Revised, 29 August 2011

PROGRAMME AND DIRECTORY

Seventh Symposium and Exhibition on

ICAO MRTDs, Biometrics and Security Standards

12-15 September 2011

ICAO Headquarters, Montréal, Canada

Seventh Symposium and Exhibition on

ICAO MRTDs, Biometrics and Security Standards

ICAO Headquarters, Montréal, Canada

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2011 MRTD SYMPOSIUM PROGRAMME AND DIRECTORY

Registration

15:00 - 18:00	Sunday, 11 September
08:00 - 14:00	Monday, 12 September
09:00 - 12:00	Tuesday, 13 September

DAY 1 MONDAY 12 SEPTEMBER

07:30 - 09:00

Continental Breakfast
Sponsored by the **HID Global**

09:00 OPENING OF THE EXHIBITION

09:40 Solutions-Oriented Workshop

Conference Room 3. 1st Floor

Presentations *(Please note all times are approximate)*

09:40

Gemalto

Mr. Verna Heino, Marketing Manager, Travel documents, Gemalto Finland

Moving to the Third Generation of Electronic Passport

With the introduction of the ICAO Supplemental Access Control (SAC), this presentation will give an overview of how to manage the approaching SAC migration in travel documents and associated systems.

10:05

Entrust, Inc.

Mr. David Mahdi, Entrust Product Marketing Manager

Trends in ePassport Trust

Budget, time-to market and gaps in on the ground expertise are driving new models for ePassport Trust.

10:30

EDAPS Consortium

Mr. Yuriy Shostak, Deputy Chairman of the Board, Strategy and Business Development at EDAPS Consortium

Global Identity Verification and Migration Mobility: The Case of the CIS Region

The concept of GV-ID Cards (for migration applications) developed as per ICAO/MRTD requirements and migration trends in the CIS countries.

10:50-11:10

Morning Coffee/Refreshment Break

Sponsored by **HID Global**

11:10

Morpho

Mr. Joost van Roon, Designer

The Function of Design in Passports and Other ID Documents

As a country's most important document, every passport deserves special attention and the best design possible which is a major factor in the security concept.

Day 1 Monday (continued)

11:35	**IRIS Corporation Berhad** **Mr. Ronald Saade**, Chief Operating Officer **Beyond the Book...** **Compelling Issues in Search of Resolution** Where popular interest was previously on the production of an ICAO compliant electronic passport, this presentation moves on to explore other issues that have not been resolved.
12:00	**Crane Micro-Optic Solutions** **Mr. Scott Palm**, President **Micro-Optic Security Features:** **Applications to Identification Documents** Explore the unique visual effects, applications and security advantages of this emerging technology.
12:25	**Speed Identity AB** **Mr. Magnus Löfgren**, Sales and Marketing Director **Live Enrolment — Learning From the Mistakes of Others** Highlighting the pitfalls in sourcing and rolling out biometric data capturing equipment and how to avoid these pitfalls.
12:45-14:00	**Lunch** Sponsored by **3M Company**

14:00 OPENING OF THE SYMPOSIUM

Assembly Hall. 4th Floor

Ten Years Since 9/11: Lessons Learnt and Ongoing Challenges in Combating Terrorism

Moderator: Mr. Denis Chagnon, Acting Chief, Communications Office of the Secretary General, ICAO

Official Welcome: Mr. Raymond Benjamin, Secretary General, ICAO

KEYNOTE: Mr. Rand Beers, Under Secretary, Department of Homeland Security, USA

KEYNOTE: Ambassador Francisco Jose Madeira, Special Representative of the Chairperson of the Commission on Counter Terrorism Cooperation, African Union

KEYNOTE: Mrs. Folasade Odutola, Director of the Air Transport Bureau, ICAO

15:00–15:30

Afternoon Coffee/Refreshment Break

Sponsored by **DILETTA ID-Systems**

DILETTA ID-SYSTEMS

ICAO AVSEC Declaration 2010 and Beyond: the Emerging MRTD Strategy

Mr. Jim Marriott, Chief, Aviation Security Branch, ICAO

The presentation looks into the broader context of aviation security developments that have been taking place as a response to acts of unlawful interference during the recent years. It goes on to address the strategic directions and current developments of the MRTD programme, in order to consolidate its relevance to the needs and expectations of the travel document and border security community. Finally, the presentation provides a foundation for the MRTD Strategy panel that will take place on the last day of the Symposium, and frames its objectives and main items for the discussion.

Post-9/11 AVSEC Incidents: Highlighting the Need for a Comprehensive Approach

Mr. Philip Baum, Managing Director, Green Light Ltd. & Editor, Aviation Security International, UK

How have we reached a stage where shoes are routinely removed, liquids restricted, whole body imaging is a routine in certain locations and we can't take our children to visit the pilot in-flight? Philip Baum looks at the various ways in which aviation has been targeted over the past decade and the industry responses to each attack or plot. He evaluates the effectiveness of the current screening procedures, supports the concept of the Checkpoint of the Future and sets out some ideas as to how we can provide better security and facilitation based on a common sense approach to aviation security, that respond to yesterday's threats and tomorrows.

Canada's Anti-Crime and Counter-Terrorism Capacity Building Programs

Ms. Alanna Parsons, Chief Counter-Terrorism Capacity Building Program (CTCBP), Department of Foreign Affairs and International Trade Canada (DFAIT)

The presentation will initially describe both Canada's Anti-Crime and Counter-Terrorism Capacity Building Programs (ACCBP and CTCBP). It will then present recent Canadian programming in the areas of border and transportation security, including Canada's support to ICAO projects.

Intelligence-Driven Risk Management and the Benefits of a Partnership Approach at National, International and Global Level to Secure End-to-End Supply Chains for all Modes of Transport

Ms. Susanne Aigner, Deputy Director Compliance and Facilitation, World Customs Organization

The presentation will cover risk management based controls of goods, the need for relevant and correct data, thus the need for cooperation with industry and trusted trader programs, as well as the need to cooperate at national, international and global level, among the Customs but also with other agencies. It will also cover security, efficiency and resiliency of global supply chains, global standards and the need to minimize trade disruption. Finally, the speaker will touch upon integrated border management, the role Customs plays and how we address the necessary linkages to robust identity management and API/PNR.

17:00–17:15 **Lunch Sponsor's Presentation** 3M

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

17:30–19:30 **Welcome Reception**
Sponsored by **Gemalto**

DAY 2 TUESDAY

13 SEPTEMBER

07:30 – 09:00

Continental Breakfast

Sponsored by **Toshiba Corporation**

TOSHIBA

09:00

Ten Years Since 9/11: Lessons Learnt and Ongoing Challenges in Combating Terrorism

KEYNOTE: Countering Terrorism Together

Mr. Mike Smith, Executive Director, United Nations Counter-Terrorism Executive Directorate (UN CTED)

Since September 2001, we have collectively taken important steps to strengthen our laws against terrorism, to improve the control of our borders, to hinder the transfer of funds to terrorist groups, to bring terrorists to justice and to develop mechanisms to promote cooperation across borders. But terrorists adjust their tactics to our successes and we will continue to face major challenges. These can be overcome but will need much higher levels of national coordination between government agencies; greater involvement of the community in strategies to divert vulnerable individuals from paths into terrorism; and significantly deeper cooperation across borders, particularly in the legal and financial fields.

KEYNOTE: ePassport and the Security Program at Passport Canada

Ms. Christine Desloges, CEO Passport Canada

Christine Desloges will make a presentation on Passport Canada's security program. This will include several key initiatives that have strengthened the passport adjudication process and will lead to the issuance of ePassports to all Canadians in 2012.

10:00–10:30

Morning Coffee/Refreshment Break

Sponsored by **Datacard Group**

DatacardGroup

10:30

Use of Travel Documents and Data: Their Role in Combating Terrorism and Trans-Border Crime

Moderator: Mr. Barry Kefauver, ICAO TAG/MRTD expert, International Organization for Standardization (ISO), USA

Non-Compliant Travel Documents: State of Play and Implications to Border Security

Mr. Dwight MacManus, Director, Travel Applications, Canadian Bank Note Company, Ltd.

