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2<sup>nd</sup> edition **World e-ID**   
conference & demos 2005

# Building Worldwide Personal ID With New Services And Protection

September 21, 22 & 23 - Sophia Antipolis - French Riviera

## Program

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# Welcome to World e-ID 2005

## e-Forum and Strategies Telecoms & Multimedia

are proud to announce the 2<sup>nd</sup> "World e-ID" conference which takes place 21-23 September 2005 at Sophia Antipolis on the French Riviera. This conference is designed to meet and exceed your professional expectations.

For your benefit, the conference chairman Jan van Arkel together with the other members of the Scientific Committee, have brought together world renowned experts and knowledgeable practitioners of the domain to present, review and clarify the main issues required for sustainable trusted electronic identities at a real global level.

The conference has 5 streams:

- Stream 1. World and Regional Strategies and Trends
- Stream 2. National Implementations and Business Models
- Stream 3. Applications and e-Passports
- Stream 4. Biometrics
- Stream 5. Architectures and Standardisation

By participating in this conference, you will have the unique opportunity to engage in fruitful exchanges and share visions with the speakers and other experts from public administrations, business and technology.

*Jan van Arkel, eEurope Smart Card Charter,  
Conference Chairman*

## World e-ID at a glance

	Morning	Afternoon
<b>DAY 1</b> Sept. 21	World & Regional Strategies (1)	Opening Session World & Regional Strategies (2) Common transversal debate "Emergence of Systems Integrators in SC and e-ID"
<b>DAY 2</b> Sept. 22	Applications & e-Passports (1) National Implementations & Business Models (1)	Applications & e-Passports (2) National Implementations & Business Models (2)
<b>DAY 3</b> Sept. 23	Biometrics Architectures & Standardisation	

## International Scientific Committee

- **Jan van Arkel, eEurope Smart Card Charter (Chairman)**
- Baudouin de Sonis, e-Forum Association
- Jim Dray, NIST, US Department of Commerce
- Christian Goire, Java Card Forum
- Marc Kekicheff, GlobalPlatform
- Prof. Herbert Kubicek, Bremen on Line
- Charles Lowe, Electronic Government Consultant
- Prof. Nagaaki Ohyama, Tokyo Institute of Technology
- Vincent Paliczka, National Smart Card Project Board (England)
- Prof. Pierre Paradinas, CNAM
- Frank Robben, Belpic
- Andrew Robinson, e-Justice Project Coordinator
- Bruno Rouchouze, Gemplus
- Yu Rui, N°1 Research Institute, Chinese Ministry of Public Security
- Helmut Scherzer, IBM Germany
- Max Snijder, Biometric Expertise Group
- Jean-Paul Thomasson, Eurosmart
- Shaun Topham, Sheffield City Council

consult regularly  
the "World e-ID" website  
for updated program  
[www.strategiestm.com/conferences/we-id/05](http://www.strategiestm.com/conferences/we-id/05)

# DAY 1

Wednesday Sept. 21<sup>st</sup>

10.30am - 12.30am

**stream 1** WORLD & REGIONAL STRATEGIES AND TRENDS - Part. 1  
"Strategies & Trends"

01.00pm - 02.00pm

Lunch

02.00pm - 02.20pm

**Plenary** OPENING SESSION

02.20pm - 05.00pm

**stream 1** WORLD & REGIONAL STRATEGIES AND TRENDS - Part. 2  
"Regional Status & International Cooperation"

05.00pm - 05.30pm

Coffee tea-break

05.30pm - 06.45pm

**Common transversal debate "e-Smart" and "World e-ID" conferences:**  
"The Emergence of Systems Integrators in SC and e-ID"

### Stream 1

## WORLD & REGIONAL STRATEGIES AND TRENDS

This session details regional (EU, US, Japan, China, SE Asia) and EU national deployment activities, cooperative models, strategies and the results of an in-depth inventory prepared for the EC. It addresses the search for how we migrate from the current environment to a world where every European citizen has an electronic ID facility that can be used throughout Europe, including the new member states, and beyond.

