

Symposium on Privacy and Security

Wednesday/Thursday, 30–31 October 2002
Kongresshaus Zurich, Switzerland

- Guaranteed return on investment for IT security projects
- Privacy: the basis for living an independent life
- Legal opportunities and limits of data use
- The new challenges for privacy and security

www.privacy-security.ch

The symposium is made possible by

ETH

Eidgenössische Technische Hochschule Zürich
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«Privacy and security are key themes in the development of the information and communication society.»

- Federal Councilor Samuel Schmid**, Member of the Swiss Government, Head of the Swiss Federal Department of Defence, Civil Protection and Sports, Berne, Switzerland
Dr Markus Notter, Member of the Government of the Canton of Zurich, Head of the Ministry of Justice and of the Interior of the Canton of Zurich, Zurich, Switzerland
Prof Olaf Kübler, President of the Swiss Federal Institute of Technology Zurich, Zurich, Switzerland
Prof Peter Forstmoser, University of Zurich, Chairman of the Board of Directors of Swiss Re, Zurich, Switzerland

Wednesday, 30 October 2002

Wednesday/Thursday, 30–31 October 2002

SPS Executive

By invitation only.

«SPS Executive» is intended for decision-makers from business, academia, administration and politics, especially for CxO, directors, executives, secretaries-general.

SPS Best Practices

| Track A | Track B |
|---|---------|
| <p>Update on the most pressing issues of privacy and information security</p> <p>«SPS Best Practices» is aimed at executives, project managers and specialist personnel in the areas of technology, law, risk management, HR, consulting, and people involved in IT and data protection, as well as those from other areas in business and administration.</p> | |

SPS Privacy&Security

Plenum

Information privacy and security: future developments and challenges

«SPS Privacy&Security» is aimed at executives, project managers and specialist personnel in the areas of technology, law, risk management, HR, consulting, and people involved in IT and data protection, as well as for all people from business, academia, administration, and politics, interested in privacy and security.

Wednesday/ Thursday, 30–31 October 2002

SPS Solutions

Accompanying exhibition with a series of lectures presented by the exhibitors.

Update on the most pressing issues of privacy and information security

«SPS Best Practices» is aimed at executives, project managers and specialist personnel in the areas of technology, law, risk management, HR, consulting, and people involved in IT and data protection, as well as those from other areas in business and administration.

In German with simultaneous interpretation into English

From 08.30 Registration, coffee, visit to «SPS Solutions» exhibition

09.30 **The ethical dimension of privacy and security**
Augustinus Heinrich Count Henckel von Donnersmarck, Priest, Ethicien and Management Consultant
 Privacy and security are key issues for today's information and communication society. The question of freedom of the individual and security is being re-examined against the background of today's latest technology and in view of the ever-growing challenges these are presenting to our society and system of ethics.

10.15 Coffee, visit to «SPS Solutions» exhibition

Going on with Track A and Track B.

Participants can freely choose between Track A and Track B. Switching from one track to the other is possible during the coffee breaks.

The symposium is made possible by



Additional informations: www.privacy-security.ch

Track A

Track A of «SPS Best Practices» focuses on issues of privacy and information security in a technological and economic context.

Conference language: German or English, simultaneous interpretation provided from German into English and vice versa.

10.45 Assessing IT security

Return on investment of IT security projects

PD Dr Hannes P. Lubich, *ETH Zurich, Chief Security Officer Julius Baer Group, Zurich*

IT security is often seen by management in the same way as an insurance premium, ie as a necessary, albeit unwelcome, expense. They do not normally recognise, let alone act on, the potential and competitive advantage that can be gained through effective risk management. This is due in no small measure to the lack of quantitative models and scope for benchmarking. Does IT security really cost too much?

11.30 IT-supported business processes: risk assessment

Martin B. Frey, *Diploma in Engineering ETH, Engineering Underwriting Management, Swiss Re*, and **Dr Stephan M. Müller**, *Engineering Underwriter, Swiss Re*

The risks involved in IT-supported business processes cannot be seen from the classical material damage perspective. How do insurers assess the risk of business interruption caused by IT as there are hardly any official statistical data on the subject? How is information on security measures condensed into quality factors?