Machine-readable travel documents are designed to facilitate border inspection and database verification. Non-compliant documents may be incorrectly recognized at the border, resulting in potential security risk and create unnecessary delay. ICAO's Implementation and Capacity Building Working Group (ICBWG) monitors non-compliance issues and will present several recent examples observed on passports.

ePassport Compliance Challenges: the Border Control Perspective

Mr. David Clark, Caicos Management Associates, President, Canada

e-Passports have been very widely accepted as a new generation of secure passports and are capable of providing excellent provable identity security to states. Yet their capabilities are not necessarily understood or properly utilized at many borders, which severely limits their benefits to international security. This talk focuses on the fundamental requirements for e-Passports at borders, examines various border practices outside of full authentication, and sets out proper program objectives for border officials to realize the full potential of e-Passports for their national security.

Challenges to the Immigration Control in 21st Century

Mr. Charles Stevens, Former Head of the UK National Document Fraud Unit

In this presentation Charlie Stevens will review the challenges faced in operating the modern immigration control and, in particular, the challenges to the development and use of secure travel and identity documents for ensuring that document fraud is effectively identified and countered. The presentation will first look at the threats facing the immigration control and will then go on to focus on three key areas which confront these threats, namely the use of technology, the need for professionally skilled control officers and the role of international outreach projects.

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

12:15–14:00 **Lunch**

Sponsored by **Bundesdruckerei GmbH**

BUNDESDRUCKEREI

Overview of the Five Country Conference (FCC) Data Sharing Working Group

Mr. Jean-Marc Gionet, Deputy Director, Citizenship and Immigration Canada

The presentation will provide an overview of the Five Country Conference Data Sharing Working Group activities, current projects and the future strategic direction of FCC cross-border immigration information sharing.

KEYNOTE: CICTE's Counter-terrorism Capacity Building Strategy

Mr. Gordon Duguid, OAS/CICTE Secretary

The speaker will look into the strategic framework of the counter-terrorism capacity building that the Organization of American States CICTE has been carrying on in the Americas. The presentation will go on to address specific programmes and projects that OAS/CICTE has been implementing in the region, including exploring the relevance of their objectives to travel document and border security within the broader counter-terrorism capacity building agenda.

15:00–15:30

Afternoon Coffee/Refreshment Break

Sponsored by **Canadian Bank Note Company, Limited**

Advance Passenger Information and Passenger Name Record (API/PNR): Regulatory Framework and Practical Applications

Mr. Jitendra Thaker, Facilitation Officer, ICAO

The presentation will begin with an overview of ICAO's involvement in API and its work, jointly with WCO and IATA, in developing and maintaining the WCO/IATA/ICAO Guidelines on API. This will be followed by a review of the development of the API-related Standards and Recommended Practices in Annex 9. ICAO's work on PNR, including its PNR Guidelines, will then be taken up. An overview of possible future regulatory developments in PNR will follow. The presentation will conclude with a description of the information (that includes elements found in MRTDs) that may be included in API and PNR programmes, and the practical applications of such programmes.

Biometrics and Human Factors in Passport Controls

Dr. Richard Kemp, University of New South Wales, Australia

Since the ability to establish the identity of a traveller is a critical link in the fight against terrorism and crime, it is vital that passport applications are carefully screened for identity fraud. Despite advances in biometric technology and the introduction of sophisticated Face Recognition software, the comparison of pairs of portrait images by human observers remains at the heart of most identity verification systems. This is problematic given that psychological research has shown most people find it difficult to determine whether two images are of the same unfamiliar person. The speaker will present initial results emerging from a new research collaboration between the Australian Passport Office and psychologists at the University of New South Wales.

Perspective of Development of Technical Means of Border Control and Educational Process of Border Control Specialists

Mr. P.I. Martinov, Russian Federation

The speaker looks into the state of play of providing vocational training to border control staff in the Russian Federation. The presentation provides the overview of the border control framework in Russia, including the skill and competencies that are required by the border control personnel to perform their functions. It goes on to look into the details of the vocational training with particular focus on the technology that is used both in the training and carrying our border control duties.

Authenticating Travel Documents: Challenges and Good Practices

Mr. Bill Russell, Vice President, Mount Airey Group, USA

Now that so many States are issuing machine-readable travel documents, it is imperative to begin authenticating the PKI elements of these documents conforming to Doc 9303. Without this extra layer of authentication, fraudulent data will go unnoticed. However, with such a differing array of PKI data available from issuing States, authentication is a challenge. Nonetheless, with the right policies and infrastructure in place these document security features can be maximized.
This presentation suggests the infrastructure features and policies each State needs to consider in order to maximize the PKI-related security features of travel documents.

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

17:15–19:30 **Reception**
Sponsored by **Morpho B.V.**

DAY 3 WEDNESDAY

14 SEPTEMBER

07:30 – 09:00

Continental Breakfast

Sponsored by **Global Enterprise Technologies Corporation**

09:00

Procurement Workshop: Ensuring Quality and ICAO Compliance of Travel Documents

Moderator: Mr. David Philp, ICBWG Chair, General Manager, Passports, Department of Internal Affairs, New Zealand

MRTD procurement is an area that often poses challenges to government agencies introducing new travel documents. The procurement process presents considerable technical complexity, project budgets are large, and any mistakes tend to be costly, both in monetary terms and ICAO-compliance of the documents. The Procurement Workshop explores the foundations of a successful procurement project, looks into MRTD-specific issues and challenges, and outlines a number of best practices and points to watch. In addition, the Workshop provides an overview of procurement services and technical advice offered by ICAO and offers a forum for discussing specific "real world" challenges and needs that the Symposium participants may have.

Getting Procurement Right: Points to Watch in Implementing a New Travel Document

Mr. David Philp, ICBWG Chair, General Manager, Passports, Department of Internal Affairs, New Zealand

The speaker looks into MRTD-specific issues of procurement tenders, including common challenges, mistakes and international best practices that had been identified through the work of the ICAO MRTD Implementation and Capacity-building Working Group. The presentation stresses the importance of ICAO-compliance of the new travel document, which is a key aspect of quality management in a MRTD procurement project.

MRTD Procurement: the Foundations of a Tender Process

Ms. Marie-Ange Baraer, Procurement Officer,
Technical Co-operation Bureau, ICAO

The presentation provides an overview of the full cycle of the procurement process, including developing a tender dossier, running the tender, contracting the winning provider and completing the implementation of a tender including project closer steps. It also addresses common mistakes and some preventive best practices to avoid them in the first place.

ICAO Procurement Services: Ensuring the Quality of MRTD Tenders

Mr. Patrick F. Molinari, Chief, Procurement Section,
Technical Co-operation Bureau, ICAO

The speaker will provide a briefing about procurement services and technical assistance provided by ICAO, with particular reference to MRTD procurement and ICAO-compliance. Participants are welcome to highlight any procurement needs they may have or challenges they have been facing, in order to address it in detail with the ICAO technical cooperation staff.

ICAO MRTD Request for Information (RFI): Relevance to MRTD Procurement

Mr. David Philp, ICBWG Chair, General Manager,
Passports, Department of Internal Affairs, New Zealand

The presentation will brief the audience about the ICAO MRTD Request for Information (RFI), an exercise that takes place every three years in order to provide the TAG/MRTD and its working groups with the latest technology developments relevant to the evolving MRTD specifications.
David Philp will give a brief overview of the RFI 2011 results and explore the broader relevance of the RFI to MRTD procurement.

10:40–11:10

Morning Coffee/Refreshment Break

Sponsored by **CardLogix Corporation**

Day 3 Wednesday (continued)

14 September

Discussions and Q&A:

Dealing with Difficulties: Troubleshooting in MRTD Tenders and Preventing Mistakes Through Good Planning Practices

Moderator, all members of the Workshop panel.

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

12:15–14:00 **Lunch**

Sponsored by **Speed Identity AB**

SPEED IDENTITY®

14:00 **ICAO MRTD Specifications and Secure Issuance of Travel Documents**

Moderator: Mr. David Philp, ICBWG Chair, General Manager, Passports, Department of Internal Affairs, New Zealand

Current Document 9303 Developments and Latest Technical Reports

Mr. Tom Kinneging, Senior expert standardization, Morpho.
Acting convenor of ISO/IEC JTC1 SC17 Working Group 3

In 2009 ICAO stopped the hard copy publication of Doc 9303 and replaced it with an electronic publication available free of charge on the ICAO MRTD website. During the coming year ICAO and ISO will work together on a project to re-format Doc 9303 and to incorporate issues from the Supplement to Doc 9303 as well as the latest Technical Reports into the standard.
The objective is to benefit from the variety of opportunities the electronic publication has to offer with respect to maintenance and more efficient, effective, and user friendly publication.