Part. 1 Strategies & Trends

### National Chip Cards Strategies: the political course is set and the countdown has begun

*Detlef Houdeau, Senior Director BU Development Market Segment Identification, Rainer Bergmann – Infineon Technologies*

Speaker: Detlef Houdeau

### Electronic Identification in the EU: Assessing Member State Developments

*Ioannis Maghiros, Senior Research Officer - European Commission DG Joint Research Centre IPTS*

*Dr John Elliott, Principal Consultant - Hyperion Consult*

Speaker: Paul Smith, Consultant – Hyperion Consult

### The key to ID cards: ID cards usages, not identity usages

*Etienne Combet, President - e-Forum*



*Etienne Combet*



*Olivier Piou*



*Jim Dray*



*Paul Smith*

### TRANSVERSAL COMMON PANEL

#### "The Emergence of Integrators in SC and e-ID"

*animated by Yvon Avenel, Editor & Publisher - SmartCards Trends.*

The debate will feature the emerging role and the value propositions of the Systems Integrators (SI) in the smart card industry. It will gather delegates from both conferences "e-Smart" and "World e-ID"

- **System, solution, product approaches: who does what?**
- **How the smart card is a specific sub-system?**
- **Are the ID-card applications driven the increasing role of the Systems Integrators?**
- **Standards or complexity : which are the main pillars of the SI business models?**



*Yvon Avenel*

## OPENING SESSION

### WELCOME ADDRESS

(02.00pm - 02.20pm)

*Etienne Combet, President - e-Forum  
Olivier Piou, Chairman - Eurosmart*

### Stream 1

Part. 2 Regional Status and International Cooperation

### KEYNOTE ADDRESS

#### The European Perspective

*Yves Paindeveine - European Commission*

#### US Smart Card Deployments and Standards Efforts

*Jim Dray - US Government NIST*

#### Status on Japan and Asia

*Prof. OHYAMA, Tokyo Institute of Technology*

#### The Chinese National Project

*Ms Zhang Yiqing, N°1 Research Institute Ministry of Public Security*

#### The Franco-German Cooperation on e-ID

*Jacques Sauret – ADAE*

*Christian Engel BMI*

# DAY 2

Thursday Sept. 22<sup>nd</sup>

2 PARALLEL STREAMS

09.00am - 12.45am

**stream 2** NATIONAL IMPLEMENTATIONS & BUSINESS MODELS  
- Part. 1 National Implementations

**stream 3** APPLICATIONS AND ePASSPORTS (1)

10.30am - 11.15am  
12.45am - 02.00pm

Coffee tea-break  
Lunch

02.00pm - 06.15pm

**stream 2** NATIONAL IMPLEMENTATIONS & BUSINESS MODELS  
- Part. 2 Business Models

**stream 3** APPLICATIONS AND ePASSPORTS (2)

04.00pm - 04.45pm

Coffee tea-break

Register before July 8<sup>th</sup>  
for  
Early Bird  
Preferential  
Rates

## Stream 2

### NATIONAL IMPLEMENTATIONS & BUSINESS MODELS

By the end of 2005 at least three EU countries will each have issued more than 1 million national e-ID cards. The session offers an analysis of the Business issues and models that underpin and drive these roll-out volumes. What is the decisive key success factor in the significant national implementations? Is it trust, combating ID fraud, the combination of multi-application/multi-service, or does it boil down to increased convenience, value-add, security and feel-good factors for the end users ?

#### Part. 1 National implementations, making it work

##### The Israel case

Ofer Ishai, General Manager – Minshak Ltd

##### The Belgium case

Henk Vandendooren, Business Unit Manager, System Integration  
- Steria Benelux

##### The Swedish case “e-Identification for secure e-services”

Bengt Lindstedt from Swedish Ministry of Finance

##### The French case (ADAE)

##### The German case

##### The Italian case

Prof. Enrico Nardelli – NESTOR, University of Roma “Tor Vergata”

##### The Finnish case

Tapio Aaltonen, Director, Population Register Centre, Ca Services  
- Helsinki



Baudouin de Sonis



Bengt Lindstedt



Paul Crook



Henry Ryan



Nicolas Conso



Florian Pacquelin



Neville Pattinson



Randy Vanderhoof

#### Part. 2 Business issues and models, does trust pay off?

##### The business Challenges for making ID work

Paul Crook, Government Lead Partner for Immigration, Justice & Public Safety, CRM and Customer Contact Transformation in Atlantic & Europe - Accenture

##### e-Government: benefits and take up

Baudouin de Sonis, Executive Director – e-Forum

##### The multi application business case perspective

Henry Ryan, Managing Director - LIOS GEAL CONSULTANTS

##### Which identification for which needs in local eGovernment

Nicolas Conso, local e-Government Program Manager - Caisse des Dépôts

##### ID public acceptance through security and value added services

Florian Pacquelin, Government & Security Marketing Manager - Oberthur Card Systems

