International Civil Aviation Organization

Sixth Symposium and Exhibition on ICAO MRTDs, Biometrics and Security Standards

ICAO Headquarters, Montréal, Canada
1 - 4 November 2010

PROGRAMME

and

DIRECTORY

1 - 4 November 2010

ICAO Headquarters, Montréal, Canada
http://www.icao.int/MRTDsymposium/2010

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International Civil Aviation Organization

Sixth Symposium and Exhibition on ICAO MRTDs, Biometrics and Security Standards

ICAO Headquarters, Montréal, Canada
1 - 4 November 2010

SYMPOSIUM PROGRAMME

15:00 – 18:00	Sunday, 31 October
08:00 – 14:00	Monday, 1 November
09:00 – 12:00	Tuesday, 2 November

REGISTRATION

MONDAY, 1 NOVEMBER 2010

07:30 – 09:00 CONTINENTAL BREAKFAST Sponsored by NXP Semiconductors
Atrium and Lower Atrium

09:00 OPENING OF THE EXHIBITION

09:30 - 13:00 SOLUTIONS-ORIENTED WORKSHOP
CONFERENCE ROOM 3 (1st floor Conference Block)
Presentations:

Vlatacom Ltd.
Entrust, Inc.
EDAPS Consortium
Morpho
Datacard Group
Gemalto
Speed Identity AB

14:00 OPENING OF THE SYMPOSIUM

6TH MRTD SYMPOSIUM PROGRAMME

MONDAY, 1 NOVEMBER 2010

MORNING COFFEE / REFRESHMENT BREAK
Sponsored by Global Enterprise Technologies Corporation

09:30 — **SOLUTIONS-ORIENTED WORKSHOP**
(1st floor, Conference Room 3)

Presentations by:
(all times are approximate)

09:30

- **Vlatacom Ltd.**
  Mr. Momcilo Majic, Senior Software Architect
  Comprehensive ID Solutions
  The presentation highlights operational and security aspects of modern ID solution for production of multiple types of biometric documents.

10:00

- **Entrust**
  Mr. David Mahdi, Product Marketing Manager
  No Issuance Without Inspection
  The rise of electronic documents and the importance of simple and effective electronic validation.

10:30

- **EDAPS Consortium**
  Mr. Iurii Stus, Director of the State Centre of Document Personalization, PKD Official from Ukraine
  E-passport for Ukrainian Citizens
  National necessity backed by high technologies and production capacities.

11:00

- **Morpho**
  Mr. JW Ter Hennepe, Sales Manager Documents
  Turnkey Implementation of ICAO eMRTD: The Practice
  Every country is unique; guided by examples from practice this presentation will focus on challenges and solutions.

MONDAY, 1 NOVEMBER 2010 *(continued)*

11:30

Datacard Group
Mr. Wim Tappij Gielen, Senior Vice President of Government Business Development
Secure ID and Travel documents
The presentation communicates how best practices and security at time of personalization are needed to meet new trends and challenges in issuing secure identity and travel documents.

12:00

Gemalto
Ms. Verna Heino, Marketing Director, Travel Documents
New Security Features in Travel Documents

12:30

Speed Identity AB
Mr. Magnus Svenningson, Managing Director
The Travel Document Production Chain is No Stronger than its Weakest Link
Do we focus on the right elements?

13:00 – 14:00

LUNCH
Sponsored by
Digital Identification Solutions Group

6TH MRTD SYMPOSIUM PROGRAMME

MONDAY, 1 NOVEMBER 2010 *(continued)*

14:00 — **OPENING OF THE SYMPOSIUM**
ASSEMBLY HALL
(4th floor Conference Block)

Session I: Global Implications of the ICAO MRTD PROGRAMME

14:00

Official Welcome

Mr. Raymond Benjamin, ICAO Secretary General

Mr. Rand Beers, Under-Secretary for the National Protection of Programs Directorate, Department of Homeland Security, United States of America

Mr. Jean-Paul Laborde, Chair, UN Counter-Terrorism Implementation Task Force

Mr. Giuliano Zaccardelli, Director, Strategic Planning Directorate, INTERPOL General Secretariat

15:15 – 15:45 — **COFFEE / REFRESHMENT BREAK**

15:45

ICAO's leading role in setting global MRTD SARPs and specifications: history, the state of play and agenda for the future
Mrs. Folasade Odutola, Director, Air Transport Bureau, ICAO

The presentation outlines ICAO's leading role in setting global MRTD standards, recommended practices and specifications. This year marks the 30th anniversary of Document 9303, which has evolved into a comprehensive set of state-of-the-art technical specifications for machine-readable and biometric travel documents. These accomplishments raise a fundamental question: how to maximise the relevance and usefulness of the MRTD programme to the needs and expectations of States, in order to keep enhancing both security and facilitation benefits globally.

MONDAY, 1 NOVEMBER 2010 *(continued)*

The broadening MRTD agenda: maintaining its relevance to current and future challenges
Mr. Mauricio Siciliano, MRTD Officer, ICAO MRTD Programme

The MRTD agenda has been expanding, as confirmed by the last TAG/MRTD and ICAO Assembly, in order to maintain its relevance to the needs of expectations of States and other stakeholders. The 'newly-emerging' areas such as Evidence of Identity, civil registries, travel document inspection and border controls, combating document and identity fraud, electronic travel clearances and data sharing, etc. are discussed.

Identity management infrastructure: a high-level overview
Mr. Fons Knopjes, Director, ID Management Centre, Netherlands

The speaker focuses on the importance of integrated identity management and registration, and provides an overview of the national identity management infrastructure. The importance of reliable processes, a condition for professional identity management, is highlighted. Other areas covered include migration towards e-Passports and the role of professional training as a foundation for effective passport verification.

17:00 – 17:15 **Sponsor's Presentation**

digital identification solutions

17:15 – 17:30 **Reception Sponsor's Presentation**

Entrust® Securing Digital Identities & Information

17:30 – 19:30 **OPENING RECEPTION**
Sponsored by Entrust

6TH MRTD SYMPOSIUM PROGRAMME

TUESDAY, 2 NOVEMBER 2010

07:30 – 09:00 **CONTINENTAL BREAKFAST** **Sponsored by HID Global**
Atrium and Lower Atrium

09:00 **SYMPOSIUM RESUMES**
ASSEMBLY HALL (4th floor Conference Block)
Moderator**: Mr. Barry Kefauver,** ISO Expert

Session II: Who is Applying for your MRP? Eradicating Identity Fraud at the Root and Consolidating the Integrity of the Passport Issuance Process

09:00

Evidence of Identity: a cornerstone of a secure travel document
Ms. Annette Offenberger, Manager, Identity Services London, Department of Internal Affairs, New Zealand

Issuing a travel document to the right person is fundamental to travel document security. Sole reliance on breeder documents, citizenship or civil registry information can pose risks. There is a growing need to verify identity through more robust Evidence of Identity (EOI) processes, involving a number of components such as, establishing whether an identity exists and is living, that the presenter links to the identity, and that the presenter uses the identity. EOI standards can provide a sound basis for assessing the entitlement of the travel document applicant and for improving the integrity of travel documents. The use of electronic records and biometrics for verification of identity as part of the travel document issuing process is likely to reduce the risk of fraud and enhance the security of the travel document.

TUESDAY, 2 NOVEMBER 2010 *(continued)*

The changing global dynamics of travel document fraud: increasing shift from fraudulent alterations to identity fraud and exploiting the irregularities of the issuing process
Mr. Malcolm Cuthbertson, ISO Expert

The presentation examines the changing global dynamics of counterfeit and fraud to MRTDs covering the three decades since MRPs were first issued in the 1980s. Like the balance that has to be achieved between facilitation and the security of MRTDs, there is a corresponding need for a balance between a secure document and a secure issuing process. There has always been the threat of identity fraud but with the introduction of the highly secure ePassport, criminals are being forced to look for the weakest link in the process. Currently a trend has been identified of a shift away from counterfeiting or fraudulently altering the travel document to some form of identity fraud.

Civil registries: the early phase of the identity management cycle
Mr. Raul Esparza, Civil Identity Program Specialist, Organization of American States

Civil registries play a vital role in robust identity management and preventing identity fraud. The presentation focuses on the functions that civil registries play in supporting the passport issuing authority, including challenges and capacity-building initiatives.

10:30 – 11:00

COFFEE / REFRESHMENT BREAK
Sponsored by Canadian Bank Note Company Limited

11:00

Ensuring the secure environment in the passport issuance process: physical security and electronic security
Mr. Steven Grant, 3M Security Systems Division, Canada

The presentation will discuss global challenges and best practices related to the prevention of travel document issuance irregularities. In additional to the physical security of the passport booklet, there are many other components of a comprehensive security plan. Training and oversight of personnel, IT security, inventory management are the themes being introduced.

TUESDAY, 2 NOVEMBER 2010 *(continued)*

The integrity of the MRTD issuance process: ICAO Guide for Assessing Security of Handling and Issuance of Travel Documents
Mr. Gary K. McDonald, Director General, Legislation and International Relations, Passport Canada

The presentation highlights reasons why States must focus on the security of the travel document issuance process and will explain why the ICAO Guide for Assessing Security of Handling and Issuance of Travel Documents was developed, what it contains and how it can be used for reference or practical assessments.

12:00 – 12:15 **Sponsor's Presentation**

BUNDESDRUCKEREI

12:15 – 13:30 **LUNCH**
Sponsored by Bundesdruckerei GmbH

13:30

Travel document assessments: a practitioner's view
Mr. Robin Chalmers, Consultant, United Kingdom

A comprehensive examination of the travel document issuance process from a practical perspective. It will cover how such assessments might be approached, the importance of having an independent assessment, what they entail and how to maximise their success. It will also cover how the results of the assessment can be used to identify/develop capacity building projects.

GROUP DISCUSSION

6TH MRTD SYMPOSIUM PROGRAMME

TUESDAY, 2 NOVEMBER 2010 *(continued)*

14:30 – 15:00 **COFFEE / REFRESHMENT BREAK**
Sponsored by SAFE ID Solutions AG

Session III: ICAO MRTD Specifications: the production and personalization of MRTDs
Moderator: **Mr. Gary K. McDonald,** Director General, Legislation and International Relations, Passport Canada

15:00

ICAO MRTD and eMRTD standards and specifications Latest developments in MRTD specifications: Supplement Release 8 to Document 9303
Mr. Barry Kefauver, ISO Expert

A user-friendly overview of the structure of Document 9303, its main chapters and annexes, and its main uses for technical reference. Particular attention is paid to the latest specifications approved and presented in the latest Supplement.