Frontex Study on Security of Electronic Passports (ePassports) in Europe

Mr. Gustav Söderlind, Research Officer, Frontex

In 2010 Frontex — formally known as European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union — commissioned a study on the Security of Electronic Passports (e-Passports) in Europe. The study, which was completed in the spring of 2011, investigated security relevant issues in the context of the application for, production, and use of electronic passports (BAC and EAC) in Europe. The study also addressed best practices in the passport issuance process and recommendations for redressing security gaps.

ICAO's Sub-Programme on Evidence of Identity: Issues, Objectives and Expectations

Mr. Mauricio Siciliano, MRTD Officer, ICAO

Since MRTD specifications have become so comprehensive, the trans-border crime and terrorism focus has been shifting to the pre-issuing phase which contain far more weaknesses: evidence of identity ("breeder documents"), civil registries and gaps in the integrity of the issuance process. These areas need to be addressed with considerable political will, efforts and resources in order to consolidate the core MRTD programme security-wise. The NTWG's recent Technical Report "Towards Better Practices in National Identity Management" presents in a systematic way best practices in these matters, which MRTD-issuing authorities can use to enhance their capacity abilities to assess such documents, and minimize security risks they present.

15:15–15:45

Afternoon Coffee/Refreshment Break

Sponsored by **IRIS Corporation Berhad**

Use of Forensic Document Examination for Evidence of Identity

Ms. Samiah Ibrahim, Manager, Forensic Document Examination Section, Canada Border Services Agency

In its broadest sense, forensic document examination is used to show links between documents of any sort and persons, places or events for judicial purposes. This presentation will provide the audience with the Canadian perspective on how forensic document examination is used by the federal government in border, immigration and other fraud investigations to prove, or disprove, identity. By examining forensically the documentary evidence such as travel and secure identity documents, course of business documentation, other official or banking documents, and other personal documents, identities may be confirmed. This confirmation can then be used in judicial setting to combat fraud and other criminal activities.

Identity Management From the Start: Basic Conditions for Establishing a Unique, Legal Identity From Birth

Ms. Mia Harbitz, Senior Specialist, InterAmerican Development Bank

A discussion of the legal, institutional and technological challenges that countries face in order to ascertain a legal, unique, safe and secure identity for their citizens, and guarantee the veracity of breeder documents necessary to issue travel documents. This will require interoperability between agencies and national data bases, but if this is to be achieved, a citizen centred and holistic approach is essential.

Identity Management in Times of Crisis or Mass Evacuation: Humanitarian Focus

Mr. Raul Esparza Valencia, Universal Civil Identity Program in the Americas, Organization of American States

The presentation looks into specific challenges to efficient and effective identity management presented by major crises, natural calamities and post-conflict situations. The speaker will explore the OAS' programme activities in challenging environments in the Americas, with particular reference to the reconstruction work in Haiti after the earthquake, to dwell upon specific difficulties, responses and humanitarian considerations.

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

17:15–19:30 **Reception**

Sponsored by **EDAPS Consortium**

Day 4 Thursday

15 September

07:30 – 09:00

Continental Breakfast

Sponsored by **OVD Kinegram AG**

KINEGRAM

09:00

PKI and ICAO PKD Workshop

Moderator: Dr. Eckart Brauer, Senior Officer, Federal Ministry of Interior, Germany; Chairman of the PKD Board

In the recent years the PKD grew to become the pivotal infrastructure on a global scale for the secure and efficient use of ePassports especially in border control scenarios. The PKD Workshop sheds light on the steps to take in order to effectively participate in the PKD. The workshop gives clear practical advice on how to find and fill in relevant documents that accompany the start of PKD participation. Experts are ready to clarify all possibly existing doubts or questions about technical, administrative, financial, procedural or other PKD relevant arrangements.

PKD and ePassport - Inseparable Twins

Dr. Duncan Westland, UK

The presentation will explain in a non-technical way how the ePassport and ICAO PKD work together to provide unprecedented integrity to travel documents. The presentation includes an overview of the foundations of ePassport and PKD, their complementary relationship, the working principles of the PKD Board in terms of administration, finance and other relevant areas.

Standard Conformity: - the PKD Role

Mr. R. Rajeshkumar, Netrust Pty. Ltd., Singapore, PKD Operator

The presentation will detail the increasing role of the ICAO PKD as a tool to ensure compliance to Doc 9303 for Certificate and CRL profiles, with particular reference to the provisions of Document 9303. It provides a comprehensive overview of the PKD business case, technical and operational framework, PKD checks and typical mistakes, as well as other areas relevant to PKD operations.

ePassport Based Identity Check – Example

Mr. Benjamin Marzahn, BSI, Germany

The speaker will focus on the case study of the semi-automated border control (EasyPASS) and manual border control with PKD and SPOC (Single Point of Contact) in Germany, including the exchange of certificates from ICAO-PKD and CSCA/CVCA Germany to the Federal Police/border control, and other lessons learnt from the EasyPASS project.

10:30–11:00

Morning Coffee/Refreshment Break

Sponsored by **SICPA**

How to Become an Active PKD Participant - A Guided Tour

Ms. Christiane DerMarkar, ICAO, PKD Board Secretary

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, NoP, Notice of Registration), invoices and financial modalities, CSCA Certificate import arrangements, and other related areas.

Questions & Answers

Dr. E. Brauer, Dr. D. Westland, Mr. R. Rajeshkumar, Mr. B. Marzahn, Ms. C. DerMarkar

12:00–12:15

Sponsor's Presentation

12:15–14:00

Lunch

Sponsored by **De La Rue Identity Systems**

Discussions Panel

14:00

Strategic Directions of the ICAO MRTD Programme: Maintaining Relevance to Future Needs and Challenges

The purpose of the Panel is to facilitate a dialogue between the ICAO senior management and the stakeholders of the MRTD community, with reference to ongoing MRTD Strategy exercise. Symposium participants are welcome to communicate issues, needs, suggestions, ideas or ask questions about matters of interest or concern related to the ICAO MRTD programme. While the feedback and questions from the MRTD community will serve as basis for panel discussions, the issues raised will also provide useful input for researching and developing the newly-emerging MRTD Programme Strategy.

Symposium participants are invited to reflect on matters of importance and submit written suggestions or questions to the panel. A box for suggestions and questions will be available at the entrance into the Assembly Hall during the whole event (until Thursday 12:00). As courtesy to moderators, please remember to indicate your name and agency. In addition to written submissions, Symposium participants are, of course, also welcome to contribute with ideas or ask questions orally during the Strategy panel discussions.

Moderator: **Mr. David Philp**, ICBWG Chair, General Manager, Passports, Department of Internal Affairs, New Zealand

Panel members:

Ms. Folasade Odutola, Director, Air Transport Bureau, ICAO

Mr. Jim Marriott, Chief, Aviation Security Branch, ICAO

Ms. Annette Offenberger, TAG/MRTD Chair, London Manager, Department of Internal Affairs, New Zealand

Mr. David Philp, ICBWG Chair, General Manager, Passports, Department of Internal Affairs, New Zealand

Mr. Barry Kefauver, ICAO TAG/MRTD expert, International Organization for Standardization (ISO), US

Mr. Mauricio Siciliano, MRTD Officer, ICAO

DAY 4 THURSDAY (CONTINUED)

15 SEPTEMBER

15:30–16:00	**Afternoon Coffee/Refreshment Break** Sponsored by **Digital Identification Solutions Group**
16:00–16:15	**Reception Sponsor's Presentation**
	Summary and Conclusions **Mr. Barry Kefauver**, ICAO TAG/MRTD expert, International Organization for Standardization (ISO), USA
	Official Closing Remarks **Ms. Folasade Odutola**, Director, Air Transport Bureau, ICAO
17:00–19:30	**Reception** Sponsored by **Entrust, Inc.**

Sponsors and Exhibitors

Fourth Floor, Booth Nos. 25 and 26

Gold Sponsor

3M Company

3M Security Systems Division is a trusted partner and industry leader in delivering end-to-end, innovative security solutions to businesses and governments worldwide — helping to ensure the security of people, documents and goods. 3M uses its broadband knowledge, in-depth experience and technological expertise to help solve an array of security challenges. These include brand protection, product security, efficient passenger check-in, secure ID and passport document issuance and hardware and software system solutions for border management.

