

CONFERENCE PROGRAMME

DAY ONE – 8 February 2010


08:30	Coffee & Tea
10:00	Conference Chairman's Introduction
10:05	KEYNOTE – Safeguarding your identity Sir Joseph Pilling , <i>Identity Commissioner, Office of the Identity Commissioner, UK</i>
10:30	KEYNOTE – Security documents - solution or part of the problem? Brian Minihane , <i>Director, Police Operational Support, INTERPOL, France</i> <ul style="list-style-type: none">• The growth in travel and population movements provides criminal organisations with lucrative opportunities which they exploit on a daily basis.• Examples will be provided of the global experiences, current tools and techniques are available to counter the threats.• The role of security documents in aiding criminals to commit crimes inside of national borders will also be addressed, as well as the effect that advances in document security features are having on changing crime patterns.
10:55	KEYNOTE – Passports and ID cards – Past, Present, Future <ul style="list-style-type: none">• Developments in passport security;• The launch of the ID cards;• Future IPS initiatives. Vince Gaskell , <i>New Service Implementation Director, Identity and Passport Service, UK</i>
11:20	KEYNOTE QUESTION AND ANSWER SESSION
11:30	Crystal Ball Seminar – The future for e-security documents and related infrastructure <p>It is almost five years since countries started issuing ICAO-standard ePassports in earnest and today more than 100 million are in circulation. Meanwhile, the march forwards of eID cards and eGovernment applications continue apace. This session, followed by an interactive debate, looks to the future and answers questions such as: What will travel documents and eIDs of the future look like? Where is silicon chip technology headed? How might technology and applications converge? Will we even need identity documents in the future?</p> The e-passport's fifth anniversary - exploring the future Tom Kinning , <i>Senior Project Manager, Sagem Identification, Chairman of ISO/IEC JTC1 SC17 WG3/TF2 - ICAO Doc 9303 and ISO/IEC 7501 Editorial drafting and WG3/TF5 - Data Structure and Security Framework for eMRTDs</i>
	New generation of ICs for eGovernment applications Peter Schmallegger , <i>Head of eGovernment Marketing, NXP Semiconductors</i>
	The Shape of things to Come? <p>This presentation will take us forward into the unknown - what will the travel document of the future look like? How will we use it? Will we need travel documents at all?</p> Robin Chalmers , <i>Head of International Policy, IPS, UK</i>
12:50	Lunch
	ePassports, eVisas and eIDs: The good, the bad and the ugly <p>Advances in chip technology and biometrics, as well as an impressive international level of co-operation and effort, have helped to make electronic identity documents increasingly secure, versatile and interoperable. This is the good. The speed of roll out of such documents has inevitably led to weaknesses in certain parts of the supply chain and perhaps an over-reliance on new technology. This is the bad. The new documents have been the subject of attack from many quarters, and while the attacks may be without merit, they have caused damage to the image of document security. This is the ugly. This stream looks at the Good, the Bad and the Ugly of the security document industry...</p>

13:50	SESSION CHAIRMAN'S INTRODUCTION
13:55	The Good, the Bad and the Ugly: ICAO's Role in the Aftermath of the US Christmas Terrorist Attempt Mauricio Siciliano , <i>ICAO MRTD Programme, Canada</i>
14:20	Is Your Secure Document Hackable? <ul style="list-style-type: none">• There has been a rise in claims that ePassports and eID cards across the world have been cloned, hacked, cracked or otherwise successfully attacked;• This presentation addresses the attacks, the results, the impact and how to select the appropriate secure technology to meet your application needs today and in the future. Chris Shire , <i>Business Development Manager Chipcard and Security, Infineon Technologies, UK</i>
14:40	UK FCO - Meeting changing needs and challenges for passports overseas <ul style="list-style-type: none">• A UK perspective on recent initiatives;• A new system to improve passport processing abroad, meeting citizen needs for travel documents overseas;• Establishing a new ICAO standard for Emergency Travel Documents (ETDs). Patrick Owens , <i>Head of Passports and Documentary Services Group, Consular Directorate, Foreign and Commonwealth Office, UK</i>
15:05	New challenges in security and biometric travel documents: The Spanish MFAC approach for visas and passports <ul style="list-style-type: none">• The Spanish Ministry of Foreign Affairs and Cooperation has developed and deployed an informatics system and technological platform for issuing travel documents, including biometrics;• This presentation shows the overall project, legal and organizational constraints, biometric capture alternatives, testing and working experience. Francisco López-Crespo , <i>Deputy Director for Informatics, Communications and Networks at the Ministry of Foreign Affairs and Cooperation, Spain</i>
15:30	Afternoon Coffee
	Countering the counterfeiter... <p>As counterfeiters become ever-more technologically advanced, the secure document industry is challenged with staying one step ahead of the game. This stream asks how well the industry is performing, what is the current level of sophistication found in counterfeit and forged documentation and looks at patterns of usage, by both organized criminal networks and terrorists. It also looks at fraudulent document usage in the commercial sector and whether there is a market opportunity for the security document industry.</p>
15:50	SESSION CHAIRMAN'S INTRODUCTION
15:55	Tradition v Technology – Document Design on Trial <ul style="list-style-type: none">• Forgers and counterfeiters are as prolific as ever. Using recent case studies, this session identifies the current level of sophistication found in counterfeit and forged documentation.• Has the evolution of modern documents included sufficient adaptation to counteract today's technologically advanced criminal? Brian Somers , <i>Document Examiner, National Document Fraud Unit, UK</i>

