ICAO

**FOURTEENTH ICAO**

# TRIP SYMPOSIUM AND EXHIBITION 2018

## Using Traveller ID for Streamlined Border Controls

<<<<<<<< MONTRÉAL, CANADA <<<<<<<<<<<
<<<<<<<< 23-25 OCTOBER 2018 <<<<<<<<<

PROGRAMME AND
EVENT DIRECTORY

# #TRIP2018

## Get the latest schedule, speakers, sponsors and exhibitors information.
## DOWNLOAD the event app

APPLICATION
SPONSOR

**HID**

Apple iOS App: **https://goo.gl/EfWuLW**

Android App: **https://goo.gl/e8rhF8**

Web App: **https://goo.gl/cVjAuV**

**ICAO EVENTS**







## Get the most out of the app

Want to stay up-to-date on the latest announcements, post to social media, and interact with other attendees?

Register now at **Events @ ICAO** for a personalized app experience.

**To register, simply enter your email address and create a password.**

## Personalize your experience

Once your official account is created, don't forget to complete your profile by adding your name, company, bio, and social media links.

**To complete your profile, click Edit Profile and include your details.**

## Key App Features

The **Events @ ICAO** app is your one stop shop for the latest event schedules, announcements, sponsors, and exhibitors information and more.

## Table of contents

# Monday, 22 October 2018

| | |
|---|---|
| 09:00 – 12:00<br>13:00 – 17:00 | **On-Site Registration** |

| | |
|---|---|
| 17:30 – 19:00 | **Welcome Reception (by invitation)**<br>**Sponsored by**<br>Veridos @ EVO (next door to ICAO) |

**End of Day**

# DAY 1 – Tuesday, 23 October 2018

| | |
|---|---|
| ALL DAY | **Networking Coffee: (5th floor)**<br>**Sponsored by**<br>Get Group |

| | |
|---|---|
| 07:30 – 09:30 | **On-Site Registration** |

| | |
|---|---|
| 09:30 – 10:30 | **Opening Session**<br>ICAO will be joined by Senior Officials from related organizations to provide high-level perspectives on the opportunity that improved traveller identification presents to strengthen aviation security and travel facilitation. |

**Introduction by Master of Ceremonies: Mr. Denis Chagnon**

**Opening Address:**
• **Mr. Sylvain Lefoyer**, Deputy Director, Aviation Security & Facilitation, Air Transport Bureau, ICAO

**Keynote Speakers:**
• United Nations Office of Counter-Terrorism
  **Mr. Ulrik P. Ahnfeldt-Mollerup**, Senior Political Affairs Officer, Chief of Capacity Building Unit
  United Nations Counter-Terrorism Centre (UNCCT)
• World Travel and Tourism Council [Video Presentation]
  **Ms. Gloria Guevara**, President and CEO, World Travel and Tourism Council (WTTC)
• Transnational Threats Department, Organization for Security and Co-operation in Europe (OSCE)
  **Mr. Simon Deignan**, Programme Manager, Travel Document Security, Organization for Security and Co-operation in Europe (OSCE)
• International Air Transport Association
  **Mr. Pierre Charbonneau**, Director Passenger Experience and Facilitation,
  International Air Transport Association (IATA)

**ICAO TRIP AWARD OF EXCELLENCE**
The TRIP award of excellence is bestowed in recognition of the outstanding contribution of individuals and organizations to the development, promotion and implementation of the Traveller Identification Programme as a pillar of enhanced civil aviation security and facilitation worldwide.

| | |
|---|---|
| 10:30 – 11:00 | **Coffee Break**<br>**Sponsored by**<br>SURYS |

**11:00 – 12:15**  **Session 1 / Setting The Scene**
Representatives from international organizations most closely involved with Identification Management will provide updates on their initiatives and projects.

Introduction: **Mr. Sylvain Lefoyer,** Deputy Director, Air Transport Bureau, ICAO

Keynote Speakers:
- ACI Initiatives on Seamless Travel
  **Ms. Nina Brooks**, Director, Security, Facilitation and IT, Airports Council International (ACI) World
- IATA Initiatives and Projects for Open APIs in order to Promote Sharing of Data Across the Industry
  **Mrs. Celine Canu**, Head Facilitation, International Air Transport Association (IATA)
- European Border and Coast Guard Agency (FRONTEX)
  **Mr. Claudio Kavrecic**, Head of Air Border Sector, Joint Operations Unit, Operations Division, European Border and Coast Guard Agency (FRONTEX)

**Discussion: Question & Answer Period**

| | | |
|---|---|---|
| **12:15 – 12:30** | **Welcome Reception Sponsor's Presentation**<br>VERIDOS | **VERIDOS** IDENTITY SOLUTIONS by Giesecke-Devrient and Bundesdruckerei |
| **12:30 – 12:45** | **Lunch Sponsor's Presentation**<br>Emperor Technology | EMPTECH |
| **12:45 – 14:00** | **Lunch Break**<br>**Sponsored by**<br>**Emperor Technology** | EMPTECH 🍽 |

**14:00 – 15:15**  **Session 2 / Roadmap For ICAO TRIP Implementation By Member States**
The incorporation of the new/revised provisions related to: Machine Readable Travel Documents (MRTDs) and continued focus on implementation of the ICAO TRIP roadmap which provides target milestones for states and also adherence to the related international Specifications for machine readable travel documents contained in ICAO Doc 9303, Machine Readable Travel Documents. The speakers will outline how the TRIP strategy will harmonize the global line in our shared battle to confront international crime.