##### Mechanisms for enabling e-commerce: Creating Trust on the internet

Neville Pattinson, Director of Business Development, Technology & Government Affairs ; Access & Public Sector - Axalto Americas

##### US, Homeland security: the US business and implementation model

Randy Vanderhoof, Executive Director – Smart Card Alliance

## Stream 3

### APPLICATIONS AND e-PASSPORTS

e-ID applications include amongst others the e-Passport, the pan-European health insurance card and the use of e-ID in web-services and in cross border eJustice domains.

If you are interested in in-depth information and analysis on how countries and market players are adapting to these application requirements this session is for you. For instance is the dual interface e-ID card and travel document combination sufficiently secure? What range of choices do the ICAO recommendations offer and which business and implementation models are future proof ?

#### Part. 1 eID applications in Government as well as the business domain

##### Identity and Access Management: evolving towards web services / services oriented architectures

Philippe Lemaitre, Security Solutions Director - Bull Evidian

##### Onom@topic: Status of progress

Jean Pierre Tual - Axalto

##### European Initiatives in term of Identification: “The EURODAC, Schengen and Visa information systems”

Jean-Reginald Vanden Eynde, EURODAC Program Director

##### Identification, Authentication and e-signature masked software for Sesame-Vitale healthcare Card

Didier Chaudun, Business Development & Strategy, Security Division - SAGEM

##### Cross Border Interoperability for Health Cards in the EU

Marc Lange, Manager- EHTEL

##### The Business Case for the .NET Smart Card for Strong Authentication

Diane Harvey, Director of Business Development - Axalto USA

#### Part. 2 The ePassport as a secure ID business and implementation model

**The European Digital Passport: from macro to micro level,**  
Alfred Gottwald, Senior Security Consultant , Siemens – Dr Detlef Houdeau Project Manager of the Eu Funding Project, Infineon

##### Market and Technology update on Electronic Passport

Rainer Rettig - Director Business Unit Secure ID – ACG Identification Technologies

##### New trends on e-passport

Peter Stroo - ST Microelectronics

##### ICAO compliant travel application and national eID application in one card

Jukka Yliuntinen, Senior Vice President Government & Corporate Business Unit - SETEC

##### Contactless Standard ISO/IEC 14443, status and improvement

Jean-Paul Caruana, Alain Guinet - Gemplus R&D Contactless Technology Center

##### Implementing large scale biometric application for e-passports

David Benini, Director Product Marketing- Aware

## Demonstrations Area

An innovative approach of the future of smart card and eID through live demonstrations.

for updated demos program

[www.strategiestm.com/conferences/we-id/05](http://www.strategiestm.com/conferences/we-id/05)



Didier Chaudun



Marc Lange



Jukka Yliuntinen



Rainer Rettig



Henk Vandendooren

# DAY 3

Friday Sept. 23<sup>rd</sup>

2 PARALLEL STREAMS  
morning only (no lunch)

09.00am - 01.00am

stream 4 BIOMETRICS:  
When and how to implement, the impact of border control, new technologies

10.30am - 11.15am

stream 5 ARCHITECTURES AND STANDARDISATION  
Coffee tea-break

## Stream 4

### Biometrics: When and how to implement, the impact of border control, new technologies

Biometrics offer increased security and convenience for the end-user. Learn when and how to implement for the benefit of the organisation and the end user, the impact of biometrics in border control, the practical experiences in the UN refugees camps, and how the vital need for secure registration procedures is being met in practice. The session also addresses the future of biometrics. Will DNA become the one and only system, and when may we expect DNA and other biometric technologies to be part of our daily life scenario's ?