The role of PKD in ensuring compliance to Doc 9303
Mr. R. Rajeshkumar, Director Business Development, Netrust Pty. Ltd., Singapore

While sufficient attention has been paid to the interoperability of E-Passports, little attention has been paid to the conformance of CSCAs, DSCs and CRLs to Doc 9303, which is essential for establishing trust in the E-Passports and for proper validation of the documents. The ICAO PKD started out as a mechanism for exchanging Document Signers and CRLs but is evolving to become an early warning system for non-conformance issues. This talk will detail the increasing role of the PKD as a tool to ensure compliance to Doc 9303 for Certificate and CRL profiles. It will also highlight cases of non-conformance that have been observed and the potential impact to validation of the E-Passport.

TUESDAY, 2 NOVEMBER 2010 *(continued)*

Implementation of eMRTD projects: points to watch
Mr. Markus Hartmann, Managing Director, HJP Consulting GmbH, Germany

Implementing eMRTD projects presents far more challenges than just MRTDs. In particular, the 'e dimension' requires a Public Key Infrastructure, the chip is expected to work for ten years, and it requires an IT system from enrolment up to secure delivery. Handling and storage of blank ePassports also presents additional challenges. The presentation is based on the speaker's experience and lessons learnt from formulating and implementing eMRTD projects in Europe and the Middle East.

Current challenges in implementing MRPs and eMRPs
Mr. Dwight MacManus, Director, Travel Applications, Canadian Bank Note Company, Ltd.

With the majority of States having now introduced the machine readable passport (MRP), ICAO's Implementation and Capacity Building Working Group (ICBWG) has been monitoring compliance to the Document 9303 standards. Using illustrations and examples, the most common issues are presented along with their potential impact during border inspection.

17:00 – 17:15 **Sponsor's Presentation**

VLATACOM

17:30 – 19:30 **RECEPTION**
Sponsored by Vlatacom Ltd.

6TH MRTD SYMPOSIUM PROGRAMME

WEDNESDAY, 3 NOVEMBER 2010

07:30 – 09:00 **CONTINENTAL BREAKFAST Sponsored by Gemalto**
Atrium and Lower Atrium

09:00 **SYMPOSIUM RESUMES**
ASSEMBLY HALL (4th floor Conference Block)
Moderator**: Mr. Gary K. McDonald,**
Director General, Legislation and International Relations, Passport Canada

Session III: ICAO MRTD Specifications: the production and personalization of MRTDs (Continued)

09:00

ePassport implementation in Tajikistan
Mr. Manuchehr Mahmudov, First Secretary, Consular Department, Ministry of Foreign Affairs, Republic of Tajikistan

The new ePassport has been implemented in Tajikistan successfully but some challenges remain, including the expansion of the system nation-wide and to diplomatic missions overseas. The speaker presents lessons learned during the implementation, the institutional arrangements for ePassport issuance and international cooperation, remaining challenges and the main directions for the future.

WEDNESDAY, 3 NOVEMBER 2010

Developing biometric passports and using the recommendations of ICAO in the Republic of Uzbekistan
Mr. Botir Khakimov, Expert at the Information and Telecommunication Systems**,** Department, Cabinet of Ministers of the Republic of Uzbekistan

The presentation gives an overview of the current state of implementation of biometric passports in the Republic of Uzbekistan. It also addresses the national regulatory and institutional framework in production and issuing biometric passports.

Emergency passports and return travel documents: emerging norms
Mr. Staffan Tilling, Chief Superintendent, Swedish National Police Board

The rationale of emergency passports and return travel document is discussed. Emergency passports cannot have the same range of security features as a normal passport. One approach is to compensate weaker security features in an emergency passport with making it valid for a time as short as practicable. Another major challenge is the lack of uniformity of emergency passports and return travel documents among States. Issuance of emergency passports, the format and security features of the document, fees and best practices are also addressed.

10:30 – 11:00

COFFEE / REFRESHMENT BREAK
Sponsored by Foster & Freeman USA

foster+freeman

11:00

Reflections on the future of a Visa: universal Doc 9303 compliance and beyond?
Ms. Claudia Hager, CEO, OeSD International GmbH, Austria

The presentation looks at the Visa from a multi-faceted perspective: its rationale, stakeholders involved, who are the readers, the importance of interoperability and other areas. It also looks into ICAO compliance issue of visa specifications and addresses emerging developments and systems for issuance of visa, such as eVisa and related electronic travel clearances.

WEDNESDAY, 3 NOVEMBER 2010 *(continued)*

Biometric Enrolment for the EU Visa Information System (VIS): Germany's experience
Mr. Fares Rahmun, Federal Office of Administration (BVA), Germany

The EU VIS system will introduce biometrics into the visa issuing and inspection process in all Schengen member states, with important implications to their consular posts and border check points. Germany has been participating in the European pilot project BioDEV II (BIOmetrics Data Experimented in Visas) in order to gain comprehensive experience regarding the handling and processing of biometric visas. The presentation gives an overview of the results of the pilot project BioDEV II and shares best practices and lessons learnt on incorporating biometrics into a visa-issuance system.

12:00 – 12:15 **Sponsor's Presentation**

12:15 – 14:00 **LUNCH**
Sponsored by De La Rue Identity Systems

DeLaRue

14:00

Visa issuing: the perspective of a consular office at an overseas diplomatic mission
Ms. Gurpreet Bajwa, Visa Officer, Embassy of Ireland, Ottawa

Visa issuing plays an important role in ensuring border security and presents some unique challenges in the issuance process. The presentation is based on the experience of the visa section of the Irish Embassy in Ottawa, covering policy and operational issues, document and identity fraud patterns encountered during visa issuance, and some best practices how to tackle such challenges.

WEDNESDAY, 3 NOVEMBER 2010

eVisa and electronic entry clearances: conceptual framework and the way forward
Mr. Chris Lyle, Representative of UN World Tourism Organisation to ICAO

Now that the MRP requirement is in place almost everywhere around the world and ePassports are becoming well-established, the time has come to move on to e-Visas. The eVisa system has demonstrated considerable advantages from the perspectives of both security and facilitation. The concept is already being implemented by a few States and is under consideration by an increasing number of others, but in the absence of global standards, specifications and interoperability there is a danger of fragmentation and security gaps. Development of a Public Private Partnership and use of an existing mechanism such as ICAO's TAG/MRTD could provide a way forward.

15:00 – 15:30

COFFEE / REFRESHMENT BREAK
Sponsored by IRIS Corporation Berhad

IRIS
Bringing Solutions to Life

15:30

eVisa and Electronic Travel Authority: sharing Australia's experience and lessons learned
Ms. Dot Harvey, Principal Migration Officer, Australian High Commission in Ottawa

Australia was the first country in the world to introduce an Electronic Travel Authority (ETA) and later eVisa. The presentation explains the original rationale of ETA and eVisa, its main modalities and functions, as well as cost, border security and facilitation implications. The speaker also reflects upon lessons learnt and points to watch for other States considering adopting an eVisa system in the future.

eVisa: the state of play and implementation issues
Mr. Alex Rayner, eBusiness Adviser, Pacific Asia Travel Association (PATA), Australia

The speaker looks at the technical aspects of introducing an eVisa as part of the national border control capacity, addresses security and facilitation benefits that eVisa provides, as well as cost-and-benefit implications. The presentation also covers the case studies of already implemented and newly-emerging eVisa systems worldwide, outlines lessons learned, and reflects on the practicalities of setting up an eVisa in a cost-effective and sustainable manner.

WEDNESDAY, 3 NOVEMBER 2010 *(continued)*

GROUP DISCUSSION

17:00 – 17:15 — **Sponsor's Presentation**

EDAPS CONSORTIUM

17:30 – 19:30 — **RECEPTION**
Sponsored by EDAPS Consortium

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6TH MRTD SYMPOSIUM PROGRAMME

THURSDAY, 4 NOVEMBER 2010

07:30 – 09:00 — **COFFEE / REFRESHMENTS**
Atrium and Lower Atrium

09:00 — **SYMPOSIUM RESUMES**
ASSEMBLY HALL (4th floor Conference Block)
Moderator**: Ms. Annette Offenberger,** Manager, Identity Services London, Department of Internal Affairs, New Zealand

Session IV: MRTDs and Border Control. The role and further potential of MRTDs in preventing and combatting terrorism and trans-border crime

09:00

Combating document fraud: MRTD security features and forensic travel document examination
Mr. Charles Stevens, Former Head of the United Kingdom National Document Fraud Unit

The speaker will discuss the problems and threats for the security of MRTDs and the ongoing roles and responsibilities of MRTD manufacturers and ICAO in this, as well as the major part played by control authorities in the detection of document fraud. The importance and range of security features used in MRTDs will be addressed, and why they remain vital in the age of biometric MRTDs. The role of control authorities in document fraud detection and the important part played by the front-line officer as well as the back office forensic examiner will be discussed.

The problem of impostors: identity fraud without fraudulent alterations
Mr. Charles Stevens, Former Head of the United Kingdom National Document Fraud Unit

The presentation looks at the rapidly growing threat posed by impostors, not only to front-line control officials but also to MRTD issuers. It will discuss why certain documents are attractive to impostors and the organised criminal groups who control them. It also looks at how impostors can be detected using technical tools and, most importantly, by highly trained, professional control officials. The presentation also demonstrates why skilled border inspection officials need to play a leading role in combating this type of fraud for the future.

THURSDAY, 3 NOVEMBER 2010 *(continued)*

Intelligence-led border security and controls: MRTD, eVisas and beyond
Mr. Ricardo Letosa, Manager, Government and Security Solutions, SITA

With constantly evolving security threats, there is a need to shift the focus of attention to the identification of high-risk individuals, not just dangerous or prohibited items that travellers may carry. How can law enforcement agencies ensure effective risk assessment without introducing new hurdles for an increasing number of travellers? How can we respond to the need to increase facilitation and the drive for self-service travel? Can MRTDs and eVisas transform the landscape of the aviation system to provide end-to-end security?

