

ICAO SECURITY & FACILITATION

Tenth Symposium and Exhibition on

ICAO MRTDs, Biometrics and Border Security

ICAO Headquarters, Montréal, Canada, 7-9 October 2014

PROGRAMME & DIRECTORY



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07:30-09:00	Sponsored by GEMALTO
09:30-12:30	SOLUTIONS -ORIENTED WORKSHOP
	Presentations (Please note all times are approximate)
09:30-09:50	Mühlbauer ID Services GmbH
09:50-10:10	HID Global Corporation
10:10-10:30	Crane Currency
10:30-10:50	Entrust
10:50-11:10	MORNING COFFEE / REFRESHMENT BREAK Sponsored by HOLLOGRAM INDUSTRIES
10:50-11:10	Sponsored by HOLLOGRAM INDUSTRIES
*	Sponsored by HOLLOGRAM INDUSTRIES
11:10-11:30	Safran Morpho
11:10-11:30 11:30-11:50	Safran Morpho EDAPS Consortium

(Continued)

14:00-15:00 OPENING SESSION

- Mr. Jim Marriott, Deputy Director, Aviation Security and Facilitation, Air Transport Bureau, ICAO
- H.E. Ambassador Raimonda Murmokaite, Chair, UN Counter-Terrorism Committee; Permanent Representative of Lithuania to the United Nations
- H.E. Aníbal Florencio Randazzo, Minister of Interior and Transport, Argentina
- Mr. Michael O'Connell, Director, Operational Police Support, INTERPOL

15:00-15:30 COFFEE BREAK Sponsored by DATACARD Datacard Group

15:30-17:00 SESSION 1

ICAO'S GLOBAL LEADERSHIP IN SETTING SARPS ON TRAVELLER IDENTIFICATION MANAGEMENT

MODERATOR: Mr. Barry Kefauver, ICAO TAG/MRTD Expert, International Organization for Standardization (ISO), United States

ICAO TRIP Strategy: Agenda for the Future

Mr. Mauricio Siciliano, Traveller Identification Programme (ICAO TRIP) Officer, ICAO

The ICAO Traveller Identification Programme (ICAO TRIP) Strategy has been adopted as a policy document over a year ago. Now the emphasis is on making the TRIP Strategy a reality – through joint global efforts

(Continued)

and its universal implementation. The presentation explores an action plan that outlines TRIP implementation outcomes, milestones and activities. It pays particular attention to ongoing assistance needs, new project initiatives, and explores ways of providing intensified capacity-building assistance to States in need.

Evolving ICAO MRTD Specifications, Coming Soon: the New Seventh Edition of Doc 9303

Mr. Tom Kinneging, Senior Expert Standardization, Morpho, Convenor of ISO/IEC JTC1 SC17 Working Group 3

Doc 9303 is a living document. New specifications, updates, clarifications and additions are constantly developed and published as Technical Reports and the Supplement. Finding the right provisions in such numerous reference documents is not always easy. The new - 7th - edition of Doc 9303, now in final stages of publishing, aims to make it more reader-friendly and easier to maintain.

The 24 November 2015 Deadline: Meeting the Challenge Mr. Erik Slavenas, Programme Officer, Traveller Identification Programme (ICAO TRIP), ICAO

The 24 November 2015 deadline is being increasingly discussed at MRTD working meetings and by the media. What is the deadline about? Does it apply to ePassports? Why is complying with Standard 3.10.1 of Annex 9 – Facilitation so important? Are there any good practices to follow? Is any assistance or advice available from ICAO? The presentation will explore those questions and brief the audience on action taken by ICAO to encourage compliance with the deadline.

DISCUSSIONS, QUESTIONS & ANSWERS

17:00-17:15

LUNCH SPONSOR'S PRESENTATION Sponsored by ENTRUST



(Continued)

- 17:15-17:30 RECEPTION SPONSOR'S PRESENTATION
- 17:30-19:30 WELCOME RECEPTION Sponsored by EDAP



END OF DAY 1



07:30-9:00	Continental Breakfast/Sponsored by Point Charlie Inc. PointCharlie International Passport Ventication System
9:00-10:45	PKD DISCUSSION PANEL
	MODERATOR: Mr. Roman Vanek, PKD Chair, Chief Division Identity Documents & Special Tasks, Federal Office of Police, Switzerland
	 PKD: A "Win – Win" Tool for Border Control Agencies, eMRTD Issuers and Travellers Mr. Mr. Roman Vanek, PKD Chair, Chief Division Identity Documents & Special Tasks, Federal Office of Police, Switzerland The presentation will highlight the benefits of using the ICAO Public Key Directory (PKD) in border controls. The PKD Chair will give a high level overview of the PKD functions and explain security and facilitation benefits for States, other eMRTD-issuing entities and all stakeholders involved.
	Joining the ICAO PKD: Taking Full Advantage of Being an Active PKD Member Ms. Christiane DerMarkar, PKD Officer, ICAO A practical briefing about ICAO PKD operational and administrative matters, including accessing reference materials on the ICAO/PKD Board website, filling in relevant forms and documents (e.g., MoU, Notice of Participation, Notice of Registration), invoices and financial modalities, CSCA Certificate import arrangements, and other related areas.
	ICAO PKD: Current State of Play Mr. R. Rajeshkumar, Chief Executive, Auctorizium Pte Ltd The ICAO PKD began operations on March 19, 2007 with five participants. Currently, there are 45 PKD participants and the directory has added many new features over the years. This presentation covers the current architecture, services and utilisation of the PKD.

Development Process of the Platforms: PKD and SPOC in Spain

Mrs. Esther Fernandez, Police Officer, National Police, Spain

Spain shares experiences and lessons learned of becoming a PKD member, including creating an effective and secure operational system for the issuance of ePassports, the implementation of a Public Key Infrastructure (PKI), the issuance of second-generation ePassports, the CVCA (Country Verifying Certification Authority) and the introduction of fingerprints in Spanish passports to be verified in the ABC System.