DAY ONE (Cont'd)

16:25	Preventing identity document fraud through partnerships <ul style="list-style-type: none">• Genesis - a pioneering co-operative initiative to reduce harm to the UK from criminals who obtain specialised equipment and use it to produce thousands of fake identity documents;• How customer profiling and reporting suspicions can disrupt organised criminal networks;• Success stories to date. Detective Chief Inspector Nick Downing , Metropolitan Police, UK	16:45	Testing the limits of Electronic Passport Readers (EPR) <ul style="list-style-type: none">• Fraudulent document or not?• EPR vs Manual• EPR Test 2009 results unveiled Alex van Durren , Advice & Innovation, Ministry of Defence, Royal Marechaussee, Expertise Centre Identity Fraud and Documents, The Netherlands
		17:05	Making ID crime pay <ul style="list-style-type: none">• Gaining work by deception;• Do private sector employers care?• Opportunities in commercial staff screening. David Chernick , Chair of PREFIT, Founder of SAFER and Senior Manager, KPMG Forensic, UK
		17:30	End of Day One

DAY TWO – 9 February 2010

09:00 ePassports in Focus: PKD Seminar – Organised by ICAO  <p>An essential element in the introduction of ePassports is the implementation of a global system for their validation, achieved through the exchange of Public Key Infrastructure certificates. ICAO's Public Key Directory (ICAO PKD) acts as a central, universal broker to manage the exchange of certificates and certificate revocation lists. This critical role ensures optimum efficiency by eliminating the need for complex and time-consuming bi-lateral exchange agreements between countries on a case by case basis.</p> <p>This in-depth session, organised by ICAO, will look at the current operational status of ICAO PKD, explain why more countries should be signing up and address key outstanding issues and questions surrounding its implementation by States across the world.</p>	14:10	Automated Certificate Management for effective Border Control Management <ul style="list-style-type: none">• Passive authentication (PA) and Extended Access Control (EAC) rely on an effective and reliable certificate management. Within a border control system, this problem can be solved through automated certificate management;• This presentation examines the certificate management problem and the use of automated distribution techniques as a solution. Raoul E. D'Costa , Technical Manager, 3M Rochford Thompson, UK
09:05 The role of ICAO <p>Walter Amaro, Chief Joint Financing Section, Secretary of the PKD Board, Air Transport Bureau, ICAO</p> <p>Christiane DerMarkar, Joint Financing Officer, Air Transport Bureau, ICAO</p> Why validating the chip data is vital <p>Bob Carter Consultant, PKI, Encryption & Chip, Identity and Passport Service, UK</p> Switzerland's reasons to join the PKD <p>Roman Vanek, Chief, Division Identity Documents and Special Tasks, Swiss Federal Office of Police, Switzerland</p>	14:30	Federation of e-Passport and e-ID PKI Services for Border Control <ul style="list-style-type: none">• e-Passport and e-ID projects rely on similar PKI schemes as backbones of security services;• Though different objectives are targeted, one can set up a common scheme for production, verification and post-issuance for different types of secure documents in general;• Presentation of a scheme that allows the federation of e-Passport and e-ID services. Dan Butnaru , E-passport Product Manager, KEYNECTIS, France
10:30 Coffee & Tea	14:55	Using and abusing MRTDs: risk factors at the border <ul style="list-style-type: none">• Addressing the weak breeder document chain;• Controlling the risk of social networking sites and automated picture matching for look alikes;• Adopting biometric conformance platforms and establishing biometric equipment certification centres;• Empowering best practices for biometric verification. Jean Salomon , Principal, JSCP, France
11:00 The German N-PKD, and Lessons Learned During Start of Active Participation <p>Thomas Gilles, Computer Scientist, Federal Office for Information Security, Germany</p> ICAO's PKD – An Indispensable Component of Border Control <p>Katherine Mitchinson, Policy Adviser on the International Policy Team, Home Office Identity & Passport Service, UK</p> PKD – Design, Architecture and Services <p>R. Rajeshkumar, Deputy CEO, Netrust Pte Ltd, Singapore</p>	15:20	Afternoon Coffee
12:15 Panel discussion	Advances in document anti-counterfeiting techniques <p>There are a large number of techniques that can be used in the manufacture of security documents to help ensure their protection against counterfeiting and fraud. This session looks at just what is working in the fight against crime, assessing diverse techniques, from holograms to inks and from DNA to nanotechnology. It also looks at tools, such as document databases, which can help authorities and businesses detect and compare the myriad of features included in a given document against a presented sample.</p>	
12:45 Lunch	15:40	SESSION CHAIRMAN'S INTRODUCTION
The Nuts and Bolts of Advanced Border Control <p>Getting away from the drawing board, this stream is designed for border agencies who are tasked with rolling out new infrastructure and policies to handle advanced immigration documents and techniques. From dealing with complex certificate management to biometric exceptions at high-volume border entry points to designing robust systems that can handle the breakdown of critical infrastructure.</p>	15:45	False and Authentic Documents Online (FADO) – a trio of systems <ul style="list-style-type: none">• Expert FADO – document expert level (classified: RESTRICTED); online information introduction and information exchange between European document experts; security features of ID & travel documents;• iFADO – Intranet FADO - Control authority level (circulation restricted);• PRADO – Public Register of Authentic Documents Online – notaries and companies to detect identity fraud (reduced content). Manfred Lavicka , FADO Data Administrator, Justice & Home Affairs, DG H 1 A, Council of the European Union
13:45 SESSION CHAIRMAN'S INTRODUCTION		
13:50 Implementing Inspection Systems on a National Scale <ul style="list-style-type: none">• Border forces and other enforcement agencies are having to face up to the practical challenges of implementing 1st and 2nd generation inspection systems;• How can organisations best meet the challenges of integrity, security, reliability, availability and performance involved in deploying these new technologies at high volume, high profile entry points? Tom Martin , Solution Architect, Serco Civil Government, UK		