10:15 – 10:45 **COFFEE / REFRESHMENT BREAK**

10:45

Intelligence-led border security in the Caribbean Community (CARICOM)
Mr. Herman Browne, CARICOM Implementation Agency for Crime and Security (IMPACS)

Regional security cooperation in combating terrorism and trans-border crime in the Caribbean has been gaining further momentum. The presentation addresses the institutional framework of inter-agency and trans-border criminal intelligence sharing and best practices in the region. The role of IMPACS and its two permanent sub-agencies, the Joint Regional Communications Centre (JRCC) and the Regional Intelligence Fusion Centre (RIFC), are discussed. The presentation also covers a number of cases, best practices and practical lessons learnt in data sharing and liaison for law enforcement and border security purposes.

Handling MRTDs and eMRTDs that fail to read: current practice and challenges
Mr. Robin Chalmers, Consultant, United Kingdom

The introduction of MRPs was a major step forward in the development of travel documents and addressed the need to facilitate large numbers of travellers quickly. Despite this being first introduced over 40 years ago, it remains a key feature of today's travel document and indeed has become even more important with the introduction of e-passports. The presentation looks at how to deal with the challenges posed by passports e-passports that cannot be read at border control.

THURSDAY, 4 NOVEMBER 2010 *(continued)*

Automated border gates and biometric applications: state of play, challenges and a road ahead
Dr. Jean Salomon, Principal, JSalomon Consulting Partners, France

Several countries have already deployed automated border clearance (ABC) programs in order to streamline incoming passenger flows across immigration, mostly at airports. While everyone agrees with ICAO's view that Biometrics verification at the border crossing point is a key element to establish ABC procedures, not all ABC programs were borne equal. As the industry strives for interoperability, we are still far from reaching it or even general consensus on the best way to implement these programs. The presentation looks into these seemingly conflicting elements and offers a vision of where we ought to be with ABC programs in the near future.

12:00– 12:15 **Sponsor's Presentation**

12:15 – 13:30 **LUNCH**
Sponsored by L-1 Identity Solutions

13:30

Integrated Border Management (IBM) in practice: enhanced inter-agency and cross-border cooperation and data sharing
Ms. Arabelle Bernecker-Thiel, Programme Manager, ICMPD

The concept of Integrated Border Management (IBM) promotes border security through inter-agency and international cooperation among all relevant agencies. Along with information and data exchange, harmonized procedures, coordinated shifts at border crossing points and joint operations, IBM also aims to foster border controls which are effective, and at the same time sufficiently efficient to allow for a smooth processing of passengers. Document security is not only an important topic of IBM, but is also the focus of several ongoing EU and ICMPD projects in Europe and Asia and will remain high on the agenda in the foreseeable future.

THURSDAY, 4 NOVEMBER 2010 *(continued)*

Participation in the PKD: policy and administrative framework
Dr. Eckart Brauer, Senior Officer, Federal Ministry of the Interior, Germany; Chairman of the PKD Board

Need for a complete signature check validation of ePassports is derived from recent travel document and identity fraud dynamics. The ICAO Public Key Directory (PKD) is presented as the world-wide interoperable response and prevention. The presentation highlights key aspects of the PKD, including strategic benefits, participation modalities, the fee structure and the PKD Board.

ICAO PKD promotion in the OSCE region
Mr. Ben Hiller, Programme Officer, OSCE

The OSCE has been active in capacity-building initiatives to promote the ICAO PKD further. In particular, the presentation will outline a newly developed training template on the advantages and specifications of the PKD and also highlight past achievements. In addition, it will outline the OSCE Travel Document Security programme as well as provide a future outlook on potential activities as a regional implementer of global standards in the area of Travel Document Security developed under the framework of ICAO.

15:00 – 15:30 **COFFEE / REFRESHMENT BREAK**

15:30

PKI as a National Basic Infrastructure for Electronic Identification Projects in Brazil
Mr. Maurício Augusto Coelho, Director, PKI Department, National Institute of Information Technology, ITI Civil Cabinet of the President's Office, Brazil

Sharing Brazil's experience in building and running, for the last decade, its National Digital Certification System titled ICP-Brasil. The Brazilian PKI system has become a foundation for numerous electronic applications ranging from e-Government to e-Commerce. In addition, the presentation addresses the issue how ICP-Brasil digital certificates play a fundamental role being key components of other national e-ID projects such as the new civil identity of the Brazilian population and e-Passports.

THURSDAY, 4 NOVEMBER 2010 *(continued)*

Joining the ICAO PKD: the experience of Switzerland
Mr. Roman Vanek, Federal Police, Switzerland

The PKD is an integrated part of the Swiss e-passport programme. The presentation explains the rationale of Switzerland's joining the ICAO PKD, lessons learnt, institutional framework, communications arrangements, recent developments and the future of PKD participation.

GROUP DISCUSSION

Session V: Summary and Closing Remarks
Moderator: **Mr. Barry Kefauver,** ISO Expert

17:15 – 17:30 **Sponsor's Presentation**

SAFRAN Morpho

17:30 – 19:30 **RECEPTION**
Sponsored by Morpho

Please note that all times are approximate

Our Next Event:

For details and registration please visit:

http://www.icao.int/mrtdseminar/2010africa/

SPONSORS AND EXHIBITORS

3M

Lower Atrium
Booth No. 60

3M COMPANY

3M Security Systems has been the trusted partner that helps governments and organizations all over the world develop successful security initiatives through advanced strategies, solutions and technologies. As the complexity of personal identification grows, we continue to provide innovative end-to- end solutions, including: state-of-the-art biometrics, security material technologies, document personalization, printing and issuance and document reading and authentication

Contact: Mr. Neil Runte E-mail: nrunte@mmm.com
Website: www.3M.com/security

ABnote

Lower Atrium
Booth No. 61

ABNOTE NORTH AMERICA

ABnote is the leading supplier of identification products such as national IDs, epassports, access control cards and drivers licenses in addition to RFID enabled cards and smart cards. Additionally, commercial cards, financial cards and secure documents are also offered, secure printed products, documents and related services.

Contact: Mr. Tom Harris E-mail: cbenoit@abnotena.com
Website: www.abnote.com

SPONSORS AND EXHIBITORS

Lower Atrium
Booth No. 65

ANDREWS & WYKEHAM LTD.

Andrews & Wykeham is a traditional British company offering customised security solutions to discerning customers. We implement cutting edge holography, colourswitch, laser marking, security printing and microtaggant technologies to create a range of security products and components for the ID card, passport, banknote, document security, revenue protection and brand protection markets.

Contact: Ms. Kali Pearce E-mail: kali.pearce@andrews-wykhema.co.uk
Website: www.andrews-wykehm.co.uk

Fifth Floor
Booth No. 46

AOPTIX TECHNOLOGIES, INC.

AOptix Technologies, Inc. is a world leader in iris recognition biometrics for commercial access control, government border and national ID programs. Operating a nominal 2 meter distance, the AOptix InSight with its breakthrough adaptive optics technology delivers proven image quality and accuracy in high-throughput applications. Subjects are effortlessly imaged in 2 seconds per eye inside a large .75 cubic meter capture volume.

Contact: Mr. Kevin Keipper E-mail: kkeipper@aoptix.com
Website: www.aoptix.com/iris-recognition

SPONSORS AND EXHIBITORS

ARH INC.

Atrium
Booth No. 55

ARH Inc. is internationally recognised as one of the leading manufacturers of travel document readers and biometric products. The travel document reader portfolio includes a wide range of full-page e-passport readers, ID-1- and half page (MRZ) scanners with options like contact and contact less chip reading (RFID), magnetic stripe reading, 1D/2D bar code reading and various document authentication services. Latest products are the AFS510 live scanner for reading ten fingers and the Combo Reader, a cost effective, compact yet high quality document reader. As a truly OEM/ODM company, ARH designs and manufactures custom-made document readers for its system integrator partners.

Contact: Mr. Gabor Jozsa E-mail: gabor.jozsa@arhungary.hu
Website: www.arhungary.hu

ARJOWIGGINS SECURITY - INTEGRALE SOLUTIONS

Fourth Floor
Booth No. 23

Integrale Solutions, a subsidiary of Arjowiggins Security SAS, is specialized in both digital and physical security for the e-ID and secure documents market. Integrale Solutions is your trusted solution partner to deliver a complete end to end e-Document solution. We benefit from more than 15 years of e-ID implementation experience and expertise in high security document, advanced electronic technologies and system solutions. Integrale Solutions products are a perfect fit for a wide variety of official e-documents: e-passport, national e-ID cards, e-health cards, e-driver licenses. We offer a comprehensive, well integrated and established end to end solution to enable efficient and smooth deployment of e-ID solutions. Our team with proven expertise advises, designs and implements the best suited system architecture fitting the actual project needs, from data capturing to e-Document personalization and control.

Contact: Mr. Federic Vicentini E-mail: info@integralesolutions.com
Website: www.integralesolutions.com

SPONSORS AND EXHIBITORS

Fourth Floor
Booth No. 32

AUSTRIAN STATE PRINTING HOUSE GMBH

OeSD is a modern and innovative Austrian company engaged in developing and printing high-security documents like passports (machine readable and electronic BAC- and EAC-passports), driver's licences, ID cards, visas and stamps. As the first security printing house worldwide, OeSD was awarded the highest possible rating of "High Security Printer" by Intergraf. Customers on four continents trust the high security standard of products made by OeSD. The combination of electronic and printed security features offers forgery protection on multiple levels and OeSD implements additional customer requirements related to personalisation, data management and secure document issuance.

Contact: Mr. Wolfgang Rosenkranz Email:Rosenkranz@staatsdruckerei.at
Website: www.staatsdruckerei.at

Fifth Floor
Booth No. 45

BG INGÉNIERIE

BG Ingénierie provides ICAO e-passport durability testing equipment as well as card manufacturing, card and e-passport testing equipment.

We are also specialised in providing specific equipment following customer demands (dual interface card production, vision inspection, etc.).