Moderator: **Dr. Narjes Abdennebi**, Chief, Facilitation Section, ICAO

Keynote Speakers:
- Annex 9 Security-related-Standards under ICAO USAP Audits
  **Mr. Juan Lamosa**, Chief, Aviation Security Audit Section, ICAO
- ICAO Public Key Directory (PKD) - State of Progress
  **Mrs. Christiane DerMarkar**, Public Key Directory (PKD) Officer, ICAO
- TCB Assistance for ICAO TRIP Strategy Implementation
  **Mr. Daniel Souhami**, Field Project Officer, Technical Co-operation Bureau (TCB), ICAO

**Discussion: Question & Answer Period**

| 15:15 – 15:45 | **Coffee Break**<br>Sponsored by<br>**Canadian Bank Note** |
| --- | --- |

**Phase 1 of Passenger Journey : Evidence of Identity & Trusted Documents**

| 15:45 - 17:00 | **Session 3 / Supporting Improved National Identity Management Practices** |
| --- | --- |

Credible evidence of identity, involving the tracing, linkage and verification of identity against breeder documents, is essential to ensuring robust traveller identification for security and border control purposes. Experts in this basic element of the traveller identification will share their works and experiences in ensuring a robust identity management process.

**Moderator: Mr. Tony Dean**, Member, ICAO Implementation & Capacity Building Working Group (ICBWG)

**Keynote Speakers:**
• Advances of the Digital Identity Ecosystem in Argentina, from the Civil Registry to the National Database and the Evolution Towards Digital Identity
  **Mr. Flavio Ramon Brocca**, Director General, National Register of Persons,  Argentina
• What is Evidence of Identity?
  **Mr. Sanjay Dharwadker**, ISO expert, ICBWG Member
• ICRC Emergency Travel Document: Compliance with ICAO Standards to Ensure the Future of a Humanitarian Service
  **Mr. Pierre Gentile**, Head of Central Tracing Agency and Protection Division, ICRC, Geneva
• Applicable Standards, Developments and Global Compliance on Machine readable documents for Refugees and Stateless Persons
  **Mrs. Caroline Dulin Brass**, Senior Legal Officer, Protection Policy & Legal Advice Section, Division of International Protection, United Nations High Commissioner for Refugees (UNHCR), Switzerland

**Discussion: Question & Answer Period**

| 17:00 – 17:15 | **Reception Sponsor's Presentation**<br>Sicpa |
| --- | --- |

| 17:30 – 20:00 | **Networking Reception**<br>Sponsored by<br>Sicpa |
| --- | --- |

**End of Day 1**

| | | |
|---|---|---|
| ALL DAY | Networking Coffee: (5th floor)<br>Sponsored by<br>Entrust Datacard | **Entrust Datacard**™<br>Trusted Identities \| Secure Transactions |
| 08:00 – 09:00 | On-Site Registration | |

| SKYTALKS |
|:---:|

| | |
|---|---|
| 08:30 – 08:50 | Veridos |
| 08:50 – 09:10 | X-Infotech |
| 09:10 – 09:30 | SICPA |
| 09:30 – 09:50 | Mühlbauer |
| 09:50 – 10:10 | HID Global |
| 10:10 – 10:30 | De La Rue |

| | | |
|---|---|---|
| 10:30 – 11:00 | Coffee Break<br>Sponsored by<br>OVD Kinegram | **OVD KINEGRAM** |
| 11:00 – 11:20 | Entrust Datacard | |
| 11:20 – 11:40 | Idemia | |
| 11:40 – 12:00 | Emperor Technology | |
| 12:00 – 12:20 | PPG (PPG TESLIN) | |

| 12:20 – 12:40 | **Lunch Sponsor's Presentation**<br>Gemalto | |
| 12:40 – 14:00 | **Lunch Break**<br>Sponsored by<br>Gemalto | |

**14:00 - 14:15**     **Keynote Speech**

**World Economic Forum**
**Mr. Christoph Wolff**, Head of Mobility Industries and System Initiative, Member of the Executive Committee, World Economic Forum (WEF)

**14:15 - 15:30**     **Session 4 / ICAO MRTD Standards and Specifications: Travel Document Intergrity**
Delivering a greatly enhanced travel document security capability is a priority in ensuring authenticity of travel documents. Fraudulent activities present serious challenges thus the need to keep up with the new and evolving trends in document fraud. Technical experts will offer their recent operational experience to highlight current challenges and the possibility of fraudulent documents getting through the border due to chip encoding defects and possible solutions in application and issuance process.

Moderator: **Mr. Michael Holly**, Chairperson, ICAO New Technologies Working Group (NTWG)

Keynote Speakers:
- The New Spanish eID Document [DNIe version 4.0]
  **Mr. Juan Enrique Taborda Álvarez**, Principal Commissioner, National Police Force and General Director of Identity Documents Division, **& Mr. Valentín Ramírez Prieto**, Project Manager, FNMT, Spain
- The ICAO Doc 9303 Composition/Amendments/Technical Reports
  **Mr. Tom Kinneging**, International Organization for Standardization (ISO), Expert
- ePassport Validation: A Practical Experience
  **Mr. R Rajeshkumar**, International Organization for Standardization (ISO), Expert

Discussion: Question & Answer Period

| 15:30 – 16:00 | **Coffee Break**<br>Sponsored by<br>Imprimerie Nationale | |

| | |
|---|---|
| | **Phase 2 of Passenger Journey : Pre-Departure/Arrival** |

**16:00 - 17:15**     **Session 5. Passenger Data Exchange: Identification Of Travellers & Risk Assessment**

**Visa, Electronic Travel Systems and Advance Passenger Information**
Border management must deal with the increased flow of passengers and ensure that there are protocols that provide for timely, secure and reliable linkage of MRTDs and their holders to available and relevant data in the course of inspection operations. Experts from different regions of the world share their experience and good practices.