DISCUSSIONS, QUESTIONS & ANSWERS



COFFEE BREAK Sponsored by OVD KINEGRAM

OVD KINEGRAM

11:15-12:15 SESSION 2

MRTDs: DOCUMENT ISSUANCE AND CONTROL

MODERATOR: Mr. Gary McDonald, Senior Consultant Identisec, Former Director General, Legislation and International Relations, Passport Canada; and former NTWG Chair

LDS2: Explaining the Concept and Dispelling Myths

Mr. Jasper Mutsaers, Research & Development Advisor Travel Documents, Ministry of the Interior and Kingdom Relations, Personal Record and Travel Document Agency, the Netherlands

The NTWG has been working on a Technical Report exploring advanced elements of the Logical Data Structure (LDS2). The presentation explains the objectives and scope of the work, and

dispels some misconceptions that may surround the LDS2 debate. LDS2, which is optional for States to use or not, will allow receiving States to add data to eMRTDs, furthering lawful, efficient and secure travel while protecting the privacy of the traveller. It also emphasizes protections against vulnerabilities such as counterfeiting, copying and unauthorized reading.

A Tale of the Unexpected – What to Do When the Upturn Arrives?

Mr. Stephen Chapman, International Relations, Communications & Corporate Development Directorate, Her Majesty's Passport Office, United Kingdom

This year Her Majesty's Passport Office in the UK has seen a higher rate of passport applications than we have ever seen before. Even so, the Office has managed to maintain their service delivery standards for the vast majority of customers. Through describing the UK experience and how they tackled the problem, the presentation shares lessons learned and helps others to prepare should they one day find themselves in a similar position.

Identification Management Today and Tomorrow: Learning from the Past, Keeping an Eye on the Future

Mr. Gary McDonald, Senior Consultant Identisec, Former Director General, Legislation and International Relations, Passport Canada; and former NTWG Chair

Drawing upon his lifetime experience at Passport Canada and ICAO working groups, Gary McDonald reflects upon the shifting landscape of traveller identification management, where major global events and new technologies shape new priorities, present new challenges, and often call for innovative policies. The ePassport remains a central pillar of the future-oriented traveller identification management architecture: hence the importance of implementing it right and reading it properly at the border.

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12:15-12:30	LUNCH SPONSOR'S PRESENTATION
12:30-14:00	LUNCH Sponsored by SICPA SICPA
14:00-15:15	SESSION 2 MRTDs: DOCUMENT ISSUANCE AND CONTROL (Cont.) MODERATOR: Mr. Gary McDonald, Senior Consultant Identisec, Former Director General, Legislation and International Relations, Passport Canada; and former NTWG Chair
	 Civil Registration and Vital Statistics: the Need for a Common Terminology and Alignment of Strategy to Give it a Chance of Sustained Success Ms. Sophie Taylor, Programme Lead-Vital Event Registration, De La Rue Solutions, United Kingdom Everyone agrees that a secure and inclusive birth and death registration process is vital to encourage sustained development of a country and its population and to protect the security of the identity products that government issues. Many organizations have an interest in ensuring that civil registration is in place from a statistical, human rights, health, revenue or other perspective. However, at the moment, there is no single body responsible for setting standard specifications, processes and terminology. This is an area where ICAO has learnt many lessons and may provide models to assist ongoing discussions in regions and facilitate decision making for government agencies.
	Seven Keys to the Identification Management Chain Mr. Steven Griner, Coordinator, Universal Civil Identity Program of the Americas, OAS Department for Effective Public Management,

Organization of American States

(Continued)

Obtaining a birth certificate of another person is a lot easier than falsifying a passport. While the uniform application of standards and enhanced technology have dramatically improved the quality of travel documents, doing the same for breeder documents, particularly birth certificates, requires a more holistic approach. This presentation identifies seven keys to improving identification management, both to ensure that every individual is afforded his or her fundamental right to a civil identity and to ensure the information collected accurately reflects the existence of a unique, living human being.

A European Perspective on Evidence of Identity

Mr. Ronald Belser, ICBWG Expert, the Netherlands

The European Fidelity project covers the whole chain from the application process of an ePassport, residence card or IDentity document till the use of this documents in automated systems. One of the items of the Fidelity project is to create a more secure breeder document. We have to protect existing identities and prevent identity fraud, and therefore a minimum security standard is desired for breeder documents (birth certificates) that are issued by Member States of the European Union, the Members of the European Economic Area (EEA) and Switzerland.

DISCUSSIONS, QUESTIONS & ANSWERS

15:15-15:30	COFFEE BREAK Sponsored by CANADIAN BANK NOTE
15:30-17:15	MRTD PROCUREMENT: DISCUSSION PANEL
	MODERATOR: Mr. Markus Hartmann, HJP Consulting GmbH, Germany; Chairman, Sub-Group Procurement Guide, ICBWG

ICAO Guide on Procurement of MRTD-related Systems: Introduction to the What and Why of the Guide

Mr. Markus Hartmann, HJP Consulting GmbH, Germany; Chairman, Sub-Group Procurement Guide, ICBWG

The ICAO ICBWG recently developed a new guide titled "Guidance on Procurement of MRTD-related Systems", which serves as a selfassessment tool for States planning procurement of MRTD systems, as well as a reference paper for donors supporting States in need. The speaker will provide an overview of the guide and highlights specific chapters in more detail based upon his many years of experience in planning MRTD-related projects. This presentation sets the basis for further panel discussions with government members and industry suppliers.