Contact: Mr Joël Besnier E-mail: besnier.joel@bginge.com
Website: www.bginge.com

SPONSORS AND EXHIBITORS

BUNDESDRUCKEREI

Fourth Floor
Booth Nos.
25 and 26

BUNDESDRUCKEREI GMBH

GOLD SPONSOR

Berlin-based Bundesdruckerei GmbH is one of the world's leading companies engaged in the development and supply of systems solutions for secure identification applications. In addition to full-scale passport and ID-card systems, the company provides national and international customers with ID documents, high-security cards, document verification hardware, security software along with trust center services. Bundesdruckerei also produces banknotes, postage and revenue stamps as well as electronic publications. With its subsidiaries BIS Bundesdruckerei International Services GmbH, D-TRUST GmbH, Maurer Electronics GmbH and iNCO Sp. z o.o. the Bundesdruckerei Group employs a staff of around 1,900 worldwide and generated revenue of EUR 314 million in the 2009 financial year. Bundesdruckerei is one of the founding members of the Fraunhofer innovation cluster "Secure Identity Berlin-Brandenburg" and also endows the "Secure Identity" chair at Freie Universität Berlin.

Contact: Ms. Sabine Düfer E-mail: info@bundesdruckerei.de
Website: www.bundesdruckerei.de

CANADIAN BANK NOTE COMPANY, LIMITED

Fourth Floor
Booth No. 6

CANADIAN BANK NOTE COMPANY, LIMITED

BRONZE SPONSOR

More than 80 nations have engaged Canadian Bank Note (CBN) as their partner for:

- Travel Documents
- National ID Solutions
- Driver Licences
- Civil Registry Documents
- Secure Document Issuing Systems
- Border Management Systems
- Travel Document Readers
- Biometric Verification systems

Through a consultative approach, we develop and deliver tailored solutions that address the unique challenges encountered by our customers.

Contact: Mr. Dwight MacManus E-mail:dmacmanu@cbnco.com
Website: www.cbnco.com

SPONSORS AND EXHIBITORS

CardLogix

Atrium
Booth No. 57

CARDLOGIX CORPORATION

CardLogix protects Digital Identity with smart cards and software for the powerful, portable, and secure transaction of data and value. CardLogix smart cards make a critical difference in National Identity, ePassports, Healthcare, Transportation and other programs making thousands of everyday transactions safer. Every level of smart card security is an integral part of CardLogix technology, from advanced cryptography to secure printing options. Products include smart cards, smart card Operating Systems, Development Kits, Middleware, Applications and a wide range of companion products from partner companies. CardLogix features a portfolio of partner companies and solutions to make a comprehensive MRTD system a reality.

Contact: Mr. Bruce Ross E-mail: 2brucer@cardlogix.com
Website: www.cardlogix.com

CROSSMATCH TECHNOLOGIES

Fifth Floor
Booth No. 40

CROSS MATCH TECHNOLOGIES GMBH

Cross Match Technologies is a leading global provider of biometric identity management systems, applications and enabling technologies to governments, law enforcement agencies and businesses around the world.

Biometric technologies are used to capture and process the unique physical characteristics of individuals to establish and verify their identities. Cross Match's identity management solutions are used in a variety of security and surveillance programmes as a means for protecting people, property and privacy.
Distinctive biometric multimodal offerings include fingerprint, palm and full-hand scanners, facial recognition systems, biometric software, iris scanning technology, document readers and related services.

Contact: MrS. Anja Kraur E-mail: international-sales@crossmatch.com
Website: www.crossmatch.com

SPONSORS AND EXHIBITORS

DatacardGroup

Fourth Floor
Booth No. 10

DATACARD GROUP

Higher Security. Greater Efficiency. Lower Risk.

Datacard Group solves complex identity issues for governments worldwide. We combine a deep understanding of industry best practices and standards with our secure identity solutions which include best-in-class personalization, identity management software, supplies and service to deliver highly secure identity documents. In collaboration with integrator partners and governments, we help plan and implement identification programs that improve security, maximize efficiency and help reduce risk for governments.

Governments in more than 90 countries have trusted Datacard solutions for over 325 programs, including national IDs, travel documents, driver's licenses, healthcare and e-government applications.

Contact: Mrs. Mary Olson E-mail: Mary_olson@datacard.com
Website: www.datacard.com/government

DeLaRue

Fourth Floor
Booth Nos.
4 and 5

DE LA RUE IDENTITY SYSTEMS

GOLD SPONSOR

De La Rue Identity Systems is a world expert in the delivery and management of secure government identity programmes, systems and solutions. A reliable and trusted partner of governments worldwide, Identity Systems has implemented over 100 projects in 65 countries focussing on the provision of passport, ePassport, national ID and eID, driving licence and voter registration schemes.

Contact: Mrs. Claire Burrows Email:Claire.c.burrows@uk.delarue.com
Website: www.delarue.com

SPONSORS AND EXHIBITORS

DERMALOG

Third Floor Landing Booth No. 51

DERMALOG IDENTIFICATION SYSTEMS GMBH

Manufacturer of single/ten print fingerprint scanners with fake finger detection. Biometric identification (1:n) and verification (1:1) of fingerprints in large-scale databases (AFIS). Border control systems. Mobile biometric identification.

Contact: Mr. Oliver Jahnke E-mail: oj@dermalog.com
Website: www.dermalog.com

DESKO

Third Floor Landing Booth No. 50

DESKO GMBH

DESKO has designed and manufactured hardware and software solutions for automated data entry for more than 20 years.

DESKO´s passport and document readers offer a full range from cost-effective MPR 7100 OCR/MSR swipe reader to high-end FP 500 full page and HP 500 half page scan technology including all ICAO requirements for security and passenger solutions. All DESKO passport readers are available with a biometric RFID reader to meet future requirements for e-passport applications at security points and passenger services. Additional features include reading magnetic cards, smart cards and NFC.

Contact: Mr Nigel Ball E-mail: info@desko.de
Website: www.desko.com

SPONSORS AND EXHIBITORS

digital identification solutions

Fourth Floor
Booth Nos.
14 and 15

DILETTA ID-SYSTEMS

Fourth Floor
Booth No. 33

DIGITAL IDENTIFICATION SOLUTIONS GROUP

GOLD SPONSOR

The Digital Identification Solutions Group (DISO) provides turn-key solutions and components for secure digital identification systems under the brand names EDIsecure® and IDExpert®.

Headquartered in Stuttgart, Germany, the company operates subsidiaries in Dubai (UAE), Singapore, South-Carolina (U.S.), Beijing (China) and Querétaro (Mexico). A highly specialised software-development and software-integration company, vps ID Systems, Germany, is part of the group.

To create an individual solution, we offer a broad selection of printers for ID cards, ICAO compliant ePassports and Visas, laminators, a Laser Engraving System, various encoding options, user-friendly ID management software, capture modules for biometric enrollment as well as an unmatched cardware portfolio.

Contact: Mr. Gerd Schaefer E-mail: schaefer@digital-identification.com
Website: www.digital-identification.com

DILETTA ID-Systems

For more than five decades DILETTA has been engaged in producing identity products and security systems for governments and other national institutions. DILETTA offers complete systems for centralised and decentralised personalisation of high security travel documents which support all safety criteria, contactless chip technology and machine readable features.

With over 30,000 installations in more than 100 countries we have gathered an amazing expertise and ample experience. Through this worldwide experience DILETTA is adequately equipped to meet your every requirement.

Your competent partner for machine readable passports and e-passports.

Contact: Mr. Udo Nikolai E-mail: udo.nokolai@diletta.com
Website: www.diletta.com

SPONSORS AND EXHIBITORS

EDAPS CONSORTIUM

Atrium Booth No. 16 and 17

EDAPS Consortium

PLATIUM SPONSOR

The EDAPS Consortium is a global leader in the security printing industry that manufactures identification documents and creates information systems.

Products

- Electronic (biometric) passports.
- Passports.
- National population registers.
- National identification cards.

Services

- System integration.
- Consulting and project management.
- Consulting and providing expert knowledge:
  - in the collection and processing of personal data and implementing automated information systems for manufacturing and issuing identification documents;
  - for establishing infrastructure to manufacture holographic security elements and document blanks for paper and plastic documents.
  - Manufacture and personalization of documents.

Contact: Mrs. Nataliia Kochubei E-mail: edaps@edaps.biz
Website: www.edaps.biz

EMPEROR

Fifth Floor Booth No. 43

EMPEROR TECHNOLOGY

Established in 1995, Emperor is professional in the development, manufacture and system service of e-Payment, Secure ID and card personalisation, ACC equipment and system service.

With leading expertise, rich industry experiences, good reputation, strong comprehensive strength, Emperor provides the most cost-effective products, the most suitable overall solution and the most satisfying service. Also, Emperor will be your most reliable cooperation partner.

Contact: Mr. Sean Zheng E-mail: sales@xiongdi.cn
Website: www.xiongdi.cn

SPONSORS AND EXHIBITORS

Entrust
Securing Digital Identities & Information

Fourth Floor Booth Nos. 1 and 2

ENTRUST Inc.

PLATIUM SPONSOR

Entrust is the leader in identity-based security, delivering security, trust and value. Trusted by more than 40 countries worldwide for citizen eID solutions, Entrust provides governments and enterprises with the trust foundation that unlocks the value of citizen authentication efforts. Entrust delivers scalable, flexible and affordable solutions for both credential issuance and validation. With best-of-breed ePassport PKI covering both BAC and EAC, Entrust enables countries to evolve their ePassport plans on their own timetable.

Contact: Mr. Craig Delmage E-mail: craig.delmage@entrust.com
Website: www.entrust.com

foster+freeman

Fourth Floor Booth No. 24

FOSTER & FREEMAN USA

BRONZE SPONSOR

Foster & Freeman manufacture a comprehensive range of instrumentation for examining documents. Video Spectral Comparators, or VSCs, have been used for over thirty years by forensic labs, immigration, customs and similar organizations.

Custom hardware and software enable the systems to quickly verify security features, reveal alterations and detect counterfeit documents.

A variety of user-friendly designs offer solutions for rapid inspections at border crossings or more in-depth examinations in the laboratory.