12.15 Buffet lunch and visit to the «SPS Solutions» exhibition.

Buffet lunch offered by



Greater Zurich Area

13.30 Secure technology for trustworthy computing

Security for the era of trustworthy computing

Steve Lipner, *Director of Security Assurance, Microsoft Corporation, Redmond WA, USA*

One of the fundamental tenets of Trustworthy Computing is that computer systems must be secure: able to protect the confidentiality, integrity, and availability of users' information as well as the integrity and availability of the systems themselves. How can this level of security be achieved? To what extent must users sacrifice features and usability for security? And how can suppliers actually demonstrate the degree to which they have delivered secure systems?

14.15 Security in mobile systems

Dr Wolfgang Seiler, *Chief Technology Officer, Allianz Suisse, Zurich*

Practically all companies and administration networks now need mobile systems such as notebooks and PDAs. Access to company data should be possible from anywhere at any time. What are the main threats to security? What measures can be employed to make these mobile systems as secure as possible? What are the implications of wireless technology?

15.00 Coffee break, visit to the «SPS Solutions» exhibition.

15.30 Data use in a corporate context

Data use: legal opportunities and limits

Dr Alexander Dix, *Officer for data protection and for the right to inspect files, State of Brandenburg, Kleinmachnow, Germany*

Companies want to use data on clients, interrelated data etc for the most varied purposes. The EU created the main regulatory environment in this context for the international community. Where are the legal borders of customer relationship management systems? To what extent can interrelated data and other accumulated data be used? When can customer data be made available to state agencies?

16.15 New challenge: ubiquitous computing

Privacy in the age of ubiquitous computing

Prof Friedemann Mattern, *Swiss Federal Institute of Technology (ETH) Zurich, Zurich*

Microelectronic devices – processors, sensors, and wireless communication modules – are becoming so small and almost invisible that it will soon be possible to embed them in many everyday objects. What are the technological prospects of this situation? And what are the possible consequences with respect to personal privacy?

17.00 Cocktails and refreshments

«SPS Best Practices» is supported by



The symposium is made possible by



Swiss Re




Additional informations: www.privacy-security.ch

Track B

Track B of «SPS Best Practices» focuses on issues of privacy and information security, particularly in an organisational and legal context.

Conference language: German

| | |
|-------|---|
| 10.45 | E-government |
| | <p>E-government - seen from the other side of the fence <i>Franz-Reinhard Habel, Speaker of German Towns and Municipalities Federation, Berlin, Germany</i> E-government means more than offering forms to download from the Internet. What do people expect from e-government? What developments in the cultural and structural fields must governments face up to which involve e-government?</p> |
| 11.30 | <p>E-government - trust through technology design <i>Dr Bruno Baeriswyl, Data Protection Officer, Canton of Zurich, Zurich</i> The success of e-government solutions, as well as of e-commerce solutions, depend on the user's confidence in the new information and communication technologies. The key criterion is how personal data is handled. Legal provisions for data protection and security are not very specific. How can a project which can offer the necessary protection to gain users' confidence be completed these days? What requirements have to be fulfilled? How should they be implemented?</p> |
| 12.15 | <p>Buffet lunch and visit to the «SPS Solutions» exhibition. Buffet lunch offered by  Greater Zurich Area</p> |
| 13.30 | Digital signature and PKI |
| | <p>Security through interaction - prospects for electronic signatures <i>Dr Johann Bizer, Frankfurt am Main University, editor of DuD, Frankfurt am Main, Germany</i> EU law and national legislation provide the legal regulatory environment for electronic signatures; however, there is still little demand for signatures that are legally valid. Why? The architecture of the Internet offers an economic alternative for broad sections of e-commerce and e-administration: security through interaction.</p> |
| 14.15 | <p>PKI: critical success factors for implementation in a corporate environment <i>Peter Schlosser, senior security consultant, Softlab AG, Zurich</i> It is imperative to resolve the interdependencies between technology and organisation to achieve the successful implementation of a public key infrastructure (PKI) in a company. How should the processes be structured to optimise their compatibility with the company's requirements? What can be learned from experience regarding the personalisation, administration, monitoring and archiving of certificates?</p> |
| 15.00 | Coffee break, visit to the «SPS Solutions» exhibition. |
| 15.30 | Developments and new approaches in data protection |
| | <p>Networked data: risks and solutions <i>David Rosenthal, counsel for IT and telecommunications, Homburger, Zurich, and lecturer at the University of Basel</i> Companies and authorities are increasingly networking their data stocks. Technology standards such as XML, methods of data processing such as outsourcing and concepts like e-government accentuate the problem of networking. Where should the boundaries lie? Where are pragmatic solutions to be found? And how can legal requirements be fulfilled through technological, organisational and other means?</p> |
| 16.15 | <p>Quality label: new approach in data protection <i>Dr Helmut Bäuml, Head of the Independent Centre for Privacy Protection, Schleswig-Holstein, Kiel, Germany</i> First experiences with quality labels in Germany show that they can act as an incentive for a company or administrative agency to implement data protection measures effectively. What role can quality labels take in practice? What conditions have to be met? Which criteria have to be observed on an international level? Who needs a quality label?</p> |
| 17.00 | Cocktails and refreshments |