#### The biometrics work in Governmental applications

Marcel Boogaart, Director - HSB CARDS & CARDS SYSTEMS

#### Stop! We know who you are

Paul Mc Keown, Emea Customs, Ports and Border Management, IBM BCS

#### Intelligent Enrollment for ICAO Compliance

Michal Shai - Director of Marketing - Metaform

#### DNA: Future Biometric Identifier

Dr Sabine Delaitre, ICT Unit - Ioannis Maghiros, Principal Scientist - IPTS, European Commission DG JRC

#### Biometric Identification in 2015: a scenario exercise

Yves Punie, Senior Researcher - Elsa Lignos, Researcher - Ioannis Maghiros, Principal Scientist - IPTS European Commission DG JRC

Speaker : Elsa Lignos

#### eBorders: The Biometrics Perspective

Cyril Dujardin, Product Manager, Government Solutions Business Unit, Security Division - Sagem



Marcel Boogaart



Paul Mc Keown



Dr Sabine Delaitre



Elsa Lignos



Cyril Dujardin



Patrick George



Emmanuel Ventadour



Bud P. Bruegger

## Stream 5

### Architectures and Standardisation

When and how are we going to realise a European or worldwide e-Authentication infrastructure? Get acquainted with the models of the Liberty Alliance, OATH, TCG and that of the emerging EU Citizen Card. Or do you put more faith in Open Source and in simple down to earth middleware solutions? The status of standardisation and practical take-up is analysed and explained by the authors of the respective standards. And watch out for what is happening in the nomadic, mobile world.

#### Liberty Alliance: positioning of the architecture and issues for the consortium

Hellmuth Broda, Liberty Alliance - CTO, Europe, Middle East Africa - Sun Microsystems

#### How Smart Cards Can Help Liberty, TCG, and OATH Win the Digital ID Challenge

Patrick George, Senior Architect - Gemplus

#### Watch Out: Standardisation of European ID Cards is approaching fast

Emmanuel Ventadour, Strategy & Marketing Manager, ID & Security Solutions - Gemplus

#### ISO/IEC 24727 Smart Card Interoperability Standard

Teresa Scwhwarzhoff, ISO/IEC SC 17/WG 4/TF 9 Chair - U.S. Department of Commerce

#### Logical Data Structures and Security Services of the European Citizen Card ,

Dr Jens Urmann, Security Consultant - Giesecke & Devrient

#### Towards Global Nomadic World

Eikazu Niwano - NTT Lab.

#### Open Source Solutions for Interoperability in the e-ID Domain

Ing. Bud. P.Bruegger, OpenPortalGuard Project and Town of Grosseto (Italy)

Jan Van Arkel, Ambassador CEN/ISSS Ws eAuthentication (The Netherlands)

Stef Hoeben, OpenSC Project and Zetes PASS (Belgium)

Antonino Iacono, Opensignature Project (Italy)

Martin Paljak, OpenSC Project (Estonia)

Marc Stern, Computer Sciences Corporation (Belgium) and Apache/modssl project

Speaker: Bud. P. Bruegger

# Riviera Smart Event at a glance

Co-located with "World e-ID" are two other international meetings:  
- "e-Smart", the leading Smart Card Industry conference  
- "Smart University", an educational program designed and delivered by high level academics.

Smart University Educational Program e-Smart Conference World e-ID Conference

	Morning	Afternoon
Sept. 20	Biometrics DRM & Content Protection Global Platform Specifications Advanced Java Technologies SC & ID Security	Biometrics DRM & Content Protection Global Platform Specifications Advanced Java Technologies SC & ID Security
Sept. 21	Opening Session	Systems Security (1)
	World & Regional Strategies (1)	Opening Session World & Regional Strategies (2)
	Biometrics DRM & Content Protection Advanced Java Technologies SC & ID Security ID Management Issues & Prospects New Emerging Standards	Biometrics DRM & Content Protection Advanced Java Technologies SC & ID Security ID Management Issues & Prospects New Emerging Standards
Sept. 22	Systems Security (2) Java & Operating systems	Product Security (1) Emerging Technologies (1) Terminals & Devices
	Applications & e-Passports (1) National Implementations & Business Models (1)	Applications & e-Passports (2) National Implementations & Business Models (2)
	New Emerging Standards	New Emerging Standards
Sept. 23	Product Security (2) Emerging Technologies (2)	
	Biometrics Architectures & Standardisation	



## Organizers



Strategies Telecoms & Multimedia is a company designed to help international companies devise and implement marketing and marketing communications strategies for high technologies industries. Our goal is to meet the unique needs of TMT industry by providing services in consulting and operations : conferences direct marketing, online media ...Our team has decades of experience in the telecommunications, the multimedia and other high-technology industries.

www.strategiestm.com

e-Forum was launched in Brussels in 2001 by the European Commission in order to stimulate the economic and social role played by e-Government, and encourage excellence in e-Government at National, Regional, Local and European levels.

e-Forum rapidly became a group of over 3000 members and 500 active participants from all stakeholders from all around Europe in this domain: national governments, regional and local authorities, companies including service providers and integrators, telecommunication operators, publishers, software, non governmental organisations, academics and e-Government professionals.