3M Cogent adds to these capabilities with biometric identification solutions for governments, law enforcement agencies and commercial enterprises. 3M Cogent provides the highest quality identification systems, products and services with leading technology, accuracy and speed. 3M Security Systems technologies are used in over 100 countries around the world.

Contact: **Mr. Neil R. Runte**
E-mail: nrrunte@mmm.com Website: **www.3M.com/SecuritySystems**

Atrium, Booth No. 63

AmaTech Ltd.

AmaTech produces RFID enabled inlays for integration into secure electronic documents, using proprietary processes. The company is headquartered in Ireland with machine engineering capability in Germany. The AmaTech team has designed, developed and implemented robotic technology for the successful automation of electronic inlays.

Our core competencies are: engineering and design of automated inlay machinery; volume production of electronic inlays using laser ablation technology; process design and enhancement of inlays for use in high quality ID documents and smartcards; continuous R&D activity

The team members have almost 20 years experience in the RFID industry, in developing machines and processes and as well in running mass volume production; this enables AmaTech to meet the quality and economical requirements of our customers.

Contact: **Mr. Roland Epple**
E-mail: Roland.Epple@amatechcorp.com Website: **www.amatechcorp.de**

Sponsors and Exhibitors (continued)

Fifth Floor, Booth No. 53

Arjowiggins Security

Arjowiggins Security specialises in both digital and physical security for the e-ID and secure documents market. With a strong and long experience in paper authentication solutions, we also benefit from more than 15 years of e-ID implementation experience and expertise in high security document, advanced electronic technologies and system solutions.

We offer comprehensive solutions for e-passport applications, from data capturing systems to document issuance. Our team of experts advises, designs and implements the best suited system architecture fitting your needs.

Contact: **Mrs. Marie-Laure Maquaire**
E-mail: marielaure.maquaire@arjowiggins.com Website: **www.security.arjowiggins.com**

Fifth Floor, Booth No. 52

Atlantic Zeiser GmbH

The Atlantic Zeiser Group is a world-leader in industrial high-security coding, personalisation and mailing technologies, offering end-to-end system solutions for ID-cards, banking-cards, commercial-cards as well as SIM-, loyalty-and membership-cards. Customers can choose from versatile modular components and scalable software-platforms for chip programming, full face edge to edge 4C inkjet printing and laser marking.

The company specialises in the industrial application of sensible variable data onto various media whilst ensuring full data and process integrity. Atlantic Zeiser serves its customers through 11 facilities in Europe, the Americas and Asia as well as additional sales and support offices in some 50 nations.

Contact: **Mr. Thorsten Tritschler**
E-mail: sales@atlanticzeiser.com Website: **www.atlanticzeiser.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 32

Aware, Inc.

Aware, Inc. has been a leader of the biometrics industry since 1992, providing system integrators and OEMs with a comprehensive array of biometrics software for credentialing, access control, law enforcement, and border management. We provide SDKs and applications for use on client workstations, as well as Biometric Services Platform (BioSP), a service-oriented application server. These products perform fingerprint, face, and iris image autocapture, image quality and compliance assurance, ICAO-compliant data formatting and validation, passport personalization, reading, and authentication, and biometric verification as well as deduplication.

Contact: **Mr. Kai Imgenberg**
E-mail: sales@aware.com Website: **www.aware.com/biometrics**

Fourth Floor, Booth Nos. 29 and 30

Gold Sponsor

Bundesdruckerei GmbH

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.

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

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 6

Bronze Sponsor

Canadian Bank Note Company, Ltd

More than 80 nations have engaged 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 System.

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**

Fourth Floor, Booth No. 35

Bronze Sponsor

CardLogix Corporation

CardLogix smart cards and software are essential elements in a trusted credential for securing identity. Worldwide, CardLogix provides credentials to governments for e-Passports, Citizen ID, National Health, Voting and Benefits. CardLogix helps its customers create a secure credential with development software, operating systems and middleware for system creation.

We complete your system with leading products in biometric enrollment, credential management and secure printing to deliver a trusted credential for any application. Featured products include the M.O.S.T. Toolz® microprocessor development kit, Credentsys® dual interface smart card and the Gen 2 Border Crossing Card. The CardLogix e-Passport card meets the latest ICA 09303 and ISO/IEC standards for BAC and EAC and AA authentication, with full support for LDS.

Contact: **Mr. Bruce Ross**
E-mail: sales@cardlogix.com Website: **www.cardlogix.com**

Sponsors and Exhibitors (continued)

Fifth Floor, Booth No. 48

Centro Grafico dg

Centro Grafico dg is an Italian company offering innovative holographic security solutions. Recognised all over the world for its expertise Centro Grafico is specialised in the manufacturing of high security holographic foils and laminates designed to protect banknotes, visas, ID cards and Driving Licenses (PC holofoil) and it has been accredited by major governmental agencies for the production of their national Passports (OPS TM system). Centro Grafico dg has a 40 years experience, is certified CWA/Intergraf and Member of IHMA.

Contact: **Mr. Luca Radice**
E-mail: info@centrograficodg.it Website: **www.centrograficodg.it**

Third Floor Landing, Booth No. 57

Collis B.V.

Collis is the market leader in Secure Transaction Technology operating in Government, Finance, Transport and Telecom markets.

In the domain of ID Management, Collis adds value to government authorities, personalisation bureaus and vendors globally by providing knowledge based services and products for eMRTD/e-Passport, e-Driving License, National ID cards and other ID implementations.

With years of experience in domestic and international ID Management projects, Collis ensures that its customers benefit immediately from best practices and lessons learned from other ID projects. Collis is your trusted partner that can support you with end-to-end implementations of your ID initiatives.

Contact: **Mr. Henk van Dam**
E-mail: dam@collis.nl Website: **www.collis.nl**

Sponsors and Exhibitors (continued)

Fifth Floor, Booth No. 49

Crane Micro-Optic Solutions

Crane Micro-Optic Solutions (CMOS) provides micro-optic security features to the banknote and security document markets. Our technology provides the highest level of anti-counterfeit protection. CMOS has been protecting banknotes around the world with the Motion™ security threads since 2006 and is introducing the technology this year for protection of government issued ID documents.

Contact: **Mr. Dave Graves**
E-mail: Dave.graves@craneoptics.com

Fifth Floor, Booth No. 41

Cross Match Technologies GmbH

Cross Match Technologies is a leading global provider of high-quality multimodal biometric identity management systems, applications and services, used to capture and process the unique physiological characteristics of individuals to establish and verify their identities.

Offerings include multiple biometric technologies capable of wireless, mobile or stationary use that encompass fingerprint and palm scanners, mobile and multimodal solutions, facial recognition systems, iris scanning technology, document readers, biometric software and related services.

The capture and matching systems are interoperable and include customised software, which allows for easy integration into a customer's existing infrastructure.

Contact: **Mrs. Anja Kraut**
E-mail: international-sales@crossmatch.com Website: **www.crossmatch.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth Nos. 23 and 24

Bronze Sponsor

Datacard Group

DatacardGroup

Datacard Group solves complex identity problems by collaborating with government agencies and integrators worldwide. Building on a 40-year heritage of customer success, 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 integrators and governments, we help plan and implement identification programs that improve security, maximize efficiency and help reduce risk for governments. Datacard solutions have been deployed in more than 95 countries over 350 ID programs, including national IDs, travel documents, driver's licenses, healthcare and e-government applications.

Contact: **Ms. Mary Olson**
E-mail: mary_olson@datacard.com Website: **www.datacard.com**

Fourth Floor, Booth Nos. 4 and 5

Gold Sponsor

De La Rue Identity Systems

DeLaRue

De La Rue's intelligent Government solutions ensure the integrity of every individual's identity, today and tomorrow.

A reliable and trusted partner of governments worldwide, De La Rue Identity Systems has implemented over 100 projects in 65 countries in the last six years alone, focusing on the provision of passport, ePassport, national ID, eID, driving license and voter registration schemes.