Contact: Mr. David Tobin E-mail: usoffice@fosterfreeman.com
Website: www.fosterfreeman.com

SPONSORS AND EXHIBITORS

gemalto
security to be free

Atrium
Booth Nos.
53 and 54

GEMALTO

SILVER SPONSOR

Gemalto is the world leader in digital security with 2009 annual revenues of €1.68 billion, and 10,000 employees operating out of 75 offices, research and service centers in 40 countries.

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 50 government programs worldwide.

Gemalto is contributing to more than 20 ePassport initiatives, over 15 eID national programs and is active in all major eHealthcare schemes and numerous e-driving license, vehicle registration and tachograph projects.

Contact: Mr. Eric Billiaert E-mail: Eric.billiaert@gemalto.com
Website: www.gemalto.com

GET GROUP

Fourth Floor
Booth No. 9

GLOBAL ENTERPRISE TECHNOLOGIES CORPORATION

BRONZE SPONSOR

For more than two decades, GET Group has been a world leader in passport and ID issuing solutions, providing state-of-the-art systems utilizing the world's most advanced Toppan digital printers, exclusively provided by GET Group. Governments worldwide are proudly using our systems to issue highly secure passport and ID documents, for both small and large, and centralized and decentralized projects. With a strong international presence, extraordinary resources, and extensive experience, GET Group is well positioned to meet the needs of all clients. GET. Into the future.

Contact: Mr. Rida Baalbaki E-mail: rbaalbaki@getgroup.com
Website: www.getgroup.com

SPONSORS AND EXHIBITORS

HID

Fourth Floor
Booth No. 21

HID GLOBAL

SILVER SPONSOR

HID Global is the trusted source for secure identity solutions for governments worldwide for secure ID document projects. HID is the supplier of choice for OEMs, system integrators and governments providing secure contactless prelaminates, personalization equipment and support for e-passports and e-ID documents. HID is a contactless technology reader innovator and provides antenna design, reader modules or customized readers, software and integration support. Headquartered in Irvine, California, HID Global has over 1,500 employees worldwide and operates international offices that support more than 100 countries. HID Global is an ASSA ABLOY Group brand.

Contact: Mr. Maik Pogoda E-mail: mpogoda@hidglobal.com
Website: www.hidglobal.com

HOLLISTON

Atrium
Booth No. 59

HOLLISTON LLC

Holliston LLC is the world's most trusted manufacturer of premium passport and government security cover materials. Our diverse product portfolio is specified by the United Sates Government and more then 54 countries to meet their diverse, and demanding, identification requirements.

We remain at innovation's forefront. Our century-long expertise in tamper proof constructions, secure coatings, and hard-to-replicate embossing is now augmented by the very latest cutting-edge technologies in multiple UV overprints and RFID compatibility.

Contact: Mr. William Waldron E-mail:bwaldron@holliston.com
Website: www.icgholliston.com

SPONSORS AND EXHIBITORS

HOLOGRAM INDUSTRIES

Fourth Floor
Booth No. 22

HOLOGRAM INDUSTRIES

Hologram Industries is a Global Leader in security devices and systems offering an extensive range of innovative solutions to guarantee fiduciary, identity and travel document security, to authenticate, track and trace global brands.

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

Hologram Industries offers OPTOSEAL®, a full range of high security laminate and patch for passport, visa and cards applications on paper, PVC and polycarbonate.

Contact: Mrs. Corinne Murcia Giudicelli E-mail: c.murcia@hologram-industries.com
Website: www.hologram-industries.com

iai industrial systems

Fourth Floor
Booth No. 31

IAI INDUSTRIAL SYSTEMS B.V.

IAI industrial systems is a supplier of advanced production systems to the security printing industry. IAI specialises in laser and optical technology and has all disciplines in house for the design, manufacturing, installation and service of its systems. Different systems are available for the high speed optical and electronical personalisation of e-passports and e-ID cards. Functionalities include the programming of the contact(less) chip, laser engraving, inkjet printing, lamination, application of the high level security feature ImagePerf, laser perforation of the passport number and verification of all applied data. Please visit booth No. 31 for more information.

Contact: Mr. Will Hospel E-mail: info@iai.nl
Website: www.iai.nl

SPONSORS AND EXHIBITORS

ID • academy

Fifth Floor
Booth No. 34

ID ACADEMY

Ensuring that personnel have the necessary knowledge and skills it is crucial to building a secure and trustworthy identity infrastructure. That is why IDManagement Centre has established ID.academy, an internationally-oriented school that designs and delivers customized training programs in the identity domain.

Identity management requires a basic knowledge of identity-related subjects and analytical skills to make the right decisions. Therefore, ID.academy applies on the job training, which means that training is embedded as much as possible in the actual work. The result is having the right knowledge in the right place so that the right decision can be made.

Contact: Mr. Fons Knopjes E-mail: info@IDacademy.nl
Website: www.IDacademy.nl

Innovation in Motion

Atrium
Booth No. 58

INNOVATION IN MOTION INC.

Handheld System for Identity Control - Integrated biometric and demographic solution for MRTD as well as other Government issued credential processing. The solution incorporates our patented unique multi-functional handheld intelligent accessory (HDR - Handheld Document Reader) that functions in conjunction with any Smartphone or mobile/portable computing device via a secure Bluetooth connection.

Contact: Mr. Thomas R. Szoke Email: thomas.szoke@innovationinmotion.us
Website: www.innovationinmotion.us

SPONSORS AND EXHIBITORS

Lower Atrium
Booth No. 62

INTERNATIONAL SECURITY TECHNOLOGY INC.

International Security Technology Ltd. (IST) is an equipment manufacturer, an R&D company for end-to-end identification solutions as well as a professional service provider which specialises in personal information enrolment, personalised eID production, automated identification document management and automated border control. Aiming at pursuing “Innovation, services, trustworthiness”, IST's pride is based on a very simple premise: providing high-quality products and technologies for global customers, meanwhile, according to customers' requirements, providing systematic and personalised security solutions, system integration, consultation, project management as well as training services.

Contact: Mr. Raymond W.M. Wong E-mail: Sales@ISTeID.com
Website: www.ISTeID.com

IRIS CORPORATION BERHAD

BRONZE SPONSOR

Founded in 1994, IRIS Corporation Berhad (MESDAQ: IRIS) is a MSC-status technology innovator and leading provider of solutions and advancements for trusted identity (electronic identity documents), transportation, logistics, business communication, environmental and food security for public and private sectors. Headquartered in Kuala Lumpur, Malaysia, IRIS invents, innovates, improves and integrates technology to create solutions for everyday life in an ever changing world.

Contact: Ms. Connie Yee E-mail: connie@iris.com.my
Website: www.iris.com.my

SPONSORS AND EXHIBITORS

KEESING FIGHT FRAUD
Reference Systems

Fifth Floor
Booth No. 38

KEESING REFERENCE SYSTEMS

Keesing Reference Systems (1923) is a specialist provider of solutions for the verification of ID documents. For over 80 years organisations around the world have benefited from our expertise and verification solutions. Keesing's objective is to help any organisation combat fraud involving counterfeit ID documents. To this end, we offer a variety of online verification solutions, reference manuals and databases. Products that allow you to verify all ID documents currently in circulation. Quickly and accurately.

Our easy-to-use solutions are powered by a unique reference database, which contains detailed descriptions and high-resolution images of more than 2,100 ID documents from over 190 countries.

Contact: Ms. Jacqueline van den Top E-mail: j.v.d.top@keesing.nl
Website: www.keesingfightfraud.com

KEIT LTD

Fifth Floor
Booth No. 48

KEIT LTD.

KEIT is a Bulgarian company focusing its activities for more than fifteen years on developing technologies and solutions for protection of documents, banknotes, ID cards and any other kind of securities and goods against counterfeit. The company is a holder of several international patents for multimedia multistage encrypted markings with Laser perforation and material code.

Contact: Mr. Jivko Jelev E-mail: info@keit.bg
Website: www.keitbg.com

SPONSORS AND EXHIBITORS

KUGLER-WOMAKO

Third Floor Landing Booth No. 52

KUGLER-WOMAKO GMBH

Kugler-Womako is the leading expert in manufacturing passport finishing machinery and offers a flexible range of machinery for all layouts of passports. The passport machine system Kugler-Womako PassPort 1-4, offers custom-tailored solutions, including RFID e-passports storing biometric data, high capacity interlock stitching and new cover and chip inlay lamination techniques. We also upgrade existing machines. Made in Germany, Kugler-Womako machines are known for precision and durability. Our company is known for excellent customer service with support locations worldwide.

Contact: Mr. Claus Fischer E-mail: claus.fischer@kw.kpl.net
Website: www.kw.kpl.net

L-1 IDENTITY SOLUTIONS

Fourth Floor Booth Nos. 29 and 30

L-1 IDENTITY SOLUTIONS

GOLD SPONSOR

L-1 Identity Solutions, Inc. is the trusted provider of technology, products, systems, solutions and services that protect and secure personal identities and assets. We remain at the forefront of technology innovation through strong organic growth and strategic acquisitions. Together our businesses deliver the full range of offerings required for solving complex problems associated with managing identities for world wide government agencies, law enforcement, border management, military branches and commercial businesses.

Contact: Mr. John Bleuer E-mail: scdinfo@L1id.com
Website: www.l1id.com

SPONSORS AND EXHIBITORS

LaserCard

Fourth Floor
Booth No. 28

LASERCARD CORPORATION

Best Technologies, Optimized Combinations.

In partnership with our clients, LaserCard designs and manufactures credentials that are tailored to specific program needs. Identification credentials are increasingly used to meet multiple purposes and functions: LaserCard responds to this challenge by applying a modular approach, integrating a customized combination of technologies. Credentialing technologies include optical security media, microprocessor chips, RFID tags, biometrics and other security features, depending on the risk profile and application requirements. Our solutions enable governments to protect citizens, borders, and services, and help commercial enterprises to safeguard employees and assets.

Contact: Mrs. Monica Nascimento E-mail: mnascimento@lasercard.com
Website: www.lasercard.com

MASKTECH

Fifth Floor
Booth No. 37

MASKTECH GMBH

Masktech is the leading independent supplier for the highest security embedded chipsets and related middleware. Our portfolio includes generic and customised mask solutions for state-of-the-art contactless and contact based cryptographic chipsets and related security support.