Requirements Setting from Two Perspectives

Mr. Tony Dean, ISO Representative to the ICBWG

This presentation will examine some best practices for setting requirements for a passport tender. It will look at the subject not only from the side of the Passport Issuing Authority but also from the Supplier side and give some best practice advice as to how to set about it. The aim is to propose an approach that will lead to a fair and open procurement process in which the Government side gets what they need and the Supplier is satisfied that they are investing their time and money in an unbiased competition.

MRTD Procurement Experiences: Sharing Lessons Learned

DISCUSSIONS, QUESTIONS & ANSWERS

17:15-17:30 RECEPTION SPONSOR'S PRESENTATION

17:30-19:30

WELCOME RECEPTION

Sponsored by Safran Morpho



09:00-10:30 SESSION 3

INSPECTION SYSTEMS AND TOOLS, INTEROPERABLE APPLICATIONS AND BORDER CONTROLS

MODERATOR: Mr. Tony Smith CBE, Managing Director Fortinus, Former Director General Border Force, United Kingdom

Exit Control – the ePassport and Enhanced Standards Based Data Collection and Sharing

Mr. Ross Greenwood, Principal, Identity Matters Consulting, Australia

The border control challenge is to manage the competing objectives of making travel more secure, more cost efficient and timely, while at the same time delivering a good experience for the traveller. In many countries, current border systems focus on screening travellers on arrival. Under this model it is often not possible for threats and risks to be identified in advance so that travel can be prevented. The speaker explores an innovative vision of a system where airline check-in and exit control would work together seamlessly to collect and package standardised text (and, potentially, images) for transmission to transit and destination countries, subject to an agreed standard. The implementation of the new integrated concept would benefit from the time-proven principles of global interoperability and backwards compatibility, as with the introduction of MRTDs and eMRTDs.

Chilean Integrated Identity System, Travel Documents, Immigration Control and Border Security

Mr. Alejandro Vergara G., Engineer, Consular Management Technological Modernization, Ministry of Foreign Affairs; and Mr. Erik Cáceres Martínez, PDI Liaison Officer, Ministry of Foreign Affairs, Chile

Over the years, Chile has developed a modern system for registration and identification of individuals. It has introduced its new

(Continued)

multi-biometric, machine-readable identity and travel documents that have been issued since September 2013. Along with this, exhibitors will display the complex yet effective and integrated border security and migration control system.

Border Controls in Hong Kong: Challenges Solved and Lessons Learned

Mr. Eric K.K. Chan, Director, Immigration Department, Hong Kong Special Administrative Region, China

The speaker will share the experience of Hong Kong in tackling the challenges in border control. The presentation will cover ways to improve the effectiveness and efficiency of Hong Kong immigration control by adopting edge-cutting IT technologies in automating passenger clearance, such as e-Gates, and streaming-lining the work procedures, such as waiver of stamping requirement on travel documents. The speaker will also discuss the measures adopted in ensuring high standard of immigration control by maintaining effective intelligence-led operations and watch-list systems, as well as effective risk management. Finally, Eric Chan will discuss the challenges lying ahead and the strategic responses to be adopted.



COFFEE BREAK Sponsored by TRÜEB AB



11:00-12:15 SESSION 3

INSPECTION SYSTEMS AND TOOLS, INTEROPERABLE APPLICATIONS AND BORDER CONTROLS (cont.)

MODERATOR: Mr. Tony Smith CBE, Managing Director Fortinus, Former Director General Border Force, United Kingdom

Are E-Passports ready for Primetime?

Mr. R. Rajeshkumar, Chief Executive, Auctorizium Pte Ltd

The chip in the ePassport was intended as an extra security feature in addition to other security features in travel documents. The promise of increased trust in the authenticity of the travel document was quickly recognised and adoption of ePassports has exceeded all expectations. With the growing number of ePassports in circulation, is it time yet, to consider the chip as the primary security feature instead of an additional security feature? Are we really reaping the benefits of the chip in the travel document? Are ePassports ready for primetime?

Border Controls: Lessons from the Past and Planning for the Future Mr. Tony Smith CBE, Managing Director Fortinus, Former Director General Border Force, United Kingdom

Border controls have changed drastically in recent years as the nature of the threats and the mitigations available continue to evolve. In this session Tony Smith will talk about his experiences as Head of Border Control in 2 different countries, both covering major terrorist events; the challenges of managing the UK Border during the London 2012 Olympics; and the latest trends in integrated border management and border systems from a control agency perspective. His presentation will also cover new and emerging challenges for control agencies, and how they can be mitigated through global collaboration on risk management, intelligence, watch lists, and identity management.

Automated Border Control (ABC) Systems: Experience of the Netherlands in Managing Border Controls

Mr. J.J.M. (Hans) de Moel, Policy Officer, District Schiphol, Royal Marechaussee, the Netherlands

The Netherlands, a member of the European Union and Schengen, handles huge numbers of people leaving, arriving or transiting the country. The presentation shares challenges managed and lessons learned in carrying out border controls in the Netherlands. While

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	exploring main policy and strategic directions, the presentation also has a strong practical angle drawing upon experiences at Schiphol, one of the busiest international airports in the world. The current use – and further potential – of ABCs is discussed in some detail.
12:15-12:30	LUNCH SPONSOR'S PRESENTATION
12:30-14:00	LUNCH Sponsored by HID GLOBAL
14:00-15:15	SESSION 3
	INSPECTION SYSTEMS AND TOOLS, INTEROPERABLE APPLICATIONS AND BORDER CONTROLS (cont.) MODERATOR: Mr. Tony Smith CBE, Managing Director Fortinus, Former Director General Border Force, United Kingdom
	MRTDs and Border Controls in Argentina Mr. Gastón Martin, IT Security Officer, Ministry of Interior and Transport, Argentina
	The presentation provides an overview of the evolution of the traveller identification management system in Argentina. It outlines the challenges faced, along with the lessons learnt and the benefits of having a comprehensive identification management strategy. It also addresses the latest achievements in the areas of identification card and passport issuance system, breeder documents and border security.
	24CENNET: 24 Hour Identity Verification Centre Net

Mr. Francisco J. Aranda, Head, Documentation Division, National Police, Spain

(Continued)

The 24 Hour Identity Verification Centre is a permanent communication system that can verify and confirm the authenticity of every Spanish passport or ID card, as well as make additional checks to prevent identification fraud. It is a reference and inquiry point that serves all Spanish Police departments and border control authorities, responds to inquiries from foreign partners, including embassies and consulates, and handles many others national and international requests.