As leaders in the development and delivery of sophisticated identity management solutions, we work in close collaboration with government clients around the world to develop their own strategic roadmap, providing a cost effective and future-proof upgrade path. A specialist identity systems integrator, we pride ourselves on the ability to deliver complete identity solutions with end-to-end security. A recognised authority, we are proven around the world for technical expertise and innovation, while our local knowledge and on the ground support is second to none.

Contact: **Mrs. Claire Burrows**
E-mail: Claire.c.burrows@uk.delarue.com Website: **www.delarue.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 27

Bronze Sponsor

Digital Identification Solutions Group

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 (United States), Beijing (China) and Querétaro (Mexico). A highly specialised software-development and integration company, vps ID Systems, 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 and an unmatched cardware portfolio.

Contact: **Mr. Bernd Mainzer**
E-mail: bmainzer@digital-identification.com Website: **www.digital-identification.com**

Fourth Floor, Booth No. 34

Bronze Sponsor

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 R. Nikolai**
E-mail: udo.nikolai@diletta.com Website: **www.diletta.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth Nos. 16 and 17

Platinum Sponsor

EDAPS Consortium

EDAPS Consortium was established by leading high-tech companies and is the only group in the world with in-house capabilities to produce and implement the most highly secure identification documents and corresponding information systems.

Products: passports, national population register, national identification card, driver license, vehicle registration card, eExcise and control stamps, Visa and MasterCard payment cards

Services: system integration, consulting and project management, manufacture and personalization of documents, 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.

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

Fifth Floor, Booth No. 46

Emperor Technology

Emperor Technology has been developing Card Personalization, Secure ID, e-Payment and Metro ACC technologies over the last 16 years and has drawn on this experience to produce a comprehensive range of products which includes equipment, client-dedicated software and systems:

- Secure ID and Card Personalization;
- e-Payment;
- Metro ACC.

Emperor Technology is your reliable partner with a team of professionals capable of providing high quality and cost-effective products and services.

Contact: **Mr. Sean Zheng**
E-mail: sean@xiongdi.cn Website: **www.emperortech.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth Nos. 14 and 15

Platinum Sponsor

Entrust, Inc.

Entrust
Securing Digital Identities & Information

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. Entrust currently provides ePassport trust for over 15 countries.

Contact: **Mr. David Mahdi**
E-mail: entrust@entrust.com Website: **www.entrust.com/epassport**

Fourth Floor, Booth No. 21

Foster & Freeman Ltd.

foster+freeman

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. Richard Evans**
E-mail: Richard.evans@fosterfreeman.com Website: **www.fosterfreeman.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth Nos. 1 and 2

Platinum Sponsor

Gemalto

gemalto
security to be free

Gemalto is a leader in digital security with pro forma 2010 annual revenues of over €1.9 billion, operations in about 100 countries and 10,000 employees. Gemalto provides end-to-end digital security solutions that are designed to make personal digital interactions more convenient, secure and enjoyable.

Within the public sector, Gemalto provides secure documents, solutions and services for governments, national printers and integrators in the service of citizens. Gemalto has the strongest reference sheet in the industry thanks to 120 years in security printing, the leading R&D team and practical experience in major ePassport and eID projects.

Gemalto is also present in some of the world's biggest eHealthcare programs, driving license and vehicle registration and tachograph projects.

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

Fourth Floor, Booth No. 10

Silver Sponsor

Global Enterprise Technologies Corporation

GET GROUP

For more than two decades, Global Enterprise Technologies (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/large, and centralized/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. Khaled Aziz**
E-mail: kaziz@getgroup.com Website: **www.getgroup.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 20

Silver Sponsor

Bronze Sponsor

HID Global

HID Global is the trusted source for secure identity solutions for millions of customers around the world. The company's primary brands include HID®, ActivIdentity™, FARGO® and LaserCard®. With a long history of providing government solutions around the world, HID's patented ceFLEX material and wire transfer technology extend the life of e-documents, reduce wear and tear on embedded components and help thwart tampering and fraud.

HID's LaserCard branded solutions significantly expands its portfolio with the addition of unique credential constructions, counterfeit-resistant optical security media (OSM) and embedded hologram technology that enables reliable credential authentication with the human eye.

Contact: **Ms. Monica Nascimento**
E-mail: mnascimento@lasercard.com Website: **www.hidglobal.com**

Fourth Floor, Booth No. 33

Holliston LLC

Holliston 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 than 60 countries to meet their diverse and demanding identification requirements. We remain at innovation's forefront.

Our century-long expertise in durable construction, secure coatings and hard to replicate embossing is now augmented by the very latest cutting edge technologies in multiple UV overprints and RFID compatibility.

A country's foremost responsibility is to protect its citizens and its borders in these particularly turbulent times.

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

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 28

HOLOGRAM INDUSTRIES

Hologram.Industries

With over 25 years' experience, a unique know-how and a worldwide presence, Hologram.Industries is a leading global provider of high security anti-counterfeiting solutions for documents, products and media cntents. With a significant worldwide presence, international sales account for 80% of Hologram.Industries' revenue (€32 million in 2010).

Seamlessly investing in R&D, the Group has a broad range of expertise and unique know-how organised around several technology divisions focused on developing solutions to prevent counterfeiting and fraud. Hologram.Industries' markets cover five main user applications:

- Identity documents
- Fiduciary documents
- Vehicle protection
- Web investigations
- Brand protection

Contact: **Mr. Hugues Souparis**
E-mail: sales@hologram-industries.com Website: **www.hologram-industries.com**

Fourth Floor, Booth No. 31

IAI industrial systems

iai industrial systems

IAI industrial systems supplies advanced production systems to the security printing industry. Several systems are available for the graphical and electronic personalisation of passports and ID-cards. IAI also offers high secure features such as ImagePerf; a laser perforated photograph in the data page or card.

IAI's high volume personalisation equipment can perform every action needed to turn blank passports or ID-cards into fully personalised documents, complete with laser perforated security features and verification of applied data. IAI's desktop systems perform the laser engraving and chip programming of passports or ID-cards.

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

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 7

Bronze Sponsor

IRIS Corporation Berhad

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.

In addition, IRIS has an in-depth understanding in chip standards, in particular ISO7816 and ISO14443 for both Type A and B. IRIS is also up to date with all developments and new technologies from chip manufacturers. IRIS invents, innovates, improves and integrates technology to create solutions for everyday life in an ever changing world.

Contact: **Mr. Lyndon D'Oliveiro**
E-mail: lyndon@iris.com.my Website: **www.iris.com.my**

Fifth Floor, Booth No. 44

Keesing Reference Systems

Keesing Reference Systems (1923), based in Amsterdam, the Netherlands, is the leading provider of solutions for the verification of ID documents and banknotes. For over 80 years thousands of organisations around the world have benefitted from our unparalleled expertise and they rely on our innovative verification solutions every day. Our easy-to-use solutions are powered by a unique reference database which contains more than 2,200 ID documents and 4,700 banknotes from over 198 countries.

Contact: **Mr Mike Krechting**
E-mail: info@keesingreferencesystems.com Website: **www.keesingreferencesystems.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 36

KEIT Ltd.

KEIT is a Bulgarian company focusing its activities 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. We produce laser perforating/engraving machines and reading devices to offer ultimate security solutions to our clients.

Contact: **Mr. Vitan Gruncharov**
E-mail: vitan@keit.bg Website: **www.keitbg.com**

Fifth Floor, Booth No. 47

KEYNECTIS

Keynectis is a software and SaaS provider, focused on securing Digital Identities and Transactions. With over 12 years experience, KEYNECTIS offers a wide range of solutions for secure digital identity management as well as digital documents and transactional security for government bodies, financial institutions and corporate entities worldwide.

With more than 20 million digital identities protected every year, KEYNECTIS is the European leader in information security technology.

Products:

- Sequoia® e-Passport: complete solution for the implementation of PKIs in order to protect Digital identities on a national scale.
- Sequoia® CitizenID: complete solution for securing and managing digital identities for governments and system integrators.

Contact: **Mr. Colin Pascal**
E-mail: info@keynectis.com Website: **www.keynectis.com**

Sponsors and Exhibitors (continued)

Atrium, Booth No. 64

Luminescence International Ltd.