MTCOS MaskTech Chip Operating System is a high performance and high security operating system, especially designed for secure semiconductors with powerful crypto co-processor and RFID, dual interface or contact interface. MTCOS is fully compliant to ICAO)Doc. 9303, BAC, AA(and EAC specifications. It is used in more than 20 ePassport projects, as well as for national/ID, eHealth, eResidencePermit, eDrivingLicense and other human identification applications. MTCOS is an ISO/7816 multi-application operating system and certified according to CC EAL4+ on various semiconductors.

MaskTech offers chip designs, embedded ROM masked products, security middleware and certification services focused on human credential applications.

Contact: Mr. Hans Hanauer E-mail:hhanauer@masktech.com
Website: www.masktech.de

SPONSORS AND EXHIBITORS

SAFRAN Morpho

Fourth Floor
Booth Nos. 18 and 19

MORPHO

PLATIUM SPONSOR

Morpho brings you the most innovative, complete solutions for high-end biometric passports, ID Cards and the full range of related services.

Morpho keeps launching innovative and secure solutions, such as the recent 3D Photo ID. We provide you with a fully compliant, durable and highly secure passport. Our services comprise enrolment and issuance solutions, graphical and chip personalisation of ID documents, data management and distribution.

As a market leader, Morpho has already issued more than 35 million passports with a polycarbonate datapage with an embedded chip and antenna. The Netherlands, Switzerland, Ireland, Finland, Croatia, Slovakia and Albania have already chosen our passport solution and services.

Contact: Mr. Jacques van Zijp E-mail: ID-documents.Sales@morpho.com
Website: www.morpho.com

Mühlbauer
High Tech International

Atrium
Booth No. 56

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 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 clients 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 Mühlbauer for complex projects in the security sectors of ID cards and ePassports.

Contact: Mr. Christian Spiegl E-mail: christian.spiegl@muhlbauer.com
Website: www.muhlbauer.com

SPONSORS AND EXHIBITORS

Fourth Floor
Booth No. 8

NXP SEMICONDUCTORS

SILVER SPONSOR

NXP Semiconductors provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications. NXP is the world's leader in the design and manufacturing of ICs powering secure smart cards, electronic identification documents and the corresponding reader components. NXP's secure contactless technology is used in eGovernment, access management, banking, loyalty programs, ticketing and public transport.

Contact: Mr. James B. Sheire E-mail: James.sheire@nxp.com
Website: www.nxp.com

Fifth Floor
Booth No. 39

OBERTHUR TECHNOLOGIES

With more than 50 government references, Oberthur Technologies is positioned in a fast-growing identity market driven by the increasing needs of governments for security and the switch to electronic identity documents.

Combining the best of breed technologies in terms of security printing and digital security, Oberthur Technologies is a leader in manufacturing and issuance systems for secure documents such as passports, identity cards, driving licences, health care cards traditional and electronic for both the government and corporate sectors.

- Access to high secure printing technologies available only to established banknote printers;
- Digital identity key technologies and products;
- Issuance services expertise: smartcards, passports, etc.

Contact: Ms. Aude Keroué E-mail: a.keroue@@oberthur.com
Website: www.oberthur.com

SPONSORS AND EXHIBITORS

Otto Künnecke

Fifth Floor
Booth No. 44

OTTO KUNNECKE GMBH

Otto Künnecke delivers intelligent machine solutions for secure handling of high-security documents like passports, ID- and bank-cards, PINs, etc. These security documents can be personalised, verified, grouped, packaged and mailed on the machines of Otto Künnecke. More than 20 ID projects worldwide were successfully installed for banks, service bureaus and governmental institutions. For example, the new Korean passport, the passport in Austria, the ID card in Iran, the driver´s license in the United States, etc.

Contact: Mr. Ronald Duee E-mail: koester@kuennecke.com
Website: www.kuennecke.com

KINEGRAM

Fifth Floor
Booth No. 36

OVD KINEGRAM AG

OVD Kinegram is an innovative, global leader in the supply of advanced Optically Variable Devices (OVDs) to protect government documents and banknotes. More than 90 countries have placed their trust in the KINEGRAM® security device to protect their high security documents.
OVD Kinegram is a Swiss company and a member of the KURZ Group, headquartered in Germany.
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 your 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.

Contact: Mr. John A. Peters E-mail: John.peters@kinegram.com
Website: www.kinegram.com

SPONSORS AND EXHIBITORS

Panasonic

Third Floor Landing Booth No. 49

PANASONIC

Panasonic is a world leader in the following securtiy systems:

ePassport (eMRP) Readers
Handheld Computers/Mobile Printers
Security Cameras
Iris Recognition
Notebook PC (TOUGHBOOK)

And more …

Contact: Mr. Junichi Sakaki E-mail: Sakaki.junichi@jp.panasonic.com
Website: www.panasonic.net/products/terminal/

Regula forensic science systems

Fourth Floor Booth No. 3

REGULA LTD.

Provider of passport readers, document examination equipment and reference databases of travel documents.

Contact: Mr. Nikita Kolesnev E-mail:regula@regula.lv
Website: www.regulaforensics.com

SPONSORS AND EXHIBITORS

Fourth Floor
Booth No. 11

ROGUE DNA INC.

Vancouver-based Rogue DNA develops complete Border Control solutions including ePassport scanners; passport, visa, and entry/exit stamp printers; eGates; kiosks; and biometrics including face, fingerprint and iris recognition.

The combination of human biometrics with Rogue DNA's Material Biometric document authenticating technology provides the highest possible confirmation that an individual is who they claim to be. Material Biometrics confirms that the credential is the unmodified original, while the human biometric confirms that the person presenting the credential is the person to whom it was originally issued.

The combination of human and material biometrics is unbeatable! See it demonstrated at booth No. 11

Contact: Mr. Iain Drummond E-mail: iain.drummond@rogueDNA.com
Website: www.rogueDNA.com

Fifth Floor
Booth No. 42

RUHLAMAT GMBH

Ruhlamat exclusive machine provider with years of experience for innovative and customized *e*Passport turnkey solutions. Unique modular ruhlamat *e*Passport machine solutions covers all process steps, from *e*-cover to personalization of the documents, without any 3rd party involvement.

Our innovative approach adds new security features, such as the Perflex™ Perforation, to easy identify the validity of documents. ruhlamat's ePassport personalization system is an industry innovation, combining quality, speed and secure gentle handling at the highest level unrivalled in the market. Precision, new innovative technologies and security is the basis for our performance and success of our satisfied customers.

ruhlamat solutions for your needs!

Contact: Mrs. Mariett Killian E-mail: m.killian@ruhlamat.de
Website: www.ruhlamat.com

SPONSORS AND EXHIBITORS

SAFE ID SOLUTIONS
we secure identities!

Fourth Floor
Booth No. 7

SAFE ID SOLUTIONS A.G.

BRONZE SPONSOR

SAFE ID offers technologies and solutions for managing the entire Identity Flow from data enrolment to production of ID documents all the way to verifying and ensuring identities. The company covers four market segments comprehensively: National Security, Public Security, Corporate Security and Citizen Services. Founded in 2004, SAFE ID has now successfully implemented over 30 projects in more than 20 countries. The company's headquarters are in Unterhaching, Germany (Munich metropolitan area); further branch offices are in Cairo, Dubai and Singapore.

Contact: Ms. Katja Sommerfeld E-mail: Katja.Sommerfeld@safe-id.de
Website: www.safe-id.de

SPEED IDENTITY

Fourth Floor
Booth No. 20

SPEED IDENTITY AB

Speed Identity is the world's leading manufacturer and supplier of secure and efficient solutions for live enrolment. Its method to capture biometric data in digital form for electronic passports and IDs is used all over the world.

Today Speed Identity has systems that capture and process face recognition, signatures, fingerprints and iris recognition. All of the Speed Identity systems support the ICAO standards.

The Speed Identity technology solution is patented (EC Design Reg. No. 000592860). With its knowledge about the markets requirement and demands no matter if the application is for ID or travelling documents Speed Identity is a safe supplier of market leading biometric solutions for data capture to public authorities and companies.

The installation base of the company consists of sites in more than 100 countries all over the world

Contact: Mr. Claes Bohm E-mail:claes.bohm@speed-identity.com
Website: www.speed-identity.com

SPONSORS AND EXHIBITORS

TOSHIBA

Lower Atrium
Booth Nos.
63 and 64

TOSHIBA CORPORATION

Toshiba Corporation supplies an ePassport printer and a Chip inlay for ePassport booklets.

The ePassport printer has the function of personalisation (indirect thermal transfer printing with high secured laminate film). Chip encoding is a quality assurance function which is fully automated and most appropriate for large and small issuing sites.

Toshiba also has a newly developed ePassport chip inlay with high reliability.

Contact: Mr. Seiji Kubota E-mail: Seiji3.kubota@toshiba.co.jp
Website: www3.toshiba.co.jp/snis/ovs/scd/idsys/id.htm

TRÜB SWITZERLAND

Fourth Floor
Booth No. 27

TRÜB AG

The Trüb Group, Switzerland, is a national and international leader in the production and personalization of national identity documents such as ID cards, driving licenses and data pages for passports as well as bank, customer loyalty and access cards.

The company was founded in 1859 and has developed in recent years into a worldwide leader in the field of high quality identity solutions.

Switzerland, UK, Czech Republic, Croatia, Poland, Estonia, South Africa and Hong Kong are among the company's clientele which extends to more than 30 countries on four continents.

Contact: Dr. Urs Fawer E-mail: info@trueb.ch
Website: www.truebh.ch

SPONSORS AND EXHIBITORS

U-NICA SECURITY AG

Fifth Floor
Booth No. 35

U-NICA Security AG is a part of the U-NICA Group. Its focus is targeted directly to the high-security market. Its innovative security solutions can be applied to passports, ID cards, driver's licenses, birth certificates up to bank notes. The systematic linkup of document authentication with identification of the document holder is absolutely vital to us. The origins of all technologies offered are in the sectors of micro, nano, bio, encryption and imaging technologies. U-NICA stands for uniqueness, discretion, reliability and the great professional competency of all its specialists.

Contact: Mr. Robert von Arx E-mail: robert.vonarx@u-nica.com
Website: www.u-nica.com

VISION-BOX, S.A.