Exploring Visa and Border Controls: Baseline Study on Cross-Border Mobility in the OSCE Region

Mr. Zoran Dokovic, Migration/Freedom of Movement Adviser, ODIHR, OSCE

The baseline study underscores OSCE commitments on freedom of movement and human contacts, and provides baseline information on the situation of cross-border mobility in the OSCE region. The study gives an overview of the volume of cross-border travel in the OSCE region, patterns of cross-border travel undertaken by citizens of OSCE participating States, and how visa regimes between participating States affect these travel patterns. This study also analyses visaapplication requirements of the OSCE participating States and highlights best practices. The presentation focuses on the main findings and conclusions as well as best practices in facilitating cross-border mobility when travel is subject to a visa requirement.

DISCUSSIONS, QUESTIONS & ANSWERS





(Continued)



COFFEE BREAK Sponsored by SICPA



15:45-16:00

WRAP UP AND CLOSING

Mr. Barry Kefauver, ICAO TAG/MRTD Expert, International Organization for Standardization (ISO), United States



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Booth Nos. 43 and 44

3M Company



3M Identity Management is a trusted partner and industry leader in delivering endto-end, innovative security solutions to business and governments worldwide. 3M uses its broadband knowledge, in –depth experience and technological expertise to help quickly and accurately solve an array of security challenges. These include biometric identification solutions for law enforcement, government and commercial enterprises, efficient passenger check-in, secure ID and passport document issuance and hardware as well as software system solutions for border management.

Contact: Mr. Neil R. Runte

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www.3M.com/identitymanagement

Booth No. 42



Aware, Inc.

Aware, Inc. has been a leader of the biometrics industry since 1993, providing system integrators and OEMs with a comprehensive array of biometrics software for credentialing, access control, law enforcement, and border management. We provide SDKs, BioComponents, and applications for use on client workstations, as well as Biometric Services Platform (BioSP), an application server. These products perform:

- fingerprint, face, and iris image autocapture,
- capture hardware device abstraction,
- image quality and compliance assurance,
- ICAO-compliant data formatting and validation,
- passport personalization, reading, and authentication, and
- biometric verification, identification, and deduplication.

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Booth No. 6

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Booth No. 38

Centro Grafico dg S.p.A



Centro Grafico DG offers innovative holographic security solutions. The company specializes in manufacturing high security holographic foils and laminates to protect banknotes, visas, ID cards and driving licenses. Centro Grafico has been accredited by government agencies for the production of national passports and also produces base films and foils to customer specifications.

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Booth No. 13

Crane Currency

CRANE CURRENC

Crane Currency is the world leader in developing micro-optic based features for important identity and monetary documents. We provide a unique technology that cannot be counterfeited with standard known technologies and have a distinct look that differentiates the technology from typical diffractive based security such as holograms. With a storied history of use in banknotes worldwide, Crane Currency's MOTION™ technology enjoys a reputation of high security and ultimate anti-counterfeit protection. We are adapting this technology to identify documents made of either paper or plastic. Our technology is a much needed alternative to standard holograms and optically variable inks, providing a optically active security feature with higher counterfeit resistance than previously achievable.

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Booth Nos. 25 and 26





Datacard Group

Datacard Group helps government agencies and integrators worldwide reduce risk and implement highly secure, reliable and efficient credential programs. Datacard Group has delivered innovative solutions for over 400 ID programs in more than 100 countries, including passports, national IDs, driver's licenses, healthcare, and e-government applications.

A deep understanding of industry best practices and standards, along with an open, flexible architecture, ensures security and flexibility for customers. In addition, Datacard Group offers a Secure Issuance Anywhere platform, which includes best-in-class personalization hardware, identity management software, supplies and services, providing the most comprehensive identity and credential management solutions available.

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Booth Nos. 39 and 40

DeLaRue

De La Rue

Safeguarding citizen identities is a key issue for governments worldwide. As experts in identity management, De La rue has a proven track record in the development and delivery of more than 100 projects to over 50 government clients across the globe.

As specialist identity systems integrator, we pride ourselves on our ability to deliver complete identity solutions with the highest possible levels of end-to-end security and most appropriate overall system for the customer.

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DERMALOG THE BIOMETRICS

Booth No. 45

DERMALOG Identification Systems GmbH

DERMALOG AFIS- Automated Fingerprint Identification System, Border Control System, Fingerprint Live Scanner ZF1, Fingerprint Live Scanner ZF1+, Fingerprint Live Scanner ZF2, Fingerprint Live Scanner F1, Fingerprint Live Scanner LF10, Finger Login, Biometric Gate, Biometric Mobile Unit. Government Solutions, Commercial Solutions.

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Booth No. 28

🔁 DLRS Group

security concepts

DLRS Limited

DLRS Limited is Ireland's largest security printer. Established since 1976, the Company has production facilities in the Republic of Ireland and Northern Ireland. DLRS Limited has an international client base including government departments, financial institutions and commercial organisations. Our product range includes passports, fiscal stamps, biometric cards, cheques and motor/insurance certificates. DLRS Limited is accredited to the ISO9001, 14001 and 27001 standards the Intergraf CWA 14641:2009 standard and is also a member of C&CCC.