Manufacturers of security and specialist inks. Security inks are a highly effective and cost-efficient method of protecting documents and products against fraud. Luminescence has developed ink systems that can be employed to detect counterfeiting, alteration and unauthorised trading.

Contact: **Mr. Paul Cooper**
E-mail: paul@luminescence.co.uk Website: **www.luminescence.co.uk**

Fourth Floor, Booth Nos. 12 and 13

Platinum Sponsor

MORPHO B.V.

Morpho brings you the most innovative, complete solutions for high-end biometric passports, ID Cards and the full range of related services. We offer vast expertise and skills with strong local presence on all continents.

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 electronical personalisation of ID documents, data management and distribution.

As the market leader, Morpho has already issued more than 35 million passports with a polycarbonate datapage with embedded chip and antenna. The Netherlands, Switzerland, Ireland, Finland, Croatia, Slovakia, Albania and Mauretania have already chosen our Passport solution and services. Morpho always provides solutions on a turnkey basis within time and within budget.

Contact: **Mr Herman Hemels**
E-mail: herman.hemels@morpho.com Website: **www.morpho.com**

Sponsors and Exhibitors (continued)

Atrium, Booth No. 65

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 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: **Ms. Heike Davis**
E-mail: heike.davis@muhlbauer.com Website: **www.muhlbauer.com**

Fourth Floor, Booth No. 22

NXP Semiconductors

With over 4 billion contactless chips sold to date, NXP Semiconductors 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 — to provide consumers with greater convenience and safety.

NXP holds a share of over 80 percent in the global ePassports chip market, supplying 68 out of 76 national roll-outs, including the United States, Germany, Republic of China and Singapore as well as more than 80% for ePassport reader chip solutions.

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

Sponsors and Exhibitors (continued)

Fifth Floor, Booth No. 42

Oberthur Technologies

With more than 50 government references, Oberthur Technologies is a leader in manufacturing and issuance systems for any secure documents. A banknote manufacturer since 1842, Oberthur Technologies has strong know-how in high security printing to provide secure documents that are leading edge in the fight against counterfeiting and forgery.

With more than 20 years of experience in smart chip, cryptographic and biometric standards, Oberthur Technologies is a trustworthy partner in the migration to electronic identity documents. Oberthur Technologies provides customised end-to-end system solutions for issuance, post-issuance and authentication of identity documents. Oberthur Technologies has a multi-national, highly experienced, certified Project Management team for the management of identity programmes.

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

Fifth Floor, Booth No. 39

Optaglio s.r.o.

Optaglio, the world leader in electron beam lithography, focuses on the design, development and production of advanced optical security devices and holograms. Our unique technology, used in the production of holographic features and optical microstructures, is recognised worldwide as the most advanced technological standard.

Optaglio implements next generation technologies to protect the income of our customers and the integrity of their products. We provide high-end security solutions for protection of goods and documents for everyday life. Our innovative approach combined with constant research and development are the key factors contributing to our clients success.

Contact: **Mr. Roman Kmoníček**
E-mail: obchod@optaglio.cz Website: **www.optaglio.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 9

Silver Sponsor

OVD Kinegram AG

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 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.

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.

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

Fifth Floor, Booth No. 38

Pagemark Technology, Inc.

<P> PAGEMARK Technology

Pagemark Technology, Inc. provides authentication and track and trace solutions used to secure high-value documents. Implemented using "Pelta" 2D barcode technology layered on standard QR barcodes, our system encodes overt and covert data creating a simple but highly effective authentication system. The Pagemark solution uses Smart Phones to authenticate documents taking advantage of the camera, GPS, SMS functionality within the devices to power today's most innovative authentication system.

Contact: **Mr. RanDair Porter**
E-mail: randair@pagemark.net Website: **www.security.pagemark.net**

Sponsors and Exhibitors (continued)

Atrium, Booth No. 62

Panasonic System Networks Co., Ltd.

Panasonic is a world leader in the following security systems:

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

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

Fourth Floor, Booth No. 3

Regula Baltija Ltd.

Regula: Forensic Science Systems is a world leader in supplying solutions for questioned documents analysis which include:

- specialised hardware for automated and detailed examination of security features;
- software for image processing and storing of received information;
- document reference systems with detailed description of passports, ID cards, driver's licenses and other documents.

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

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 43

Bronze Sponsor

SICPA

SICPA is the leading global provider of security inks and integrated systems for banknotes, value documents and brand protection applications.

Contact: **Mr. Tom Jay**
E-mail: tom.jay@sicpa.com Website: **http://www.sicpa.com**

Fifth Floor, Booth No. 54

SMARTRAC N.V.

Based on technical and operating experience from more than 200 million e-ID products manufactured and supplied to more than 40 e-ID projects worldwide, SMARTRAC is the global market leader for high quality RFID inlays for e-Passports and national ID cards.

Our customers benefit from high security production facilities in Asia, Europe and the United States; EAL5+ site certificate for production of e-ID products; compliance with international standards; highest product quality and reliability as well as proven, patent protected technology.

Contact: **Mr. Brian Bender**
E-mail: e-ID@smartrac-group.com Website: **www.smartrac-group.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth Nos. 18 and 19

Gold Sponsor

Speed Identity AB

SPEED IDENTITY®

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. Magnus Löfgren**
E-mail: magnus.lofgren@speed-identity.com Website: **www.speed-identity.com**

Fifth Floor, Booth Nos. 50 and 51

Silver Sponsor

Toshiba Corporation

TOSHIBA

Technology developed by Toshiba makes passports more secure than ever before. By applying 20 years of our engineering success to automatic passport printing, we make the printing process of passports more efficient and reliable.

This year, Toshiba exhibits its new fully automatic ePassport Printer VP-P460 which is streamlined for mass production. Printing, laminating, encoding and quality assurance are all fully automated. Every process is handled by the printer in an all-in-one system for maximum efficiency.

Contact: **Mr. Mamoru Kimura**
E-mail: Mamoru.kimura@toshiba.co.jp Website: **http://ni.toshiba.co.jp/snis/ovs/scd/idsys/id.htm**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 8

Trüb AG

The Trüb Group, Switzerland, is a national and international leader in the production and personalisation 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, United Kingdom, 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.trueb.ch**

Fifth Floor, Booth No. 40

U-NICA Security AG

Based in Switzerland and Germany, the internationally-active U-NICA Group is a provider of innovative security features for brand protection and high value documents. Its subsidiary, U-NICA Security AG, serves the high security market exclusively.

U-NICA Security AG offers its customers first-class, end-to-end solutions based on proprietary high security technologies — almost all developed in-house. These are cutting-edge solutions resulting in inks with combined first and third level attributes or digital image methods for random pattern identification, to name a few.

The company's mission statement and code of conduct is adapted to the norms of the high security segment. Its strict secession from the more open brand protection market rounds-off the role of U-NICA Security AG as preferable business partner in this segment.

Contact: **Mr. Robert Von Arx**
E-mail: security@u-nica.com Website: **www.u-nica.com**

Sponsors and Exhibitors (continued)

Fourth Floor, Booth No. 11

Vision-Box, S.A.

Vision-Box is specialised in the fields of biometrics and intelligent CCTV analytics, and has numerous innovative products such as the new self-service boarding gates, automated border control gates and enrolment solutions.

Vision-Box is known as the worldwide leader for ABC gates that have already been deployed in more than 20 airports, with more than 200 e-gates and over 3 million passengers checked. Our enrolment solutions, the fixed kiosk and portable suitcase have been deployed in more than 150 countries with over 2,000 units; these systems integrate the capture of multiple biometric data into a single device. Our CCTV intelligent analytics have some capabilities such as people detection and tracking, face matching and identification.

Contact: **Mr. Pedro Pinto**
E-mail: info@vision-box.com Website: **www.vision-box.com**

Fifth Floor, Booth No. 45

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.