DAY TWO (Cont'd)

16:05	Intelligent security document protection and document authenticity <ul style="list-style-type: none">Intelligent security designs have complex protection systems that guard against forgery, and may contain a combination of patented security features and security design elements and specific materials – inks, substrates, chemical agents...Capabilities of new copy machines and reproduction equipment;New solutions for document protection that guard against tampering and data manipulation, whilst allowing easy verification. Dr Boglárka Papp, Marketing and Sales Director, Jura JSP, Hungary	16:45	Micro- and nanotechnology to enhance the physical security of credentials and products <ul style="list-style-type: none">Counterfeiting of documents, identification credentials and actual products is a major global problem that requires a high level of physical security on items in question;A range of micro- and nanotechnologies exist that can provide textural, optical and/or magnetic features that are extremely difficult to replicate, yet are relatively easy and cost effective to deploy;This presentation will review various approaches and consider their advantages and disadvantages in different security applications. Dr Adrian Burden, President, Bilcare Technologies, UK
16:25	Evolution of hologram technology for Identity Documents <ul style="list-style-type: none">Surface gratings holograms with rainbow effects and animated images have been authenticating and protecting identity documents for more than 20 years;Governments around the world face serious challenges arising from increased fraud and counterfeiting: volume personalized holograms offering new recording capabilities represent a valuable alternative. Hugues Souparis, President, Hologram Industries, France	17:15	KEYNOTE: Securing America's Trust: Security Printing and Electronics in Federal Credentials Robert C. Tapella, Public Printer of the United States, CEO, US Government Printing Office
		17:45	End of Day Two
		19:30	Gala Dinner

DAY THREE – 10 February 2010

Beyond ePassports and national eIDs...

ePassports and national eID cards have stolen the headlines in recent years, but there are a raft of new electronic security documents – both Government and private sector-issued – that have the ability to change the way we identify, authenticate and perform transactions. This session looks at the wide range of documents, from electronic driving licences to eHealth cards and assesses security and interoperability challenges.

09:00 SESSION CHAIRMAN'S INTRODUCTION

09:05 eDL – what, why and when?

- The ISO 18013 standard has reached the circulation stage. This presentation will review configuration options and resulting requirements;
- The possibility of introducing an "EU driver's license" profile in the ECC standard;
- A comparison of security levels of ISO-compliant eDLs with ePPs and eIDs.