Fifth Floor
Booth No. 47

Vision-Box develops and manufactures solutions for two major segments in the world wide security market, namely intelligent digital video and danger management solutions and electronic identity solutions based on live biometric enrolment stations and automated border clearance gates. A leading team of international specialists with rewarded patents in various IT sectors, proceeding from international research institutions and the industry, accumulates more than 30 years of expertise and recognised competence in biometrics, digital image processing, computer vision and telecommunication technologies.

Contact: Mr. Miguel Leitmann E-mail: sofia.santiago@vision-box.com
Website: www.vision-box.com

SPONSORS AND EXHIBITORS

VLATACOM

Fourth Floor
Booth Nos.
12 and 13

VLATACOM LTD.

PLATIUM SPONSOR

Vlatacom is a system integrator and turn-key solution provider for:
- Production of biometric ID and travel documents (centralized and decentralized systems);
- E-government services (web portals and related services, remote voting, remote work, etc.);
- PKI infrastructure (Certification Authorities, services based on the digital signature);
- Passenger facilitation solutions (at airports, border posts, etc.);
- AFIS systems (Automatic Fingerprint Identification System);
- Acquisition of biometric and demographic data from citizens and passengers;
- Biometric verification of identity (document readers, e-kiosks, e-gates, etc.);
- Physical access and time attendance system;
- Urban traffic control.

Contact: Mr. Toma Nikolic E-mail:toma@vlatacom.com
Website: www.vlatacom.com

WORLDREACH software

Fifth Floor
Booth No. 41

WORLDREACH SOFTWARE

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 ETDs, Overseas Passport Issuance, Electronic Immigration Clearance, and Visa including Biometric Capture.

WorldReach es un proveedor de soluciones completas de software para servicios consulares tales como manejo de casos, gestión de crisis, registro de viajeros y emisión de documentos de viaje en el extranjero. Proveemos soluciones para ETDs, Emisión de Pasaportes en el extranjero, Autorización Electrónica de Inmigración, y Visa, incluyendo Captura Biométrica.

Contact: Mr. Mark Stoochnoff E-mail:mark.stoochnoff@worldreach.co
Website: www.worldreach.com

MEDIA PARTNERS

ACUITY MARKET INTELLIGENCE
www.acuity-mi.com

AERLINES MAGAZINE
www.aerlinesmagazine.com

AIR TRANSPORT NEWS
www.airtransportnews.aero

AVISIAN Publishing
www.AVISIAN.com

BIOMETRIC DIGEST
www.biodigest.com

BIOMETRIC TECHNOLOGY TODAY
www.biometrics-today.com

BIOMETRICS MARKET INTELLIGENCE eUPDATE
www.acuity-mi.com

FINDBIOMETRICS.COM
www.findbiometrics.com

JUST4AIRLINES.COM
www.just4airlines.com

KEESING REFERENCE SYSTEMS
www.keesingfightfraud.com

SECURITY WORLD
Www.securitydocumentworld.com

WATERMARK Magazine
www.vodyanoynak.ru

SUPPORTING ORGANIZATIONS

AIRPORTS COUNCIL INTERNATIONAL (ACI)
www.aci.aero

BIOMETRICS INSTITUTE
www.biometricsinstitute.org

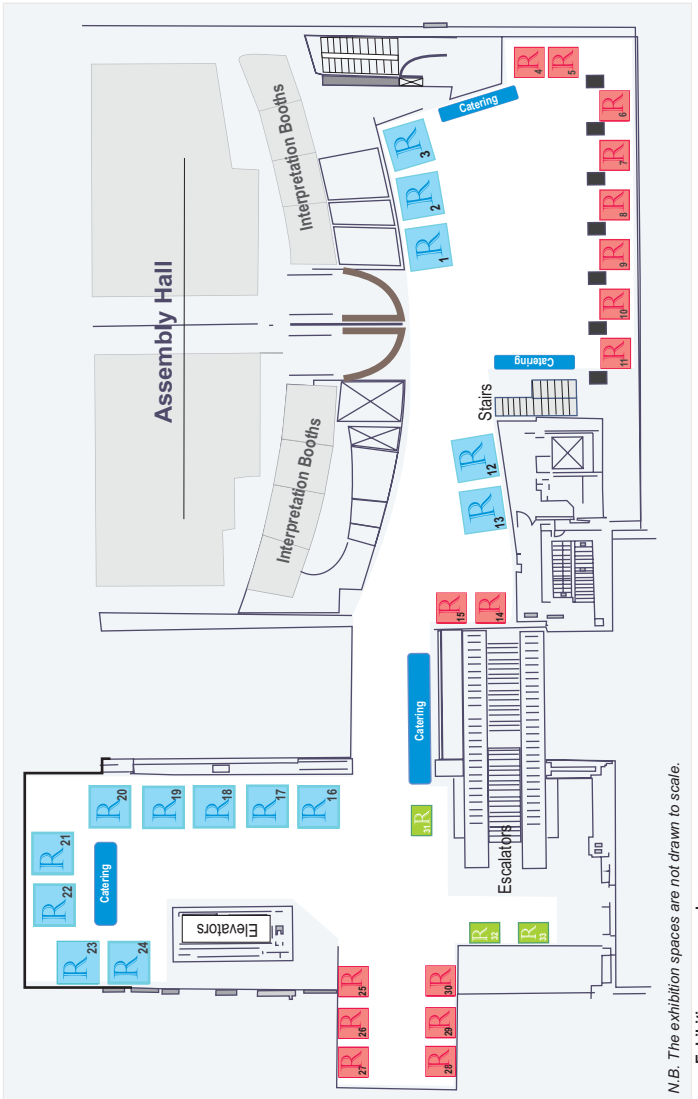
EUROPEAN BIOMETRIC FORUM (EBF)
www.eubiometricsforum.com

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)
www.iata.org

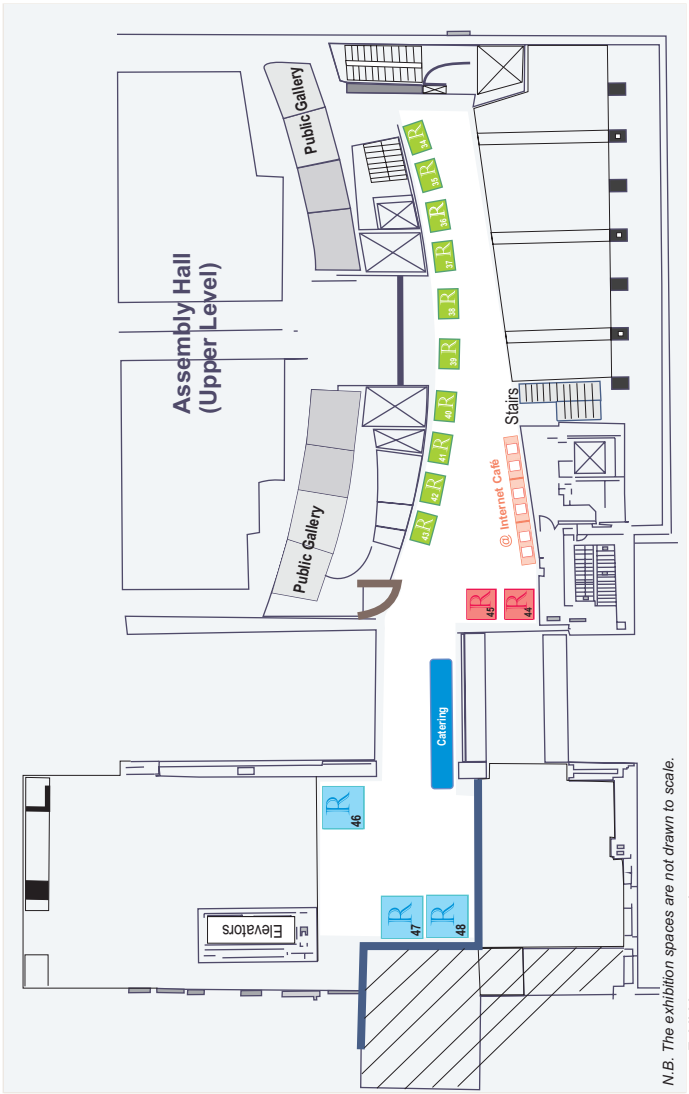
INTERNATIONAL BIOMETRIC GROUP, LLC (IBG)
www.biometricgroup.com