«SPS Best Practices» is supported by  **softlab**
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 BMW Group Company

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Additional informations: www.privacy-security.ch

Plenum

Information privacy and security: future developments and challenges

«SPS Privacy&Security» is aimed at executives, project managers and specialist personnel in the areas of technology, law, risk management, HR, consulting, and people involved in IT and data protection, as well as for all people from business, academia, administration, and politics, interested in privacy and security.

Conference Language: German or English, simultaneous interpretation provided from German into English and vice versa.

| | | |
|------------|--|---|
| From 08.30 | Registration, coffee, visit to «SPS Solutions» exhibition. | |
| 09.15 | Opening <i>Dr Markus Notter</i> , Member of the Government of the Canton of Zurich, Head of the Ministry of Justice and of the Interior of the Canton of Zurich, Switzerland <i>Prof Peter Forstmoser</i> , University of Zurich, Chairman of the Board of Directors of Swiss Re, Zurich, Switzerland | |
| 09.45 | The value of privacy <i>Prof Beate Rössler</i> , Professor of Philosophy, University of Amsterdam, Netherlands The right to privacy is a basic principle of our liberal social and economic order. Informational self-determination - the right to privacy - is not just a matter of private concern; it is also significant on a societal level. How important is the right to privacy in today's information and communication society? What are the consequences for the development of our society? | |
| 10.30 | Coffee break, visit to the «SPS Solutions» exhibition. | |
| 11.00 | The US Privacy Debate Before and After 9-11 <i>Prof Paul M. Schwartz</i> , Brooklyn Law School, New York, USA The safe harbor principles were a common european and american approach to protect privacy in the global world. Is safe harbor a failure or success? How did the US privacy debate evolve after September 11? What can the Europeans expect from the developments in the US? Which are likely to be the main issues concerning privacy and security in the near future? | |
| 11.45 | Digital identity: opportunities and risks <i>Dr Beat Rudin</i> , Managing Director of the Symposium on Privacy and Security, Basle It is possible that, in the future, people's identities will become digitised. Data tracks may be used to identify individuals digitally - without, or even against, their will. Would having several identities protect their privacy? And how many identities can an individual's communicative environment (state, economy) cope with? | |
| 12.30 | Buffet lunch and visit to the «SPS Solutions» exhibition. | Buffet lunch offered by  Greater Zurich Area |
| 13.45 | Fixing Network Security by Hacking the Business Climate <i>Bruce Schneier</i> , Founder and Chief Technical Officer, Counterpane Internet Security Inc., Cupertino CA, USA Network security has long been considered an engineering problem, and companies try to solve it by applying technologies. This approach is failing; the technologies are failing and the problem is worsening. What we need are security processes, such as detection, response, and deterrence. However, the only way to get corporate management to adequately address security is to change the risk-management equation. | |
| 14.30 | Security in the grander order of things <i>Prof Bertrand Meyer</i> , Professor of Software Engineering, Swiss Federal Institute of Technology (ETH) Zurich, Zurich Security is just one of a long list of desirable software quality factors. How can advances in software engineering contribute to progress in security? How do security concerns fit in the overall scheme of software engineering R&D? Can security concerns, in return, influence future work on software engineering? | |
| 15.15 | Coffee break, visit to exhibition «SPS Solutions» | |
| 15.45 | The principle of transparency in the private sector <i>PD Dr Herbert Burkert</i> , University of St Gallen, St Gallen, and Fraunhofer Institute for Media Communication, St Augustin, Germany The trend towards transparency is increasingly coming to the fore; the application of the principle of disclosure by administrative authorities is irreversible. However, the demand for transparency is set to become more extensive. What does the future hold for transparency in the private sector? | |
| 16.30 | Cocktails and refreshments | |