**Moderator: Mr. Vijay Poonoosamy**, Director International & Public Affairs, QI Group and President, Hermes Air Transport Organisation

**Keynote Speakers:**
- Gabon's State Experience on e-Visa
  **Mr. Théophile Ndounda Leboussi**, Director General, Documentation & Immigration, Gabon
- Ways to Connect Multiple Passports to One Person in Both Passenger Information Systems and Border Control Systems
  **Ms. Diantha Raadgers**, Ministry of Infrastructure & Environment, Directorate General for Transport & Aviation Unit.  Aviation Safety & Security, Netherlands
- OSCE Activities in API Implementation
  **Mr. Simon Deignan**, Programme Manager, Travel Document Security, Transnational Threats Department Organization for Security and Co-operation in Europe (OSCE)
- IOM Capacity Building Assistance in Implementing Passenger Data (API/PNR)
  **Dr. Erik Slavenas**, Identity Management & Biometrics Officer, International Organization for Migration (IOM)

**Discussion: Question & Answer Period**

| | | |
|---|---|---|
| **17:15 - 17:30** | **Reception Sponsor's Presentation**<br>Idemia | «()» IDEMIA |
| **17:30 – 20:00** | **Networking Reception**<br>Sponsored by<br>Idemia | «()» IDEMIA augmented identity |
| | **End of Day 2** | |

# DAY 3 – Thursday, 25 October 2018

| | |
|---|---|
| **ALL DAY** | **Networking Coffee: (5th floor)**<br>Sponsored by<br>Veridos |

**09:00 - 10:30** — **Session 6. Advance Passenger Information (API) Interactive Session**

States in conjunction with the relevant stakeholders are transitioning from the traditional reliance on completing a single step traveller identification and risk assessment at entry controls, towards continuous identification of travellers and risk assessment repeated at each phase of the journey as new information becomes available. The experts will demonstrate how various interactive tools can be used as a decision making tool that border control agencies can employ before a passenger is cleared for travel.

**Moderator:  Mr. Hornek Christopher**, ICAO Project Manager & Passenger Data Exchange Expert

**API & PNR Interactive Tools:**
• Building National Detection capacity- Legal, Operational, Technical and International Cooperation
  Mr. **Jelle Postma**, Program Director, Office of National Coordinator Security and Counter-Terrorism, Ministry of Justice & Security, Netherlands
• API/PNR Data and Facial Recognition System - Brazilian Customs
  Mr. **Felipe Mendes Moraes**, Head of the Customs Regimes Division, Ministry of Finance, Brazil
• WCO Passenger Risk Assessment Tool on API/PNR - GTAS
  Mr. **Terry Wall**,  Project Manager, World Customs Organization (WCO)
• The Link API/ INTERPOL
  Mr. **Fabrizio Di Carlo**, Forensic and Police Data Management, General Secretariat,  INTERPOL
• Interactive API to Integrate Border Control Processes
  Mr. **Ilker Duzgoren**, Manager Aviation Facilitation, International Air Transport Association (IATA)

| | |
|---|---|
| **10:30 – 11:00** | **Coffee Break**<br>Sponsored by<br>Entrust Datacard |

**Phase 2 of Passenger Journey : Pre-Departure/Arrival**

**11:00 - 12:15** — **Session 7. Border Control: Inspection Systems and Tools & Interoperable Applications**

A key element in strengthening aviation security is to ensure that border inspection systems capture, verify and record data contained in the MRTDs and about travellers at the different phases of the journey. The controls should then be enhanced by the global sharing of data about travellers and their travel documents. Experts will provide examples regarding these important elements which aim to expedite the movement of legitimate travellers while identifying high-risk individuals.

**Moderator: Mr. Barry Kefauver**, ICAO Technical Advisory Group on Machine Readable Travel Documents, MRTD Expert

**Keynote Speakers:**
• UN Capacity Building Initiatives to Support Member States
  Mr. **Ulrik P. Ahnfeldt-Mollerup**, Senior Political Affairs Officer, Chief of Capacity Building Unit United Nations Counter-Terrorism Centre (UNCCT)
• INTERPOL Commitment in Developing Interoperable Border Solutions
  Mr. **Fabrizio Di Carlo**, Forensic and Police Data Management , General Secretariat, INTERPOL
• FRONTEX Performance Assessment of Document Inspection Systems: Methodology
  and Preliminary Results
  Mr. **Tom Van Der Hor**, Research Officer, Research & Innovation Unit, Capacity Building Division, European Border and Coast Guard Agency (FRONTEX)

**Discussion: Question & Answer Period**

| 12:15 – 12:30 | **Lunch Sponsor's Presentation**<br>Verifai | **VERIFAI.** |
| 12:30 – 14:00 | **Lunch Break**<br>Sponsored by<br>Verifai | **VERIFAI.** |