The EDAPS Consortium is a leader in ID documents and IT-systems development. The Consortium offers government agencies various product and system solutions: ID documents, laser engraving for ID document personalization, highly secured biometric passports and ID-cards, launch of e-Government and integrated population registration systems. EDAPS can be associated with the latest achievements in all key areas of security printing.

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Booth No. 30

Emperor Technologies



Emperor Technology has been developing Secure ID, Smart Card Fare Payment, and Rail Transit AFC technologies over the past 19 years and has drawn on this experience to produce a comprehensive range of products; With leading expertise, rich industry experiences, strong comprehensive technologies, Emperor has been providing cost-effective product, flexible solution and satisfying service to our customer. Emperor Technology is your reliable technology partner.

Contact: Mr. Sean Zheng

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Booth No. 24

Entrust, Inc.



Entrust offers software authentication platforms that strengthen security in a wide range of identity and transaction ecosystems. Government agencies, financial institutions and other enterprises rely on Entrust solutions to strengthen trust and reduce complexity for consumers, citizens and employees. Now, as part of Datacard Group, Entrust offers an expanded portfolio of solutions across more than 150 countries. Together, Datacard Group and Entrust issue more than 10 million secure identities every day, manage billions of secure transactions annually and issue a majority of the world's financial cards. For more information about Entrust solutions, call 888-690-2424

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Booth No. 27

Foster & Freeman

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For 35 years Foster & Freeman has been the manufacturer of the most effective instruments for document examination. Offering a range of Video Spectral Comparators ("VSCs") to suit different applications: from the high-speed needs of border crossings to forensic level examinations in a laboratory.

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Booth No. 3

Gemalto





Gemalto is the world leader in digital security with 2013 revenues of 2.4 billion. In the public sector, Gemalto provides secure documents, robust identity solutions and services for governments, national printers and integrators in the service of citizens. Its products and solutions are deployed in more than 80 government programs worldwide. Gemalto is contributing to more than 25 eID initiatives and 25 ePassport programs with specific expertise in border and visa management projects. The company is active in major eHealthcare schemes and numerous e-driving license and vehicle registration projects. Gemalto also collaborates with its clients to report and share best practices from around the world.

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Giesecke & Devrient

Creating Confidence.

Booth No. 16

Giesecke & Devrient GmbH

Giesecke & Devrient (G&D) is an internationally leading technology provider with its headquarters in Munich, Germany and 58 subsidiaries, joint ventures, and associated companies in 32 countries worldwide.

The Government Solutions business unit of the G&D Group provides highly secure travel documents, ID systems, and healthcare cards as well as solutions for document and product authentication.

The company's expertise extends from consulting and implementation to maintaining identification systems for documents. It also delivers system solutions for enrolment, personalization, authentication, identity management and (automated) border control.

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Booth No. 9

Global Enterprise Technologies Corporation



GET Group is a world leader in providing governments with innovative, reliable and cost effective high security document issuing and personalization solutions. With two decades of experience, GET Group has the skills and the know-how to manage the complete scope of projects, including analysis, logistics, implementation, security, support, management and maintenance. With projects all over the world, GET Group is proud of its references, which are available upon request.

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Booth No. 35

BCA | GSSC SECURITY ALLIANCE

Graphic Security

BCA/GSSC is an anti-counterfeiting security alliance that provides state-of-theart document security, brand protection solutions and finished security indicia products/materials. GSSC and BCA have provided its patented security technology to government authorized security printing firms and major corporations for more than thirty years. Easy on-the-spot authentication using smart phone applications, as well as overt optically variable effects, are some reasons that GSSC's products are featured on billions of products, ID documents, stamps and currencies worldwide. BCA has a full range of printing capabilities including passport and ID production, multi-color web and sheet intaglio, offset, flexo, foil/hologram application, numbering and digital print.

Contact: Cary Quinn Email: cquinn@graphicsecurity.com www.graphicsecurity.com Booth No. 22 Image: Cold Sponsor Cold Sponsor HID Global Image: Cold Sponsor Cold Sponsor

HID Global provides an unparalleled breadth and depth of services, solutions and expertise across all aspects of the government identification market. HID's technical and program expertise provides government customers a single component or an entire system – which include professional consulting services, data capture, card management, distributed ID personalization and issuance solutions, optical security media, ID card printers/encoders and laminators, world-leading credentials, and eDocuments, readers, inlays, and prelaminates.With 40 years of experience as a strategic advisor to government customers around the world, HID Global works with you to build, deliver and manage custom ID solutions.

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www.hidglobal.com

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Booth Nos. 4 and 5

HOLOGRAM 📕 INDUSTRIES



Hologram. Industries

Hologram. Industries is a Global Leader in security devices and systems offering an extensive range of innovative Solutions to guarantee identity and travel documents' security.

With operations and sales network on all continents, Hologram. Industries is an international company with more than 80% of its revenue outside France.

Recognized by Industry Partners, Governments and Central Banks as an Expert in High Security Solutions, Hologram.Industries has 30 years' experience in holography and is certified CWA/Intergraf. Member of IHMA, the Company invests each year more than 10% in Research & Development.

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Booth No. 19

IAI industrial systems



IAI industrial systems is an independent equipment manufacturer to the Security Printing industry. We supply systems to personalise and secure MRTD's and other valuable documents such as banknotes, cheques and certificates. IAI also offers laser perforated security features, such as ImagePerf (a perforated photograph for ID documents), MicroPerf (a perforated number for banknotes), NumberPerf (a perforated unique number) and LogoPerf (a perforated logo). We constantly seek to improve our products by developing innovative new personalisation technologies or features. IAI's systems and features are used for various security documents worldwide, ranging from banknotes, bank cheques and certificates to driving licenses, passports and ID cards.