Mario Stoltz, Product Manager, MST eGovernment/ Business Line Identification, NXP Semiconductors, Germany

09:30 Beyond e-Passports: An "ICAO-lite" alternative for mainstream ID applications

- ICAO-compliant chips are too costly and too slow to be used for more mainstream e-ID applications;
- With driving licenses, healthcare cards, electronic benefit transfer (EBT) cards, residence permits etc. soon to represent 80 to 90 percent of the contactless ID chip market, there is potential for solutions that can leverage the current ICAO ecosystem while providing the flexibility to add value to e-ID documents;
- ICAO-Lite technology.

Bertrand Moussel, Executive Vice President Sales EMEA, LATAM, INSIDE Contactless, France

10:00 Risk Assessment on cross border e-authentication processes in the EU

- Results and conclusions from a recent ENISA Study.

Markus Hartmann, Founder and CEO of HJP Consulting, Germany

10:30 Coffee & Tea

SDW Open Forum – Bringing eIDs to life... e-enabled citizen-centric services

Advanced secure documents and complementary technologies and processes are designed to provide assurance of identity and guard against counterfeiting. Looking forward, if identity can indeed be assured then it is possible to imagine a world of opportunity, where secure online transactions may be performed by citizens in the comfort of their own homes, or in fast track lanes within advanced transport hubs.

The benefits of such a world are clear to see, and include substantial per-transaction cost savings for service providers (governments) and greater flexibility and convenience for the end user (citizens).

How will existing hardware and software suppliers, integrators, and governments interact in the new landscape and just what services can be envisaged in a new identity-assured environment?

11:00 SDW Forum Introduction

Neville Pattinson, Vice President of Standards and Government Affairs, Gemalto North America

11:10 Belgian eID: THE key towards all eSolutions

- Joint federated back-office infrastructure;
- Citizen-centric approach;
- Facilitator and enabler towards public and private sector;
- Parallel with cross-border interoperability.

Franck Leyman, Manager International Relations – Fedict – Service Public Fédéral ICT

11:30 Taking Trusted Credentials One Step Further

- Once an Identity is established and trusted for everyday use, the question is, where do we go from here?
- The ability to associate skill sets and qualifications from sources other than the issuer allows the identity to be used beyond the traditional, connected world.
- How to associate dynamic off-card attributes for use in mobile applications while relying on long-lived identity information from the card.

John Bys, Executive Vice President, CoreStreet, USA

11:50 eID in Europe – a step towards Smart Cities?

Yiru Zhong, Analyst, Information Communication Technologies, Frost & Sullivan, Poland

12:10 Open Room Debate

DAY THREE (Cont'd)

12:40	Lunch		
		Intelligent Border Control and Beyond Advanced border control systems can give governments and airports the ability to simplify passenger travel, yet enhance security. This session addresses the lessons being learned at some of the world's leading automated border control crossing points. It also introduces new concepts, such as extending biometrics beyond border control to areas such as self boarding and online booking.	
13:40	SESSION CHAIRMAN'S INTRODUCTION		
13:45	Eurosmart position paper on e-passport & border control <ul style="list-style-type: none">• Objectives and characteristics of the border control process;• Worldwide status and outlook on e-passports, cross border control and e-gates;• Eurosmart position and recommendations for Europe. Didier Chaudun , <i>Member of Eurosmart e-ID Working Group</i>		
14:10	Identity Triangle – the necessary pillars for a successful ABC system <ul style="list-style-type: none">• Understand the fundamental ABC system processes• Pitfalls that lead to identity fraud• Getting biometrics right J.J.M. (Hans) de Moel , <i>Policy Officer Advice & Innovation, Ministry of Defence, Royal Marechaussee, Expertise Centre Identity Fraud and Documents, The Netherlands</i>		
14:35		EasyPASS - Automated Border Control based on ePassports <ul style="list-style-type: none">• The German Automated Border Control solution operated at Frankfurt Airport;• Technical and organizational details;• Results on biometric performance and lessons learned. Markus Nuppeney , <i>computer scientist, member of the section 'Official Electronic ID Documents' of the German Federal Office for Information Security (BSI), Germany</i> Matthias Niesing , <i>computer scientist, member of the section 'Biometrics & eID' of secunet Security Networks AG, Germany</i>	
15:00		Extending biometrics from border control to end-to-end passenger processing at airports <ul style="list-style-type: none">• Information from secure ePassports may be used to facilitate self service in the air traffic industry;• Secure online booking and identity verification during self service check-in, bag drop, landside-airside transition;• Automated self-boarding André Oeyen , <i>SITA, Belgium</i>	
15:25		Is Intelligent Border Control Smart Enough? Opportunities and Challenges Monica Gariup , <i>Research Officer, Research and Development Unit, Capacity Building Division, FRONTEX, Poland</i>	
15:50	Closing Remarks		
16:00	Close of Conference		