### Air Travel Cycle: The Passenger in the Future

| 14:00 – 15:45 | **Session 8. Border Control Management And Future In Travel**<br>Effective implementation of the ICAO TRIP Strategy is essential in helping States optimize the economic, social, and political benefits of international travel and to achieve the United Nations Sustainable Development Goals. It also helps to manage security risks and to respond to threats at borders by enabling better targeting of resources towards persons of interest. The rapid place and diversity of innovation is producing new possibilities for the way in which traveller identification can be managed. Experts will give their views on current and future initiatives and challenges.<br><br>**Moderator: Mr. Jean Salomon**, Member, New Technologies Working Group (NTWG)<br><br>**Keynote Speakers:**<br>• Biometrics as a Single Token to Create a Seamless Passenger Flow<br>  **Ms. Annet Steenbergen**, Advisor, Happy Flow and Pre-clearance - to the Government of Aruba<br>• EU-Lisa 'Technology in Context - How Technology Facilitates Border Management and Internal Security in the EU<br>  **Dr. Ciaran Carolan**, Research & Development Officer, Head of the External Affairs & Capacity Building Sector, Interoperability Team Lead, EU-Lisa<br>• Update on CBP's Biometric Entry/Exit Program to Secure and Enhance the Customer Experience<br>  **Mr. Michael Hardin**, Director of Policy, Entry/Exit Transformation, Department of Homeland Security, Customs and Border Protection, United States<br>• Heathrow Airport's Journey in Integrating Automation & Passenger Travel Systems<br>  **Mr. Simon Wilcox**, Senior Programme Manager, Passenger Automation Development, Heathrow Airport, United Kingdom<br>• UNODC-INTERPOL-WCO Airport Project<br>  **Mr. Thierry Thimon**, Project Coordinator for Africa, Airport Communication Project (AIRCOP), Regional Office, West and Central Africa, Senegal<br><br>**Discussion: Question & Answer Period** |
| 15:45 – 16:00 | **Closing Remarks by:**<br>**Mr. Sylvain Lefoyer**, Deputy Director, Aviation Security & Facilitation, Air Transport Bureau, ICAO |

### End of Symposium

# SKYTALKS

## SOLUTIONS-ORIENTED WORKSHOP

| Time | Company | Speaker |
|------|---------|---------|
| 08:30 – 08:50 | Veridos | Dr. Silke Bargstädt-Franke<br>Head of Product Management |
| 08:50 – 09:10 | X-Infotech | Ksenia Egorova<br>Marketing & Communications |
| 09:10 – 09:30 | SICPA | To be confirmed |
| 09:30 – 09:50 | Mühlbauer | Dr. Mike Bergmann<br>Business Analyst and Security Consultant |
| 09:50 – 10:10 | HID Global | Rob Haslam<br>V.P. of Global Sales for Citizen Identity Solutions |
| 10:10 – 10:30 | De La Rue | Andy Cobb<br>Business Development Director |
| 10:30 – 11:00 | COFFEE BREAK Sponsored by OVD Kinegram | |
| 11:00 – 11:20 | Entrust Datacard | John Bejjani<br>Product Manager |
| 11:20 – 11:40 | Idemia | Isabelle Poulard<br>V.P. Passport & Driver License – Citizen Identity & Public Security |
| 11:40 – 12:00 | Emperor Technology | To be confirmed |
| 12:00 – 12:20 | PPG (PPG TESLIN) | James Boyer<br>Product Development & Industrialization Manager<br>Pierre Scaglia<br>Secure Credentials Segment Manager |

# ENABLING TRUST

Every day, central banks, governments, companies and millions of people rely on SICPA to protect the integrity and value of their currency, personal identity, products and brands.
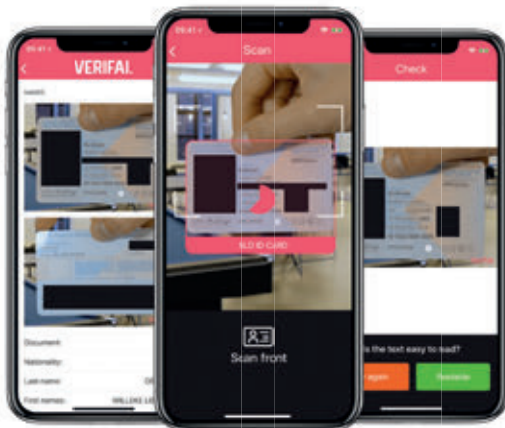
With high-technology security inks at the core of its expertise, SICPA extends its services to include identification and verification systems designed for an integrated approach to identity protection.