Contact: Mr. Will Hospel

Email: will.hospel@iai.nl

www.iai.nl

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Booth No. 34

Groupe Imprimerie Nationale



The Imprimerie Nationale Group is a high tech company, expert in engineering solutions for official credentials, the global management of identities and rights, the protection of sensitive data and controlling flows and complex printing processes. The Imprimerie Nationale Group accompanies actors in the public and private sectors in the creation of identity documents, the securisation of documents and in the integration of trust services and technological solutions. The Imprimerie Nationale produces more than 25 million secure credentials each year, including the French biometric passport.

Contact: Walter Groppi

Luminescence

Email: walter.groppi@imprimerienationale.fr

www.imprimerienationale.fr

Booth No. 29



Luminescence manufactures a wide range of security inks and passport stitching threads for protecting passports from counterfeiting and alteration. These include:

- Intaglio and offset inks formulated with a number of security features for additional overt and covert security on passport End Pages.
- Highly secure and stable offset and screen inks compatible with use on polycarbonate passport Data Pages and ID Cards.
- Special reactive inks to protect visa stamps and labels from alteration and remova from Visa Pages.

Contact: Mr. Nick Cooper

Email: nick@luminescence.co.uk

www.luminescence.co.uk

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Booth No. 36

MODI GmbH



MODI GmbH, is a German company which is specialized in identification products for more than 10 years and has developed a revolutionary camera technology – the Adomo® Technology. Based on this proved technology MODI has designed its future vision of high speed entrance control for high secured areas and ABC gates with outstanding features. MODI is a partner in the FastPass research project of the European commission with the aim of harmonization of Europe air-, see- and land- borders.

Contact: Mr. Dieter Klawunder

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www.MODIvision.net



Booth No. 12

Morpho



Morpho, a Safran company, is a global leader in security solutions. The company's unique expertise lies in providing cutting edge security solutions for government identity, public security, critical infrastructure, transportation and business markets. Morpho is the world leader in multi-biometric identification technologies, biometric identity documents, Automated Biometric Identification Systems (ABIS) and Explosives Detection Systems (EDS). It is one of the leading suppliers of SIM cards, smart cards, trace detection equipment and gaming terminals. With systems operating in more than 100 countries, Morpho's solutions simplify and secure the lives of people around the world.

Contact: Mr. Herman Hemels

Email: Herman.hemels@morpho.com

www.morpho.com

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Booth No. 2

Mühlbauer, Inc.



We live identification! Since 1981, the Mühlbauer Group has been a premium partner for private companies and the public sector in the areas of plastic and chip cards, passports and various RFID applications. Our unique product portfolio affords us in the position to be the preferred technology partner for governments, security printers and system integrators. Highest precision, flexibility and reliability as well as a full commitment are our plenary premises. We provide complete support to our client's in the selection, development and implementation of their individual solution, and set them onto a new level of technological know-how. Not surprisingly the world trusts in Mühlbauer for complex projects in the security sectors of ID cards, ePassports., of plastic and chip cards, passports and RFID applications.

Contact: Ms. Heike Davis

Email: heike.davis@muhlbauer.com

www.muhlbauer.com

Booth No. 41

NXP Semiconductors



NXP is a leading technology supplier for electronic identification documents, trusted by nearly 85% of governments who have implemented electronic passports to date.

Email: Stefan.barbu@nxp.com

www.nxp.com

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Booth No. 10

OpSec Security



OpSec Security is a global leader in government identification and asset protection, including tax stamp solutions, bank note security, and identification systems. OpSec's technology portfolio includes the industry's most comprehensive range of authentication technologies and proprietary imaging processes and equipment. In the three decades since formation, OpSec have successfully protected over 50 government customers and 300 global brands. OpSec is certified to both ISO 9001 and CWA 14641, the international standards for quality and security management.

Contact: Mr. Svitozar Omelko

Email: gpg.sales@opsecsecurtity.com

www.opsecsecurity.com

Booth No. 7

OVD Kinegram AG

OVD KINEGRAM

OVD Kinegram is the innovative, global leader in the supply of advanced Optically Variable Devices (OVDs) to protect government documents and banknotes. More than 100 countries have placed their trust in KINEGRAM® security device to protect their high security documents.

The company has accumulated over 25 years of experience in the protection against counterfeiting and maintains close contacts with police forces, customs authorities and internationally reputed security specialists. Whatever counterfeit-protection needs, OVD Kinegram offers a full range of services: consulting, design, engineering, in-house production, application machines, support as well as after-sales service. OVD Kinegram is a Swiss company and member of the KURZ Group.

Contact: Mr. John A. Peters

Email: john.peters@kinegram.com

www.kinegram.com

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Silver Sponsor





Point Charlie Inc.

PointCharlie operates an electronic international passport verification system (IPVS), which enables end-users, such as border guards and airlines, to verify passport data, including photographs, directly with foreign passport issuing authorities. The verification process is fully automated, available around the clock anywhere in the world, and does not require extraction of personal data from countries' passport databases. The service is free for passport issuing authorities. For end-users, our company offers a range of flexible service subscription options.

For more information about our services please send us an email at info@ pointcharlie.com or call us at +1-844-POINTCHARLIE.

Contact: Mr. Svitozar Omelko

Email: s.omelko@pointcharlie.com

www.pointcharlie.com

Booth No. 18

Polish Security Printing Works



PWPW is a commercial company entirely owned by the State Treasury of Poland and is one of the world's leading producers of identity documents and banknotes. It is also a supplier of modern IT solutions.

PWPW's services as a producer of documents and banknotes encompass the entire production process. PWPW's facilities include a paper mill, a printing deparment, a document and plastic-card production line, and personalisation and electronic certification centres. Such organisation of the manufacturing process ensures the highest level of security in the production, settlement and storage of security prints.

Contact: Mr Piotr Górnicki

Email: sale@pwpw.pl

www.pwpw.pl

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Booth Nos. 14 and 15

Regula Ltd



Regula is the world leader in supplying solutions for the questioned documents analysis including:

- Specialized hardware for detailed examination of security features and automatic document control;
- Software for image processing and storing of received information;
- Document reference systems with detailed description of passports, ID cards and other documents.