The symposium is made possible by



Additional informations: www.privacy-security.ch

Program status as of 15 July 2002

By invitation only

Security – the CEO's responsibility

«SPS Executive» is intended for decision-makers from business, academia, administration and politics, especially for CxO, directors, executives, secretaries-general.

The corporate world is under serious attack not only by hackers but increasingly by outright criminal elements who can do damage to the business environment on a scale unimaginable up to now. In these times, no one responsible for the well-being of a business of any size should be solely left to the mercy of experts. It is vital to being able to understand and judge the most pressing corporate information security issues. Therefore this topic should be at the top of the business agenda of every Chief Executive Officer. «SPS Executive» is a specially tailored program for highest level executives. World leading experts will provide an overview of today's top security issues and the security frameworks which have to be put in place to withstand the most threatening attacks.

Conference language: English

14.30 Registration, welcome drinks

15.00 **Opening**

Corporate IT under attack – the new threatening challenges for business

Professor Klaus Brunnstein, University of Hamburg, Germany

Attacks on IT systems are getting more subtle all the time, not least of all because of the combination of methods being used. The profile of the attacker is changing from the conventional hacker to the outright criminal intent on exploiting security short-falls with regard to sensitive data stored in companies and administrative offices. Are we in a position to adopt the necessary counter-measures in good time – Secure Net instead of Internet, Safe Computing instead of Personal Computing – or are we simply going to wait for the crash to happen?

15.45 Coffee break

16.15 **No security, no business**

Caspar Bowden, Senior Privacy and Security Officer EMEA, Microsoft Corporation

Today, as business environments become increasingly networked and information-based, security of information is of the utmost importance. Without a framework of tailored security measures in place, every business is at risk. What can be done and, most of all, what has to be done? A vision of securing business by securing information technology.

16.45 **Panel: Security – the CEO's responsibility**

Moderator:

Dr Peter F. Weibel, CEO PricewaterhouseCoopers AG, Zurich, Switzerland

Panelists:

Prof Klaus Brunnstein, University of Hamburg, Germany

Caspar Bowden, Senior Privacy and Security Officer EMEA, Microsoft Corporation

Prof Ueli Maurer, Swiss Federal Institut of Technology (ETH) Zurich, Zurich, Switzerland

Dr Bruno Porro, Chief Risk Officer, Swiss Re, Zurich, Switzerland

Bruce Schneier, Founder and Chief Technical Officer, Counterpane Internet Security Inc., Cupertino CA, USA

17.30 Cocktails and refreshments

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ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

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Zusätzliche Informationen: www.privacy-security.ch
English language version: www.privacy-security.ch

«The Symposium on Privacy and Security is intended to offer the fields of science, business, administration and politics an international platform for the discussion of the key themes of privacy and security.»

Dr Bruno Baeriswyl

President of the foundation council, privacy commissioner for the Canton of Zurich, editor of the magazine *digma*, Zurich, Switzerland

Prof Ueli Maurer

Member of the foundation council, professor of computer science and head of the Information Security and Cryptography Research Group, Swiss Federal Institute of Technology (ETH) Zurich, Zurich, Switzerland

Dr Beat Rudin

Member of the foundation council, managing director of the Symposium on Privacy and Security, editor of the magazine *digma*, Basle, Switzerland

 **Advisory Board**

«We support the foundation so that in future the most contemporary and relevant topics for society and the economy can be taken up and addressed in depth by first-class speakers.»