**SICPA**

# VERIFAI.

## id verification **done right**

Verifai is **AI-powered & fully customizable** ID verification software, offering countless possibilities for **airlines, aviation security agencies, governments** and more!
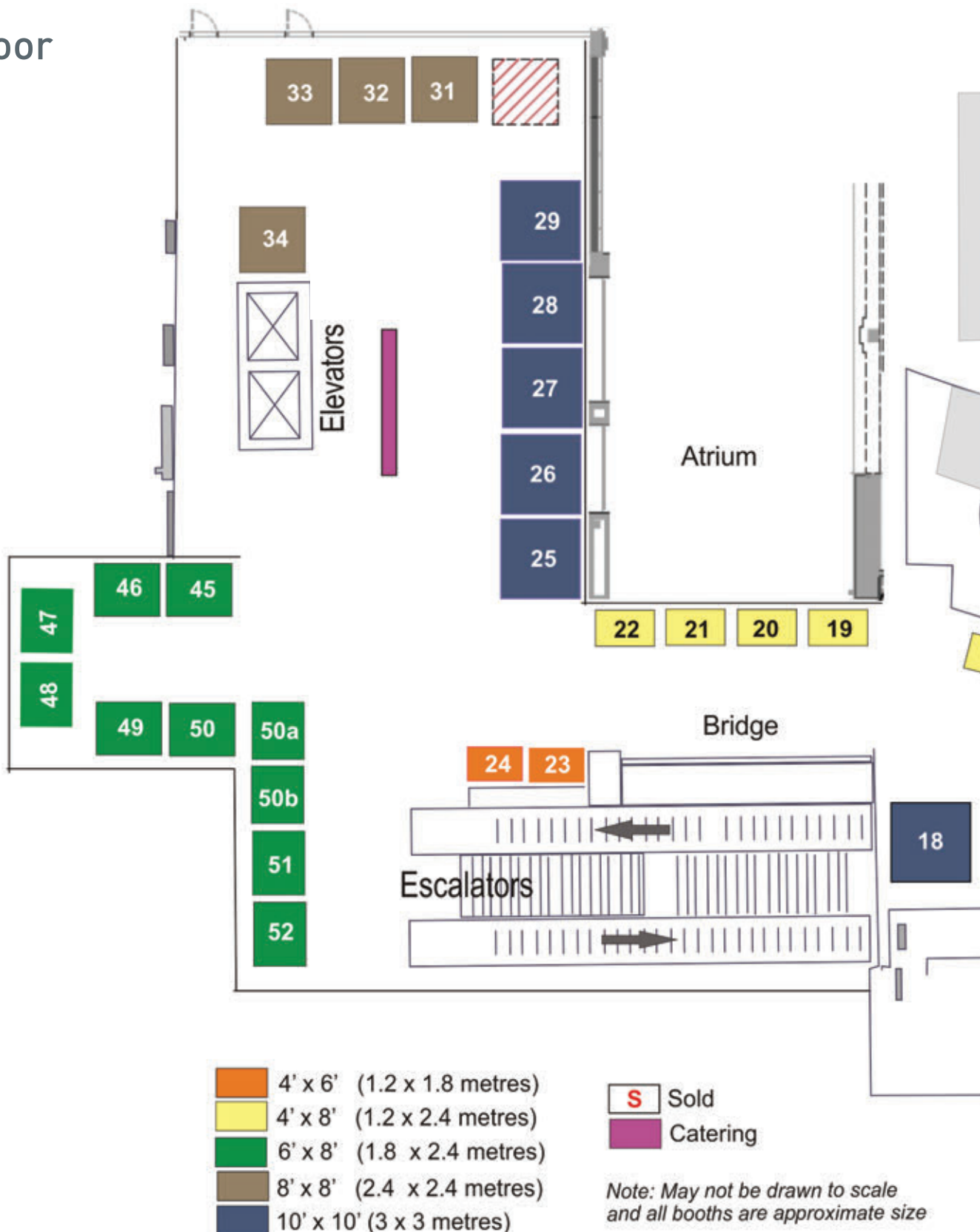
For a **sneak preview** check our features here. Want to learn more? **Visit us** at our booth!

| | devices | | | |
|---|---|---|---|---|
| | iOS | Android | server-side | dedicated device |
| read MRZ | ✅ | ✅ | ✅ | ✅ |
| live blocking of sensitive data | ✅ | ✅ | ✅ | ✅ |
| automatic recognition of any ID | ✅ | ✅ | ✅ | ✅ |
| use fraud check database | ✅ | ✅ | ✅ | ✅ |
| use NFC to read RFID | ✅ | ✅ | ❌ | ✅ |
| check against root certificates with NFC | ✅ | ✅ | ❌ | ✅ |
| use IR and IV filters | ❌ | ❌ | ❌ | ✅ |
| security features check | ✅ | ✅ | ❌ | ✅ |

# Floor Plans

# Exhibitor Floor Plans

## 4th Floor



| | | |
|---|---|---|
| 4' x 6' | (1.2 x 1.8 metres) | |
| 4' x 8' | (1.2 x 2.4 metres) | |
| 6' x 8' | (1.8 x 2.4 metres) | |
| 8' x 8' | (2.4 x 2.4 metres) | |
| 10' x 10' | (3 x 3 metres) | |