Founded in 1927 and headquartered in Lausanne, Switzerland, SICPA is a trusted provider of secured identification, traceability and authentication solutions to central banks, governments and security printers. High-technology security inks are at the core of the company's expertise, protecting the majority of the world's banknotes, security and value documents from the threats of counterfeiting and fraud. As a leader in key security businesses, SICPA combines ink-based features with sophisticated identification and verification systems to offer fully integrated solutions designed for effective passport protection, control and data management at border crossings. Operating on five continents, SICPA is an international company providing innovative technologies and services in more than 200 countries.

Contact: Mrs Alexandra Zlatanov

Email: security.inks@sicpa.com

www.sicpa.com

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Booth No. 46

Speed Identity AB



Speed Identity is a leading global provider of solutions for biometric data capture and enrollment. Our systems capture and provide quality assurance for biometric facial images, signatures and fingerprints for passports and other identity documents as well as meeting standards set by ISO and ICAO. To date, Speed Identity has delivered secure, reliable and user-friendly systems in more than 100 countries worldwide, making Speed Identity the partner of choice for both public and private sectors

Contact: Mr. Claes Bohm

Email: claes.bohm@speed-identity.com www.speed-identity.com

Booth No. 11

Thales

THALES

In all its markets — aerospace, space, transportation, defence and security — Thales helps to make the world safer by providing customers with the tools they need to perform critical tasks. The company is a trusted partner on identity management programmes all over the world, with more than 30 years of experience in this area. Thales harnesses the latest advances in smartcards, biometrics, cryptography and information systems to meet its customers' growing security requirements while protecting the privacy of ID document holders. Drawing on its experience as a systems architect and integrator, Thales proposes an end-to-end approach to identity management encompassing biometric enrolment systems, secure database creation and management, and personalisation of secure ID documents. The company's expertise in biometrics and system integration is particularly important when implementing border control solutions.

Contact: Mr. Pascal Zenoni

Email: pascal.zenoni@thalesgroup.com

www.thalesgroup.com

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> Bronze Sponso

Booth No. 8

Trüb AG



Trüb AG, Switzerland is a national and international leader in the production and personalization of technically secure and high quality identity solutions. Founded in 1859, the company is among the world's leading suppliers of national identity documents such as identity cards, datapages for passports and driving licenses.Over 34 countries on four continents – including Switzerland, the United Kingdom, the Czech Republic, Croatia, Poland, Estonia, Hong Kong and South Africa are among the company's governmental clientele.

Contact: Mr. Urs Fawer

Email: info@trueb.ch

www.trueb.ch

Booth No. 17



• vision-box

Vision-Box® is the leading provider of automated border control and electronic identity solutions that use ICAO-compliant standards. The product portfolio ranges from live biometric enrollment stations, document verification kiosks, digital document dispensers and personalization systems, ranging from portable and hand held biometric units through to smart biometric ABC eGates. From the enrollment process, through the life cycle process of a biometric document and finally to the verification and identification process, all solutions can be linked together through a powerful IT-platform.

Vision-Box® operates automated borders in more than 30 international airports and over 3000 electronic identity systems the world over.

Contact: Ms. Catarina Meleiro

Email: catarina.meleiro@vision-box.com

www.vision-box.com

SPONSORS AND EXHIBITORS

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Booth No. 23

WorldReach Software AB



WorldReach is an end-to-end provider of consular software management solutions in the form of case management, crisis management, traveler registration and overseas travel document issuance. We provide solutions for Emergency Travel Documents, Overseas Passport Issuance, Electronic Immigration Clearance, and Visa, including Biometric Capture.

Contact: Mr. Mark Stoochnoff

Email: mark.stoochnoff@worldreach.com

www.worldreach.com

Booth No. 37

X INFOTECH SIA



X INFOTECH is a leading system integrator and developer of software suite MultiPerso, provides electronic documents (eID, ePassport, eDL, eHealthcare card) personalisation and management, cryptographic & PKI environments, middleware, production management and quality assurance, integration services with 3rd party systems required for electronic document issuance with any chip operating system and on any personalisation equipment. The MultiPerso solution combines all-in one concept with wide functionality covered by unified integrated platform and offers extensive flexibility to be adapted to any environment.

Contact: Mr. Sergey Yeliseyev

Email: sergejs.jelisejevs@x-infotech.com

www.x-infotech.com

LIST OF EXHIBITORS

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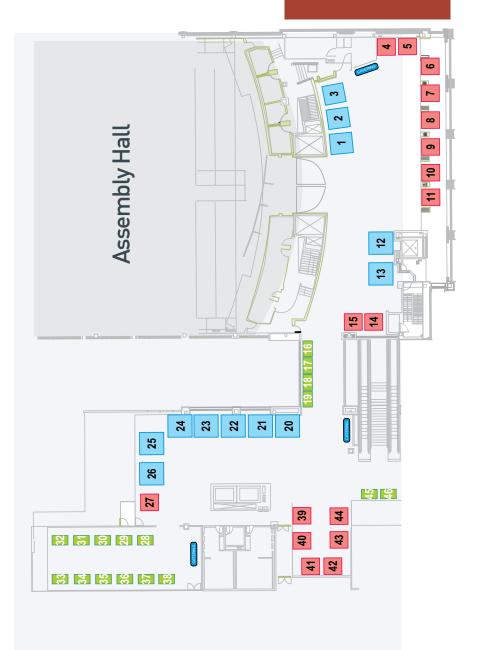
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EXHIBITION FLOOR PLAN 4TH FLOOR

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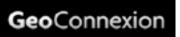


www.authenticationnews.com



www.biodigest.com





www.geoconnexion.com



www.securedocumentnews.com

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www.just4airlines.com



www.keesingyechnologies.com



www.mombergerairport.info



www.policeoracle.com



www.security-technologynews.com



www.vodyanoyznak.ru

SUPPORTING ORGANIZATIONS

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The Biometrics Institute Website: www.biometricsinstitute.org



International Biometric Identification Association (IBIA) Website: www.ibia.org



The International Air Transport Association (IATA) Website: www.iata.org



Union Économique et Monétaire Ouest Africaine(UEMOA) Website: www.uemoa.int

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Registration of Participants

All participants are required to register. Upon registration, participants will be issued an ICAO security pass which will be needed to access the Conference Centre.