Delegates of this group met in Copenhagen in 2002, and decided to structure a permanent organisation with a Board of Directors, an Executive Director, and a President. Etienne Combet, key-builder of different French and European major e-Government projects, was appointed as President. e-Forum used the wide experience of its members to articulate what it saw as the key points for e-Gov deployment across Europe.

www.eu-forum.org

# How to register ?

- through our e-commerce platform and secure payment: <http://www.strategiestm.com/conferences/we-id/05>
- through any other way, please send your request to **Strategies Telecoms & Multimedia**  
Fax N° + 33 1 70 07 05 05 or email to [lperron@strategiestm.com](mailto:lperron@strategiestm.com)

Registration Rates in euros* <small>* European Community Members are submitted to VAT (19.60 %)</small>	1 day		Full Event Package	
	no VAT	with VAT	no VAT	with VAT
Regular Attendees	550€	657,80€	800€	956.80€
Early Bird (until July, 8, 2005)	480€	574,08€	700€	837,20€
Associated Members (1)	450€	538,20€	600€	717,60€
Academics & Non Profit (2)	300€	358,8€	400€	478,40€
Full Board Academics (3)	not available		600€	717,60€

- (1) *Associated Members from : Eurosmart, GlobalPlatform, Java Card Forum, e-Forum, Smart Card Forum of China, Smart Card Alliance, NMDA*
- (2) *Non-profit organizations include professional associations, administrations, government department and agencies, local authorities.*
- (3) *\*\* hotel accommodation - 2 nights and 2 dinners Sept. 21, Sept. 22.*

All prices are per 1 delegate inclusive lunches (no lunch on Sept. 23), coffee tea breaks for the days booked, the Worlde-ID Proceedings Cd-rom. World e-ID delegates have free access on the co-located "e-Smart" conference and qualify for preferential conditions to get the Proceedings cd-rom of e-Smart: 60 euros instead of 100 euros up to Sept. 23<sup>rd</sup>. (+ Vat for European Community Members)

The conference is held at the CICA - "Centre International de Communication Avancée" - 2229 route des Crêtes - 06560 Valbonne - Sophia Antipolis. An invitation together with all useful information will be sent to you before the event. This brochure is not a contractual document.

**The organizers reserve the right to change the program or the identity of the speakers.**



Program and registration rates: <http://www.strategiestm.com/conferences/esmart/05>



Program and registration rates: <http://www.smart-university.net>

## Sponsors



Axalto is the world's leading provider of microprocessor cards (Gartner 2004, Frost & Sullivan 2004) - the key to digital networks - and a major supplier of point-of-sale terminals.

Its 4500 employees serve customers in more than 100 countries, with worldwide sales reaching 3 billion smart cards to date. The company has more than 20 years' experience in smart card innovation and leads its industry in security technology and open systems.

Axalto continuously creates new generations of products for use in a variety of applications in the telecommunications, finance, retail, transport, entertainment, healthcare, personal identification, information technology and public sector markets. Smart card solutions provide convenience, security and privacy to public and private services operators, their customers and end users.

[www.axalto.com](http://www.axalto.com)



for more information, please visit  
[www.steria.com](http://www.steria.com)



With sales of 450,8 million Euros in 2004, Oberthur Card Systems is one of the world's leading providers of card-based solutions, software and applications including SIM and multi-application smart cards as well as services ranging from consulting to personalization. Innovative products, security expertise and high quality services ensure Oberthur Card Systems' strong positioning in its main target markets:

- Payment & Services : 57% of 2004 revenues. World leader and number one supplier of Visa and MasterCard payment cards
- Mobile Communications : 33% of 2004 revenues, with open and interoperable solutions based on Java™ technology
- Identity : strong positions in ID projects throughout the world
- Multimedia : leading position in the Pay-TV market with an end-to-end expertise in the value chain: software development, manufacturing and personalization
- Transit : focus in the high-end segment with a microprocessor-based offer

Close to its customers, the company benefits from an industrial and commercial presence across all five continents. Listed on the Euronext Stock Exchange (ISIN: FR0000124133) since July 2000, Oberthur Card Systems is a subsidiary of the François-Charles Oberthur Group.

[www.oberthurcs.com](http://www.oberthurcs.com)