S — Sold

Catering

Note: May not be drawn to scale and all booths are approximate size

# Assembly Hall

Intepretation Booths

Interpretation Booths

17

16

15

14

13

Entrance

1

2

3

4

18a

5

6

Stairs

12

11

10

9

8

7
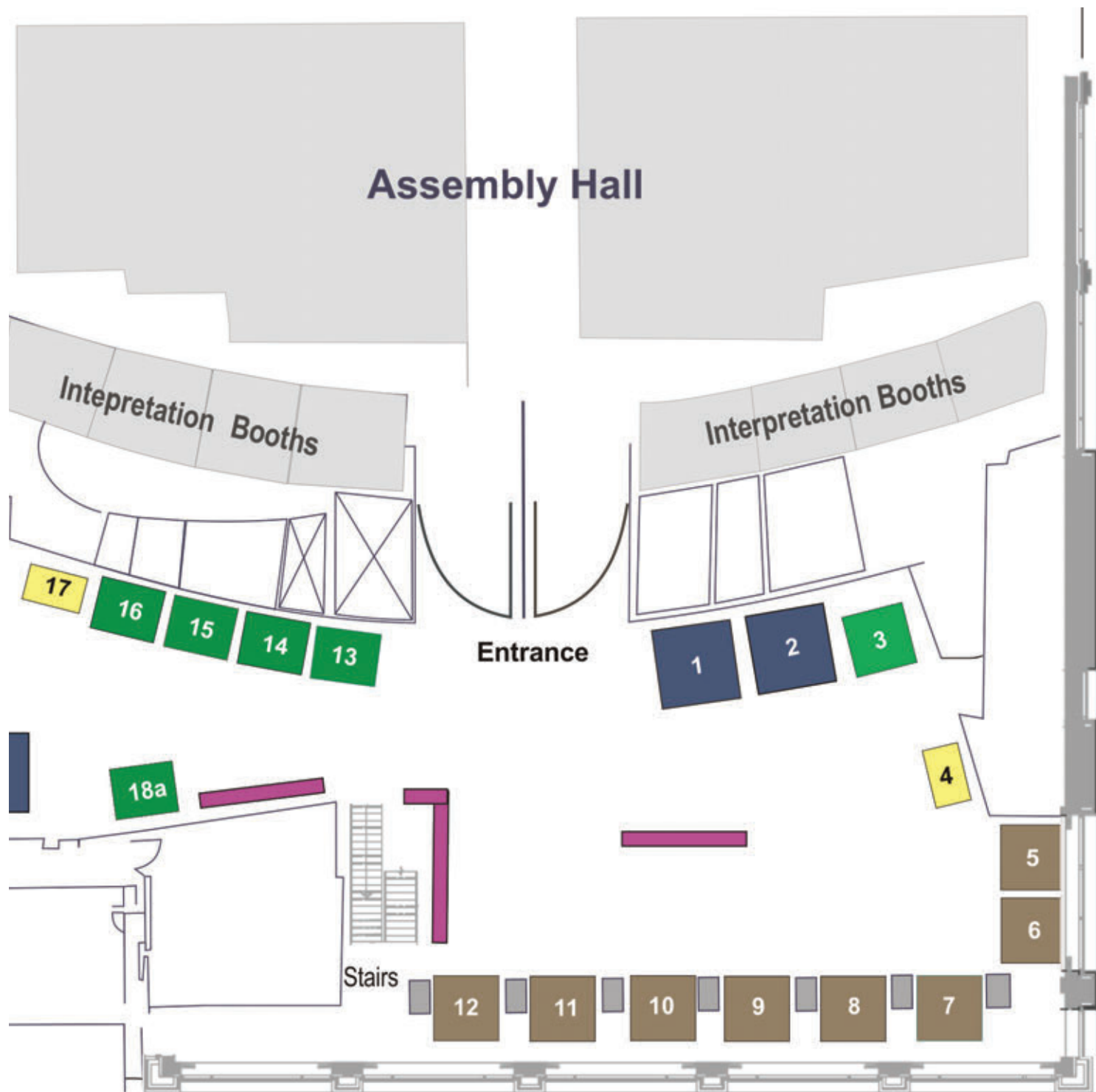
# Exhibitor Floor Plans

## 3rd Floor



**3rd Floor Landing**

53 54 55 56
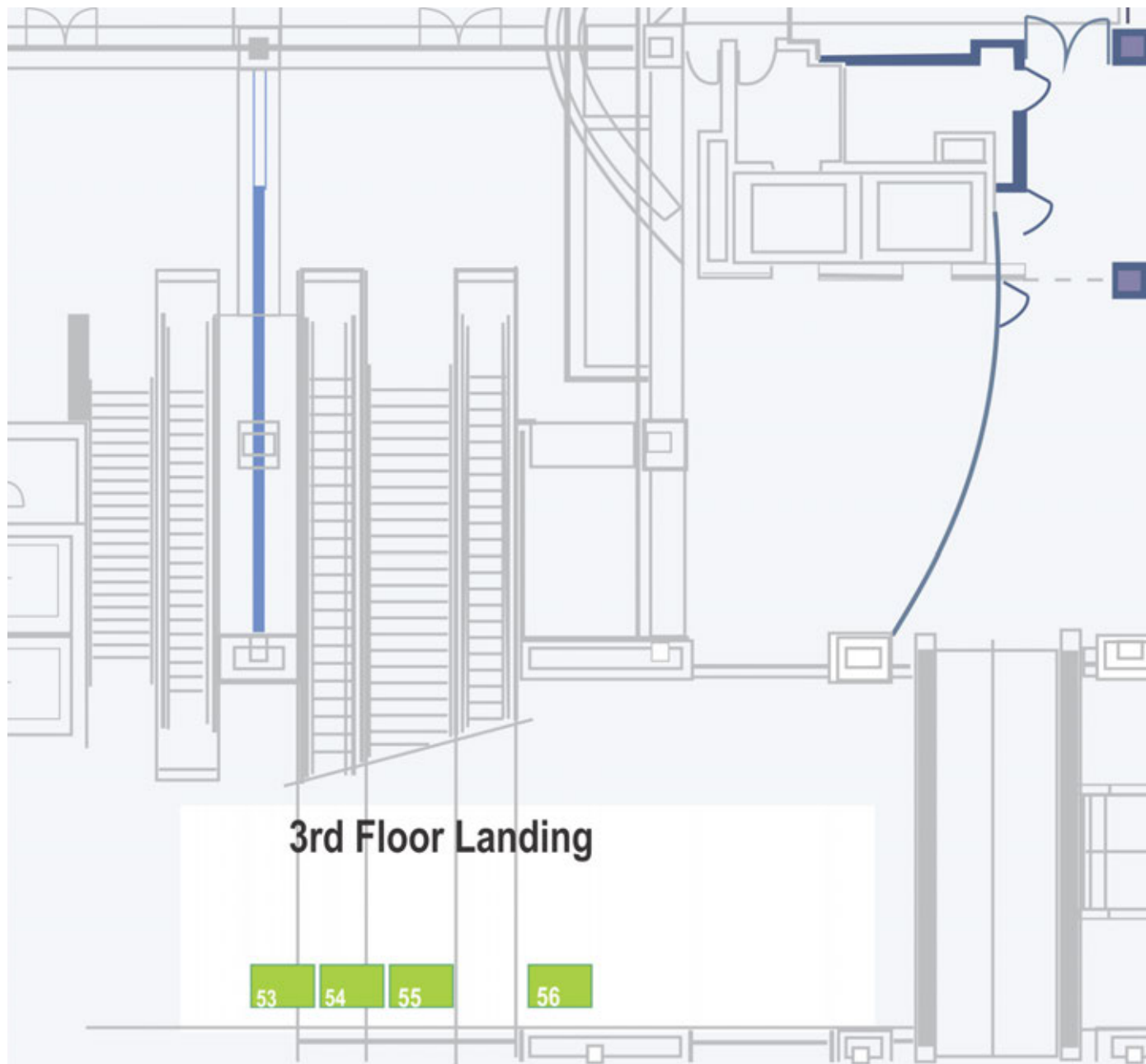
**Exhibition space numbers:**