Identification of Participants and Security

The ICAO security pass must be visible at all times while on the premises. Security guards have strict instructions not to allow access to the ICAO premises or to the conference rooms to persons not wearing a pass.

Although special care should be taken not to lose these passes, registration personnel will provide replacements upon proper identification.

Meeting arrangements

Languages

Facilities for simultaneous interpretation from and into English, French, Russian and Spanish will be available.

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Presentations

Presentations will be given in the language submitted by the speaker and posted on the MRTD Symposium Web site: www.icao.int/Meetings/mrtd-symposium-2014

Technical support

Technical support for the configuration of participants portable computers will be provided by ICAO's Information Technology staff.

Wireless Internet access (WiFi)

Access to a public wireless networks is available throughout ICAO's facilities. Using the public wireless network, users with computer equipement compatible with WiFi will get access to the Internet. The specification for ICAO's public wireless network is as follows: Public@intl. Civil Aviation

Smoking

Smoking is **not** permitted in ICAO Headquarters

Ancillary services provided by ICAO

Lost and found

Lost articles should be reported to the office of the Chief, Conference and Office Services Section, telephone extension 8227. Any articles found should be handed to the Security Desk.

Medical Services

The Medical Consultant's office is located on the fourth floor, Room 4.25, telephone extension 8212. A nurse is on duty from 08:30 – 16:30

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for the duration of the event. If an emergency occurs outside the office hours, the Social Security and Welfare Unit, also located on the fourth floor, Room 4.35.28, telephone extension 8236 or 8237, will provide assistance.

Participants seeking medical attention could also obtain information from their hotel management on the location of a doctor in their hotel or nearby.

The closest hospital to the ICAO premises is the McGill University health Center, telephone 514-934-1934. Ambulance service may be obtained through a doctor or Urgences-Santé, telephone 911.

Telephone services

The ICAO general telephone number is 514-954-8219 Telephones for use within the Organization and for local calls in the Montreal area may be found on each level of the Conference Centre. When calling an extension within the Organization the four-digit extension may be dialed directly. When making a local call outside the building "9" must be dialed before the outside number. The internal telephones located in the Conference Centre cannot be used for direct long-distance calls. Long-distance calling cards may be purchased from the telephone operator on the fourth floor.

The use of cellular phones is prohibited in all conference rooms.

Other Services

Banking facilities

The following banks are conveniently located relatively close to the ICAO premises:

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Royal Bank of Canada

1 Place Ville-Marie 514.874.7222

TD Canada Trust

500 Saint-Jacques West (corner McGill) 514.289.0799 National Bank of Canada

600 de la Gauchetière West 514.394.4385

Canadian Imperial Bank of Commerce 1155 René-Lévesque West 514 876 2323

City Bus and metro services

Public transportation, by bus and metro, is operated as an integrated system within the city limits and transfers may be made at designated points. Individual tickets, as well as one-day and three-day passes, can be purchased in advance at metro stations (not on the bus). All buses are the "pay-as-you-enter" type with exact fare only (no change is given) or a ticket/pass. Route and fare information may be obtained by calling 514.288.6287

Tourist information

All major hotels provide tourist information on points of interest in Montreal and vicinity, excursions, cultural and sporting events and other activities. Tourisme Quebec, located at the Centre Infortouriste at 1001 Square Dorchester (between Pell and Metcalfe Streets, one street south of Sainte-Catherine Street) offers tourist information for Montreal as well as for the entire province of Quebec.

It can be reached at 514.873.2015 every day from 09:00-17:00 or via its website: www.tourisme.gouv.qc.ca

Transportation to Pierre Elliot Trudeau Internationale Airport Special bus service from major downtown hotels is available from 05:00-23:00. Arrangements can be made and prices obtained through the hotel management.

NOTES

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ICAO MRTD's Biometrics and Border Sercurity Symposium on Innovation in Aviation Security ICAO Headquarters, Montréal, 21–23 October 2014

SIAS2014



The future starts here

The need to address the evolving threat to civil aviation through effective yet sustainable measures is best achieved by introducing new and innovative processes and technologies. To foster a dialogue among stakeholders, ICAO will hold its first Symposium on Innovation in Aviation Security, 21-23 October 2014, at ICAO Headquarters in Montréal.

Bringing together major decision makers, this Symposium has been designed to help States, industry, academic researchers and other AVSEC professionals explore how technology tools and equipment can help States and industry meet both existing and future aviation security challenges.

If you would like to take advantage of this invaluable networking and learning opportunity and help set the course for the newest security and facilitation solutions, please visit www.icao.int/meetings/SIAS or contact ICAO's SIAS team at: SIAS@icao.int



ICAO TRIP 2015 EVENTS MARK YOUR CALENDAR!

Take part in these annual global ICAO events. Addressing ICAO MRTD standards and specifications, identification management, best practices and related border security issues.

ICAO TRIP Events, the only events where participants have the opporunity to network with the member states of worldwide civil aviation organizations

> MRTD Regional Seminar Morocco – 9-13 February 2015

11th MRTD/TRIP Symposium ICAO headquarters, Montreal, 14 – 16 October 2015



For more information and to book your sponsorship or exhibition plan please contact MRTDevents@ICAO.int