Dr Pierre Brun, PricewaterhouseCoopers AG, Partner, Zurich, Switzerland

Prof Alfred Büllsbach, DaimlerChrysler AG, Chief Officer Corporate Data Protection, Stuttgart, Germany

Martin Fricker, Swiss Re, Group IT Security Officer, Zurich, Switzerland

Prof Hansjürgen Garstka, Data Protection Officer for the State of Berlin, Germany

Dr Hannes P. Lubich, Julius Baer Group, Chief Security Officer, Zurich, Switzerland

Dr Armgard von Reden, IBM, Chief Privacy Officer for IBM Europe Middle East Africa, Berlin, Germany

Alexander Stüger, Microsoft AG, General Manager, Wallisellen, Switzerland

Walter Widmer, UBS AG, Head of IT Security CH, Zurich, Switzerland

 **Organisation****Date**

Wednesday, 30 October 2002/Thursday, 31 October 2002

Venue

Kongresshaus Zurich, Gotthardstrasse 5, 8002 Zurich, Switzerland, main entrance «K», www.kongresshaus.ch

Costs

- Symposium on Privacy and Security, consisting of «SPS Best Practices» (Track A/B) and «SPS Privacy&Security», 30-31 October 2002
CHF 980.00 (incl. VAT)
- Single events
 - «SPS Best Practices» (Track A/B), 30 October, 2002
CHF 590.00 (incl. VAT)
 - «SPS Privacy&Security», 31 October, 2002
CHF 590.00 (incl. VAT)

Prices include entry to the respective event, entry to the accompanying exhibition «SPS Solutions», conference documentation, refreshments, lunch buffet

The «SPS Best Practices» ticket includes entry to all the events in Track A and Track B.

Discount (cannot be combined)

- 10% Participants in the 2001 symposium
- 10% Early booking (registrations received before 1 September 2002)

Registration

Deadline: 16 October 2002

Online-Registration: www.privacy-security.ch

or with the attached registration form.

An invoice will be mailed to participants following receipt of the registration form.

The number of places is limited. Registrations will be processed in the order they are received.

Arrival

Parking around the conference centre is very limited. However, the venue is well served by public transport:

- Take the no. 11 tram from Zurich main station to Bürkliplatz. Follow the signs to the Kongresshaus.
- Arriving by plane:
From Zurich Airport: take the train to the main station (travel time approx. 8 minutes)

Hotels

Hotel reservations via Zurich tourism:
www.zurichtourism.ch, e-mail hotel@zurichtourism.ch,
tel. +41 (0)1 215 40 40, fax +41 (0)1 215 40 44

Information

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tel +41 (0)61 270 1770, fax +41 (0)61 270 1771
symposium@privacy-security.ch, www.privacy-security.ch

Accompanying exhibition with a series of lectures presented by the exhibitors.

The Symposium on Privacy and Security offers leading companies the possibility to present their products and services during the whole venue in an integrated accompanying exhibition and lectures.

The updated programme of «SPS Solutions»-presentations and the entire list of exhibitors is listed from mid September on under

www.privacy-security.ch

Organisation of «SPS Solutions» additional information and registration:



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The symposium is made possible by



Additional informations: www.privacy-security.ch

SPS Registration

I wish to attend the Symposium on Privacy and Security on 30-31 October 2002.

Mrs Mr

Surname

First name

Academic title

Company, organisation

Position

Address

City, post code

Country

E-mail

Business tel.

Business fax

Date

Signature

Symposium on Privacy and Security

- Entire Symposium, consisting of
«SPS Best Practices» (Track A/B) & «SPS Privacy&Security»
October 30-31 2002
CHF 980.00 (incl. VAT)

Single events

- «SPS Best Practices» (Track A/B), October 30 2002
CHF 590.00 (incl. VAT)
- «SPS Privacy and Security», October 31 2002
CHF 590.00 (incl. VAT)

Discount

- I attended the Symposium on Privacy and Security in 2001

Online-Registration: www.privacy-security.ch

Or send this form to:

Symposium on Privacy and Security
c/o Foundation for Privacy and Information Security
Kirschgartenstrasse 7, P.O. Box
CH-4010 Basel
Switzerland

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Deadline: 16 October 2002