53–56 are 6x8 feet (2x2.5 metres)

# 5th Floor



Assembly Hall
(Upper Level)

Public Gallery

Public Gallery

Networking Area

62　63　64　65　66

57

58　59　60　61　Stairs
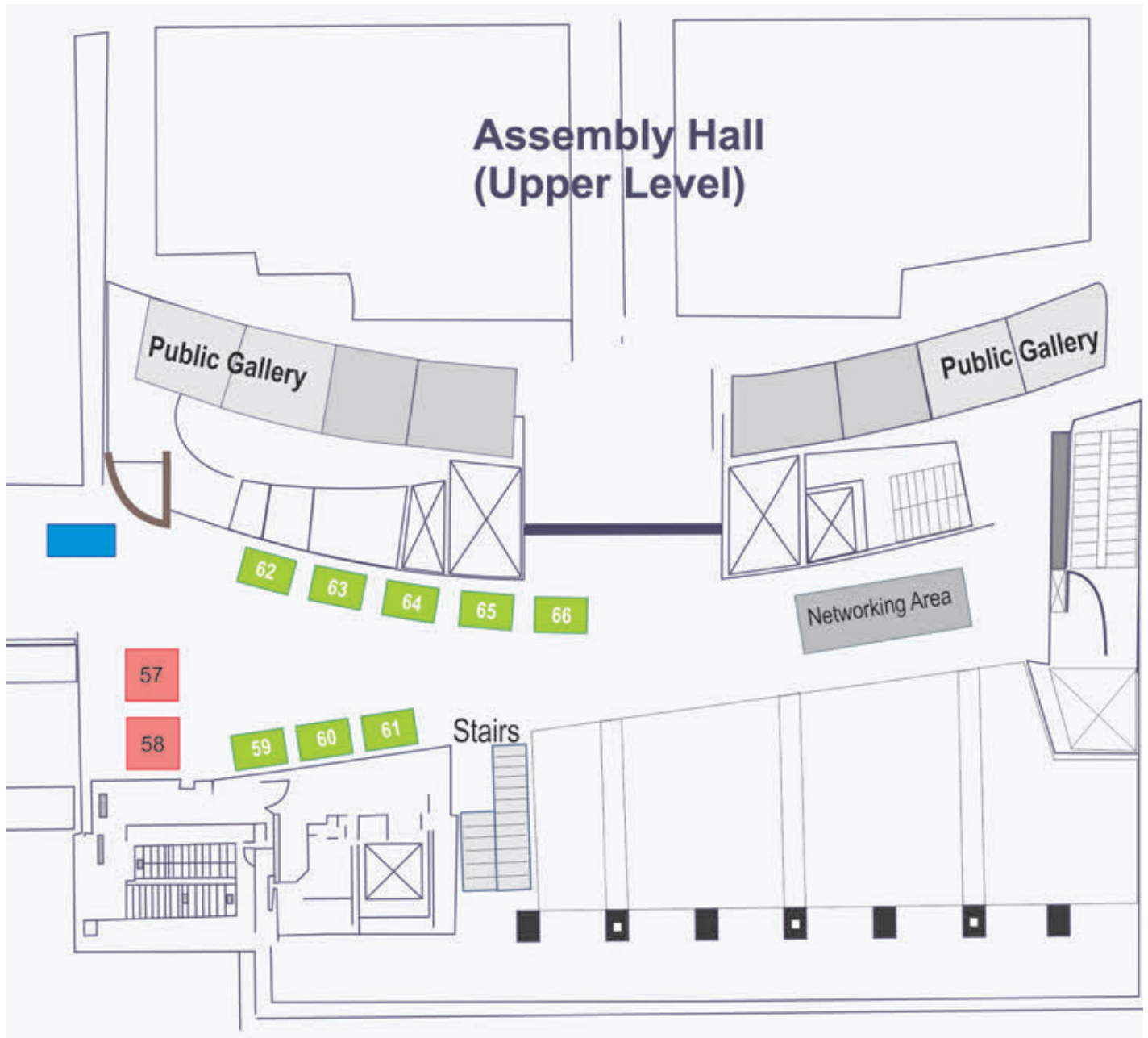
**Exhibition space numbers**:
59–65 6x8 feet (2x2.5 metres).
57 and 58 are 8x8 feet (2.5x2.5 metres).