INTERNATIONAL BIOMETRIC INDUSTRY ASSOCIATION
www.ibia.org

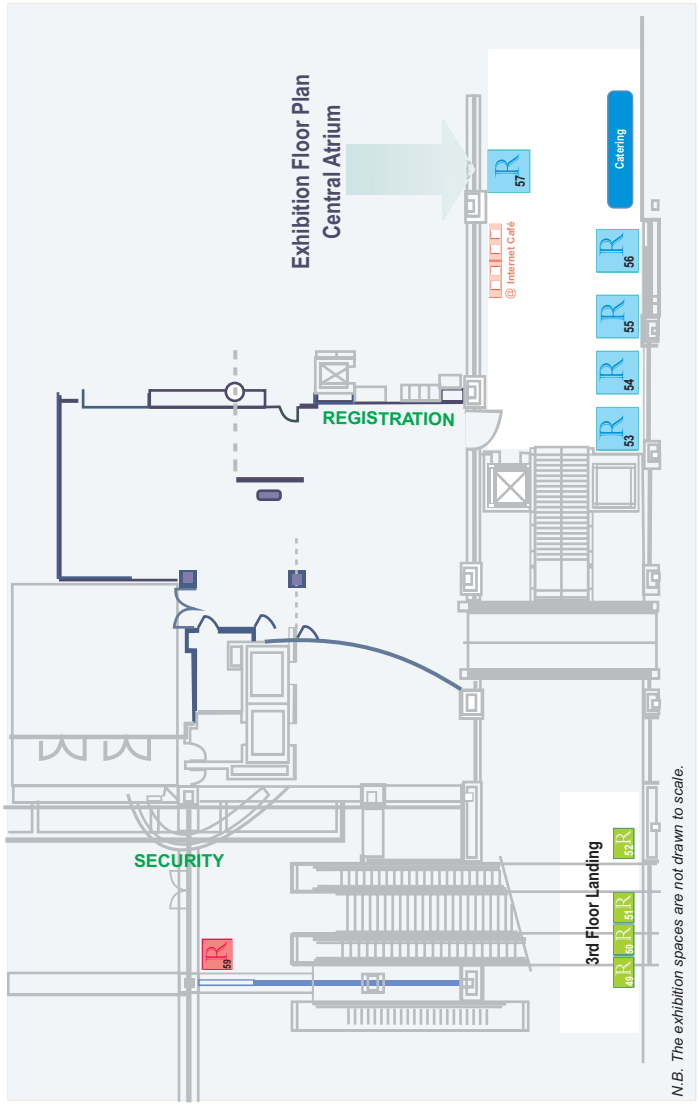
EXHIBITION FLOOR PLAN, 4TH FLOOR



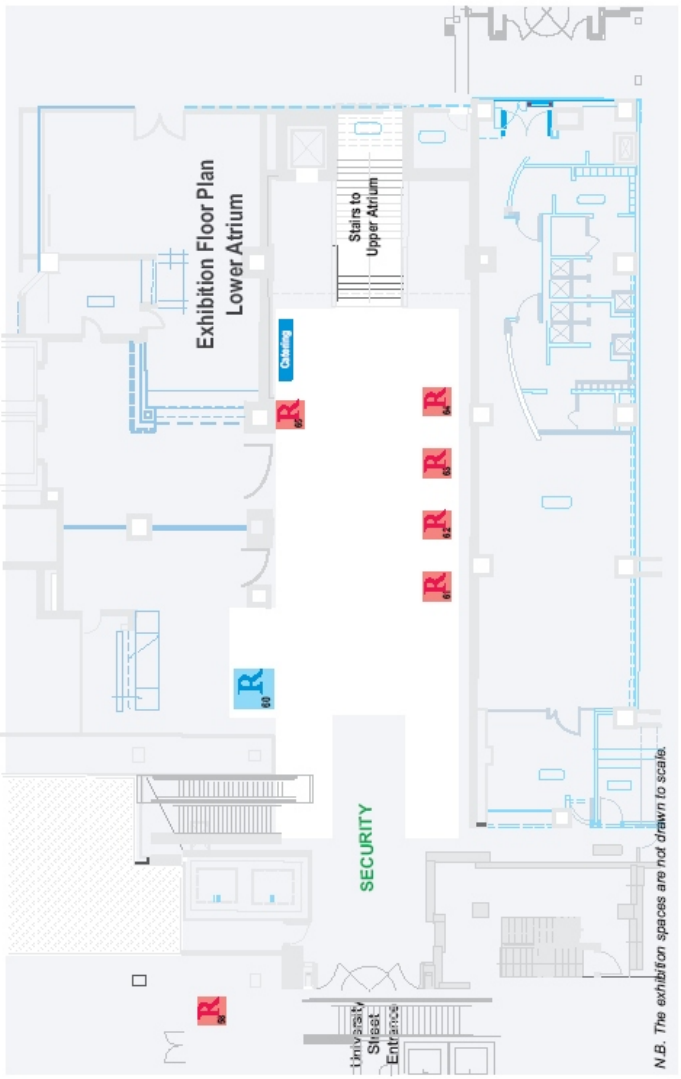
EXHIBITION FLOOR PLAN, 5TH FLOOR



EXHIBITION FLOOR PLAN, CENTRAL ATRIUM & THIRD FLOOR LANDING



EXHIBITION FLOOR PLAN, LOWER ATRIUM



LIST OF EXHIBITORS

Fourth Floor

1. Entrust, Inc.
2. Entrust, Inc.
3. Regula Ltd.
4. De La Rue Identity Systems
5. De La Rue Identity Systems
6. Canadian Bank Note Company, Limited
7. SAFE ID Solutions AG
8. NXP Semiconductors
9. Global Enterprise Technologies Corporation
10. Datacard Group
11. Rogue DNA Inc.
12. Vlatacom
13. Vlatacom
14. Digital Identification Solutions Group
15. Digital Identification Solutions Group
16. EDAPS Consortium
17. EDAPS Consortium
18. Morpho
19. Morpho
20. Speed Identity AB
21. HID Global
22. Hologram Industries
23. Arjowiggins Security - Integrale Solutions
24. Foster & Freeman USA
25. Bundesdruckerei GmbH
26. Bundesdruckerei GmbH
27. Trüb AG
28. LaserCard Corporation
29. L-1 Identity Solutions
30. L-1 Identity Solutions
31. IAI Industrial Systems B.V.
32. Austrian State Printing House (OeSD) GmbH
33. DILETTA ID-Systems

Fifth Floor

34. ID academy
35. U-NICA Security AG
36. OVD Kinegram AG
37. MaskTech GmbH
38. Keesing Reference Systems
39. Oberthur Technologies
40. Cross Match Technologies GmbH
41. WorldReach Software
42. Ruhlamat GmbH
43. Emperor Technology
44. Otto Künnecke GmbH
45. BG Ingenierie
46. Aoptix Technologies, Inc.
47. Vision-Box, S.A.
48. KEIT Ltd.

LIST EXHIBITORS

Third Floor Landing

49. Panasonic
50. DESKO GmbH
51. DERMALOG Identification Systems GmbH
52. Kugler-Womako GmbH

Atrium

53. Gemalto
54. Gemalto
55. ARH Inc.
56. Mühlbauer Inc.
57. CardLogix Corporation
58. Innovation in Motion Inc.
59. Holliston LLC

Lower Atrium

60. 3M Company
61. Abnote North America
62. International Security Technology Inc.
63. Toshiba Corporation
64. Toshiba Corporation
65. Andrews & Wykeham Ltd.

Mark your calendars
for the

Seventh Symposium
and Exhibition
on
ICAO MRTDs, Biometrics
and Security Standards
at
ICAO Headquarters
Montréal, Canada

12 - 15 September 2011

http://www2.icao.int/en/mrtd/

GENERAL INFORMATION

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 worn visibly 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.

The ICAO security pass, which is issued to each participant upon registration, will serve as the building security pass and permit access to the Conference Centre. Although special care should be taken not to lose these passes, registration personnel will provide replacements upon proper identification.

Meeting Arrangements

Presentations
Presentations will be posted on the ICAO website:
http://www.icao.int/MRTDsymposium/2010/.

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

Presentations will be given in the language submitted by the speaker.

Communication Facilities
The ICAO Assembly Hall is equipped to offer Internet connectivity from each seat through a wireless network for attendees who bring their own portable computers equipped with 802.11b/g network cards. Electrical power is available at every seat. Several radio frequency access points have been installed in the Assembly Hall, enabling participants to access Internet facilities (including the ICAO-NET website and web-based e-mail) from their seat by means of a special wireless communications card. Wireless public internet access is also available throughout the exhibition area.

Computer workstations configured with most of the Microsoft Office tools, and printers will be available on the first floor of the Conference Centre for participants who wish to access the Internet to use web-based e-mail services.

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 network is available throughout ICAO's facilities. Using the public wireless network, users with computer equipment compatible with WiFi 802.11b/g will get access to the Internet.

Below are the specifications for ICAO's public wireless network:

Protocol	802.11b/g
Speed	11 or 54 Mbps
DHCP	Yes
ESSID	Broadcasted, Intl. Civil Aviation Org. INET
Shared key	Yes
Encryption	None
Available	Conference Block, all rooms and open areas
Services Available	Public Internet access

Under normal circumstances, users of Windows 2000 and XP will not have to set any special configuration parameters. For technical assistance call 514-954-8219 (ext. 8248).

Ancillary Services Provided by ICAO

Smoking

Smoking is not permitted at ICAO Headquarters, except in the designated smoking area in the ICAO cafeteria.

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 will be on duty at that location from 0830-1630 for the duration of the event. If an emergency occurs and if the nurse cannot be reached, the Social Security and Welfare Unit, also located on the fourth floor, Room 4.35.28, telephone extension 8236 or 8237, will take appropriate action to obtain medical assistance.

Participants seeking medical attention can obtain from their hotel management the location and telephone number of a doctor in their hotel or nearby.

The closest hospital to the ICAO premises is the McGill University Health Centre, telephone 514-934-1934.

Most hospitals have an emergency service open 24 hours a day.

Ambulance service may be obtained through a doctor or Urgences-Santé, telephone 911.

Telephone Services
The ICAO general telephone number is +1 514-954-8219.

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 the four-digit extension may be dialled directly. When making a local call outside the building, "9" must be dialled 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:

National Bank of Canada
600 de la Gauchetière West
514-394-4385

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

Royal Bank of Canada
1 Place Ville-Marie
514-874-7222

TD Canada Trust
500 Saint-Jacques West (corner of McGill)
514-289-0799

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 the exact fare demanded (no change is given) or a ticket/pass. Route and fare information may be obtained by dialling 514-288-6287.

Newspapers and Magazines
Indigo Bookstore, located at 1500 McGill College Avenue, off Sainte-Catherine Street, carries a wide range of international newspapers, magazines and other publications, including street maps.

The ICAO Library subscribes to major aviation-oriented magazines and periodicals. Participants are invited to avail themselves of the ICAO Library facility located in the lobby.

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 Québec, located at the Centre Infotouriste at 1001 Square Dorchester (between Peel and Metcalfe Streets, one street south of Sainte-Catherine Street) offers tourist information for Montreal as well as for the entire province. It can be reached at 514-873-2015 every day from 09001700 or via its website: http://www.tourisme.gouv.qc.ca.

Transportation to Pierre Elliot Trudeau Airport (Dorval)
Special bus service from major downtown hotels is available from 0500 to 2300. Arrangements can be made and prices obtained through the hotel management. Taxi service is available anytime.

Enhance your visibility

The world's most trusted MRTD Web site

The **MRTD Partnership Community** is the only globally recognized Web site that can help you reach all of ICAO's Contracting States. Major industry experts in the MRTD, Border Control, Security and Facilitation field use our Web site to deliver their corporate message to key players in the MRTD community worldwide.

For more information on our comprehensive media package and marketing tools, visit us at:

www.icao.int/mrtdc

Notes

Notes

ICAO headquarters
999 University Street
Montréal, Quebec
Canada H3C 5H7