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

Media Partners

Acuity Market Intelligence
Website: **www.acuity-mi.com**

findBIOMETRICS
Website: **www.findbiometrics.com**

Air Transport News
Website: www.airtransportnews.aero

Just4airlines.com
Website: **www.just4airlines.com**

AVISIAN Publishing
Website: **www.AVISIAN.com**

Keesing Journal of Documents & Identity
Website: www.keesingfightfraud.com

Biometric Technology Today
Website: **www.biometrics-today.com**

Planet Biometrics
Website: **www.planetbiometrics.com**

Biometrie-Online.Net.
Website: **www.biometrie-online.net**

Security Document World.com
Website: **www.securitydocumentworld.com**

The Biometric Digest
Website: **www.biodigest.com**

Watermark Magazine
Web: **www.vodyanoyznak.ru**

The Biometrics Market Intelligence eUpdate
Website: **www.acuity-mi.com**

Supporting Organizations

Airports Council International (ACI)
Website: **www.aci.aero**

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

The Biometrics Institute
Website: **www.biometricsinstitute.org**

International Biometric Group (IBG)
Website: **http://www.ibgweb.com/**

International Biometric Identification Association
Website: **www.ibia.org**

UPCOMING EVENTS

REGIONAL SEMINARS ON MRTDs, BIOMETRICS AND BORDER SECURITY

Qatar

For more information, visit our **website**

www.icao.int/icao/en/atb/mrtdsymposium/seminars/2011/qatar/index.html

Singapore

For more information, visit our **website**

www.icao.int/icao/en/atb/mrtdsymposium/seminars/2011/singapore/index.html

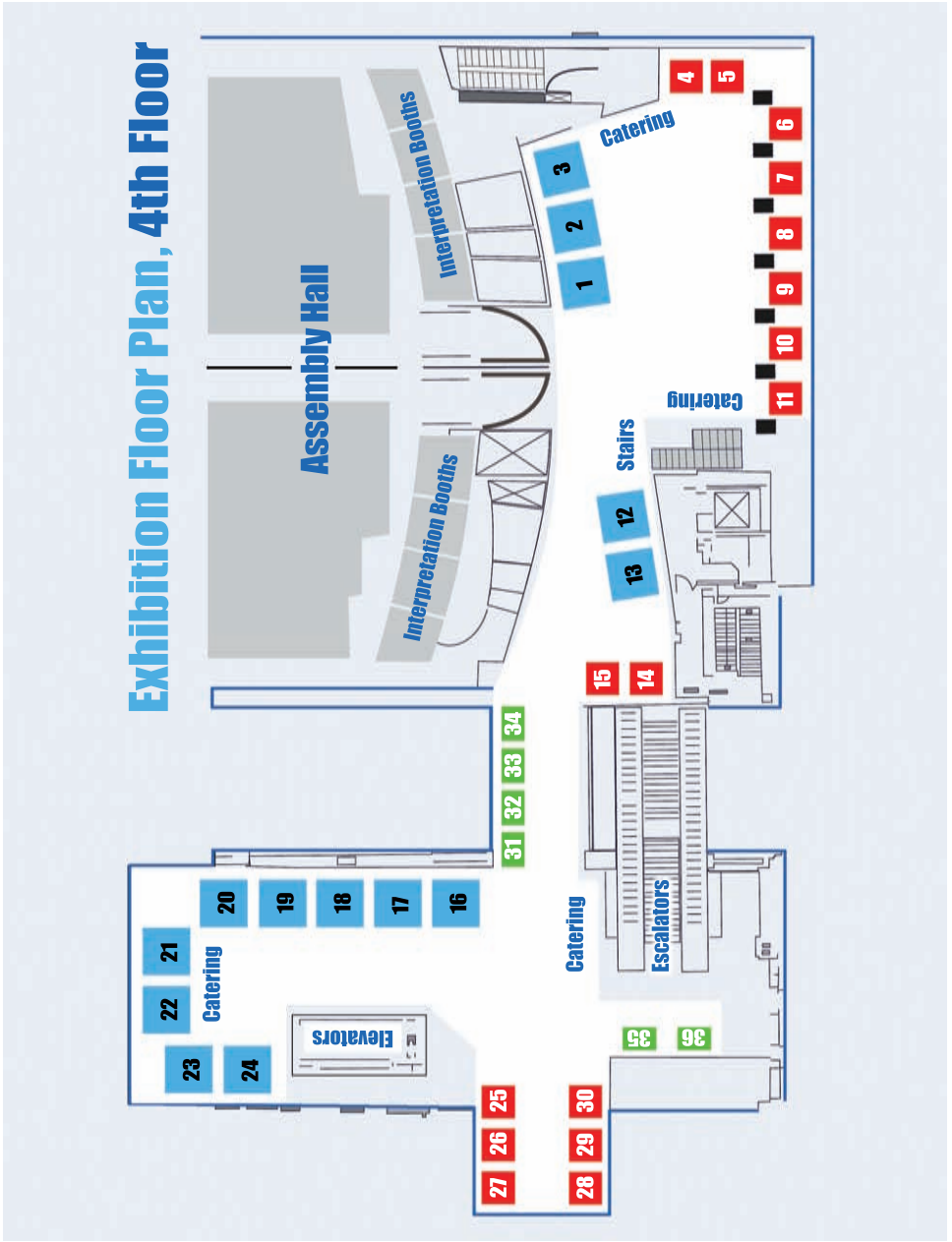
For more information, please contact:

MRTD Programme

Telephone: **+1 514-954-8219** (ext. 6329) Fax: **+1 514-954-5061** E-mail: **MRTDevents@icao.int**

