connect with the right person to help them solve business issues or develop beneficial business relationships. All work produced by members is available free to other members, and previous papers include: Towards Understanding Identity, Role Based Access Control – a Users Guide, Secure e-mail within a Corporate Environment and Secure e-mail between Organisations.	The TeleTrusT working groups produce results which create an advantageous framework for trustworthy solutions of daily business processes as well as contributing to their acceptance.
	TeleTrusT brings together the interests of users and vendors. Thus vendors can satisfy the users' demands more effectively with marketable products and services, in which scalable security mechanisms are implemented.
	TeleTrusT seeks and cultivates the cooperation with other organisations with similar objectives – in Germany and internationally. Thus ISSE has been organised in cooperation with EEMA, ENISA and ISCOM in Rome this year.
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