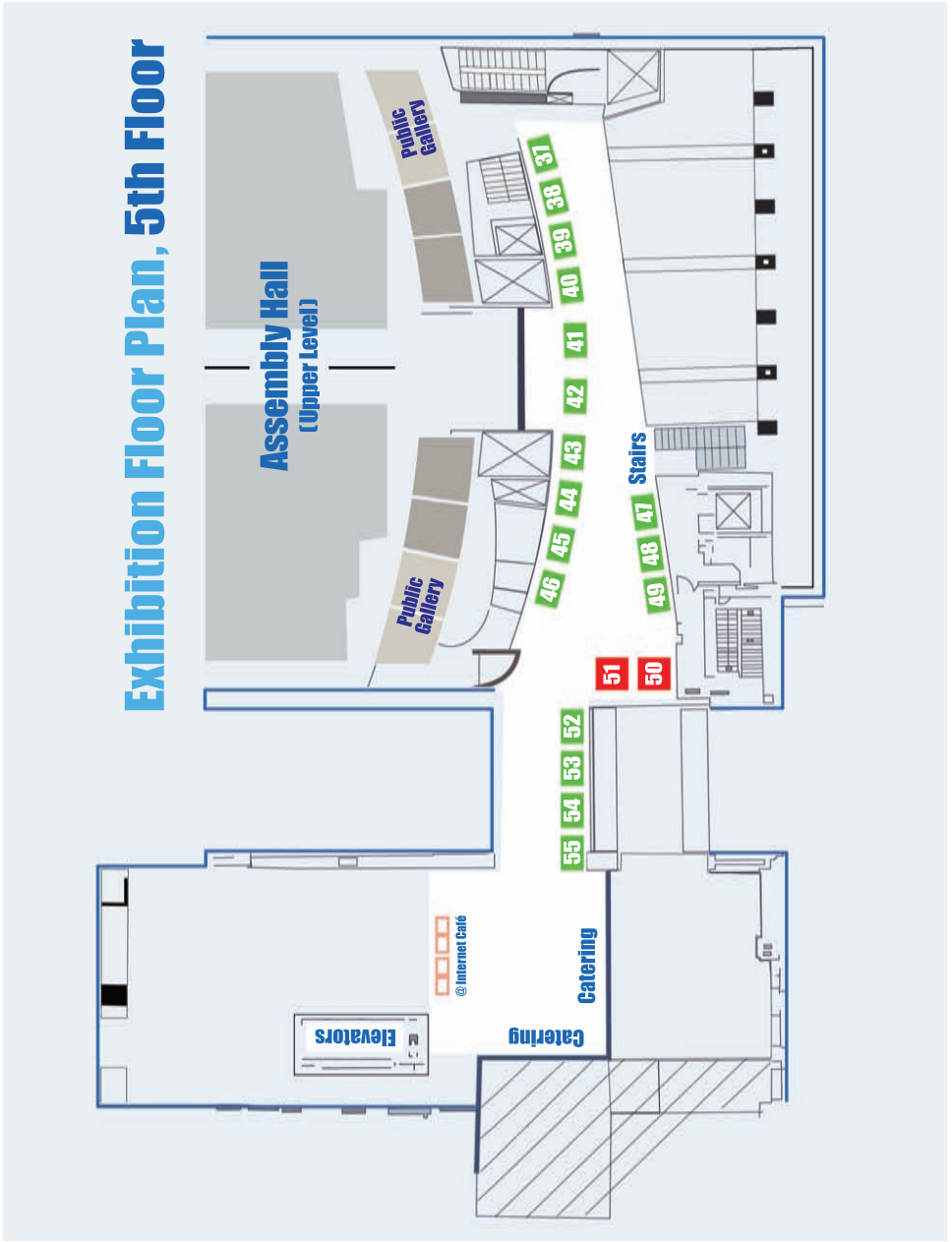
4th Floor

Exhibition Floor Plan



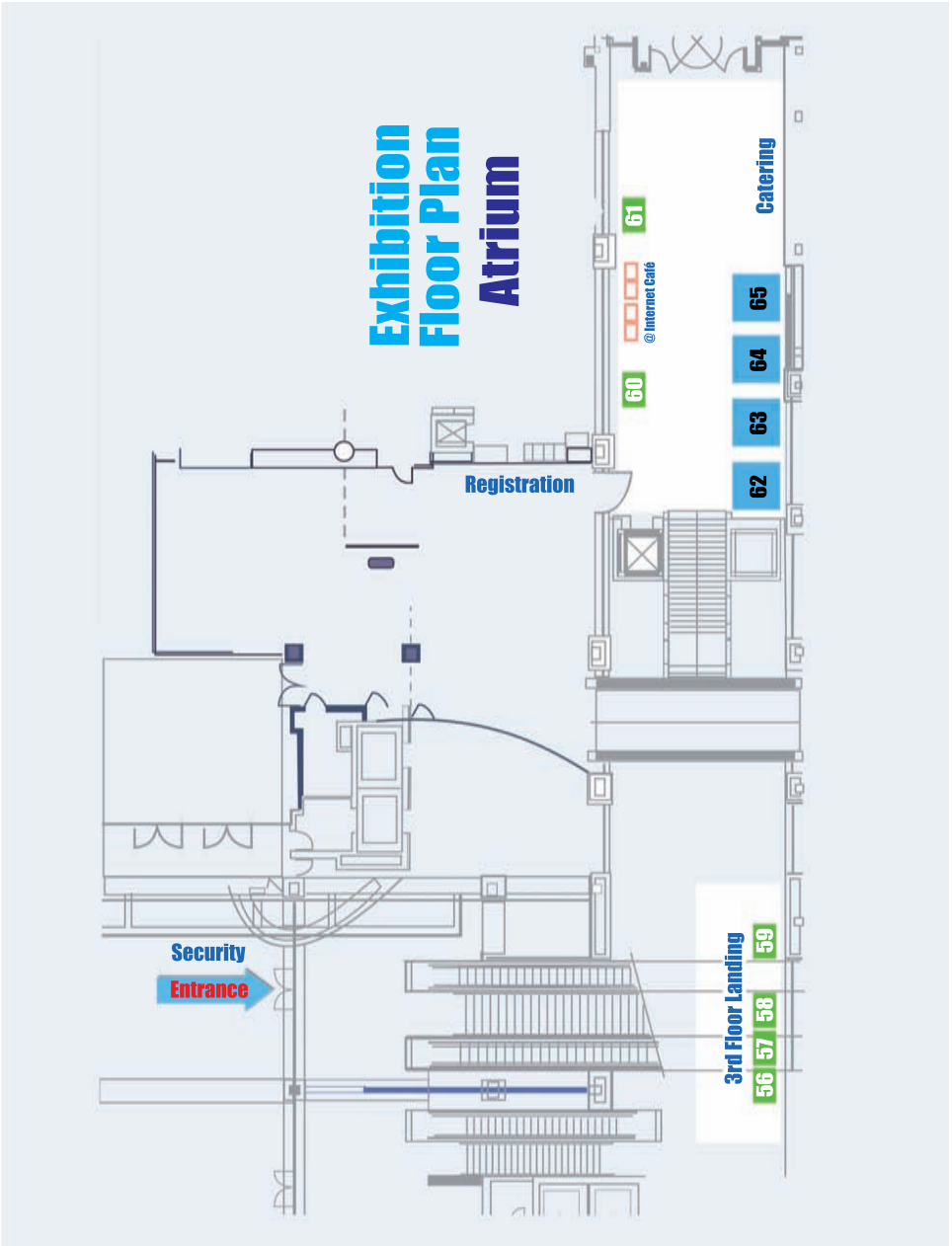
Exhibition Floor Plan (continued)

5th Floor



Exhibition Floor Plan (continued)

Atrium



List of Exhibitors

Fourth Floor

- 1 Gemalto
- 2 Gemalto
- 3 Regula Ltd.
- 4 De La Rue Identity Systems
- 5 De La Rue Identity Systems
- 6 Canadian Bank Note Company, Limited
- 7 Iris Corporation Berhad
- 8 Trüb AG
- 9 OVD Kinegram AG
- 10 Global Enterprise Technologies Corporation
- 11 Vision-Box, S.A.
- 12 Morpho B.V.
- 13 Morpho B.V.
- 14 Entrust, Inc.
- 15 Entrust, Inc.
- 16 EDAPS Consortium
- 17 EDAPS Consortium
- 18 Speed Identity AB
- 19 Speed Identity AB
- 20 HID Global
- 21 Foster & Freeman Ltd.
- 22 NXP Semiconductors
- 23 Datacard Group
- 24 Datacard Group
- 25 3M Company
- 26 3M Company
- 27 Digital Identification Solutions Group
- 28 Hologram Industries
- 29 Bundesdruckerei GmbH
- 30 Bundesdruckerei GmbH
- 31 IAI industrial systems B.V.
- 32 Aware, Inc.
- 33 Holliston LLC
- 34 DILETTA ID-Systems
- 35 CardLogix Corporation
- 36 KEIT Ltd.

List of Exhibitors
(continued)

Fifth Floor

37 —
38 Pagemark Technology, Inc.
39 Optaglio s.r.o.
40 U-NICA Security AG
41 Cross Match Technologies GmbH
42 Oberthur Technologies
43 SICPA
44 Keesing Reference Systems
45 WorldReach Software
46 Emperor Technology
47 KEYNECTIS
48 Centro Grafico DG
49 Crane Micro-Optic Solutions
50 Toshiba Corporation
51 Toshiba Corporation
52 Atlantic Zeiser GmbH
53 Arjowiggins Security
54 SMARTRAC N.V.
55 —

Third Floor Landing

56 —
57 Collis B.V.
58 —
59 —

Atrium

60 ICAO
61 —
62 Panasonic System Networks Co., Ltd.
63 AmaTech Ltd.
64 Luminescence International Ltd.
65 Mühlbauer, Inc.

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 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

Presentations

Presentations will be posted on the ICAO website:
http://www.icao.int/mrtdsymposium2011/.

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/n** 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.

General Information (continued)

Computer workstations configured with most of the **Microsoft Office** tools, and printers will be available on the first and fifth floors 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.

Smoking

Smoking is **not** permitted in ICAO Headquarters.

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/n** will get access to the Internet.

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

Wireless network	Public@Intl. Civil Aviation
UserID	Guest
Passphrase	MRTD

Under normal circumstances, users of **Windows 2000** and **XP** will not have to set any special configuration parameters. For technical assistance call **extension 8248**.

General Information (continued)

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 will be on duty at that location from 08:30-16:30 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 **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 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.

General Information (continued)

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 calling **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.

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.

General Information (continued)

It can be reached at **514-873-2015** every day from 09:00 -17:00 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 05:00 - 23:00. Arrangements can be made and prices obtained through the hotel management.

Mark Your Calendar!

Eighth Symposium and Exhibition on

ICAO MRTDs, Biometrics and Security Standards

17-20 September 2012

ICAO Headquarters, Montréal, Canada

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

Notes

ICAO

MRTDs, BIOMETRICS AND SECURITY STANDARDS

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DESIGN: **STUDIO IDÉES EN PAGE INC.**
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Seventh Symposium and Exhibition on

ICAO MRTDs, Biometrics and Security Standards

ICAO International Civil Aviation Organization
Montréal, Canada