Coffee Station
Networking Area

# Exhibitor Index

| Exhibitor | Booth |
|-----------|-------|
| Access-IS | 47 |
| Access-IS | 48 |
| Acuant | 17 |
| Aisino | 53 |
| Aisino | 54 |
| Any Security Printing | 19 |
| ARH | 27 |
| Canadian Bank Note | 7 |
| Covestro | 51 |
| Cryptovision | 20 |
| De La Rue | 28 |
| Dermalog | 46 |
| DLRS Limited | 23 |
| DNP Imagingcomm Europe BV | 34 |
| Ecological Fibers | 59 |
| Emperor Technology | 18a |
| Entrust DataCard | 31 |
| Entrust DataCard | 32 |
| FNMT-RCM | 26 |
| Gemalto | 2 |
| GET Group | 8 |
| HID | 15 |
| Holliston | 52 |
| IAI | 22 |
| Idemia | 18 |
| Imprimerie Nationale | 9 |
| Innovative Travel Solutions | 66 |
| Innovatrics | 45 |

| Exhibitor | Booth |
|-----------|-------|
| Inspectron | 4 |
| IXLA ID Laser Systems | 62 |
| Keesing Technologies | 6 |
| Liberty Threads | 60 |
| Luminescence | 56 |
| Masktech | 50b |
| Melzer | 50 |
| Muhlbauer | 25 |
| NXP Semi-Conductors | 33 |
| Opalux | 64 |
| OVD Kinegram | 10 |
| Passport Index | 67 |
| PPG TESLIN (Substrate Products) | 55 |
| Regula | 13 |
| Regula | 14 |
| RPM | 59 |
| Secunet | 24 |
| Semlex | 21 |
| SICPA | 1 |
| Speed Identity | 29 |
| SURYS | 5 |
| TCB | 61 |
| Toppan Security Printing Pte. Ltd. | 16 |
| Veridos | 11 |
| Veridos | 12 |
| Verifai | 3 |
| Vision Box | 49 |
| WorldReach Software | 65 |

# Sponsors and Exhibitors

**VERIDOS**
**IDENTITY SOLUTIONS**
by Giesecke+Devrient
and Bundesdruckerei

## About VERIDOS GmbH

Veridos GmbH is the world's leading provider of integrated identity solutions. Governments and regional authorities worldwide trust the company's uniquely comprehensive product portfolio, and today Veridos counts more than 70 countries among its clients.

By providing its customers with secure, reliable and holistic solutions, expert guidance, and future-proof technology, Veridos enables local infrastructure and empowers citizens worldwide. This fast-growing German company was founded in 2015 to pool the expertise of its parent companies, Giesecke+Devrient GmbH and Bundesdruckerei GmbH.

Learn more about Veridos at www.veridos.com.

## Contact Information

**Veridos GmbH**
www.veridos.com

Oranienstr. 91
Berlin, Germany
D-10969

**Rafaela Heming Pernice**
Manager PR & Marketing
Communications
Mobile +49 172 837 5554
rafaela.hemingpernice@veridos.com

Veridos offers end-to-end identity solutions to secure borders. It covers the entire process, from enrollment and document generation to data management and public key infrastructure (PKI), personalization and document usage of border controls.

PLATINUM
SPONSOR

# SICPA

**ENABLING TRUST THROUGH INTERACTIVE, DYNAMIC AND SECURE IDENTITY CREDENTIALS**

## About SICPA

SICPA, is a leading global provider of secured authentication, identification and traceability solutions and services.

Founded in 1927 and headquartered in Lausanne, Switzerland, SICPA is a long-trusted advisor to governments, central banks, high-security printers, and industries. With high-technology security inks at the core of its expertise, the company protects the majority of the world's banknotes, security and value documents from the threats of counterfeiting and fraud. SICPA extends its expertise to include identification and verification systems designed for an integrated approach to identity protection.

SICPA also integrates ink-based covert features and sophisticated traceability technologies to offer solutions and services to governments and industries, ensuring product authentication, traceability and protection as well as tax reconciliation.

Operating on five continents, SICPA is a global company providing technologies and services to many nations worldwide.

## Contact Information

As a leader in key security businesses, SICPA combines ink-based features with sophisticated identification and verification systems to offer fully integrated solutions designed for effective passport protection, control and identity data management.

**SICPA**
www.sicpa.com

Avenue de Florissant 41
Prilly, Suisse
1008

**Isabelle Maurice**
Conferences & Events Manager
isabelle.maurice@sicpa.com

**Diego Cabanelas**
Conferences & Events Specialist
diego.cabanelas@sicpa.com

**IDEMIA**
augmented identity

PLATINUM
SPONSOR



Enter the World of
**Augmented Identity**

## About IDEMIA

IDEMIA is the global leader in Augmented Identity for an increasingly digital world, with the ambition to empower citizens and consumers alike to interact, pay, connect, travel and vote in ways that are now possible in a connected environment. Our promise is simple: with our technology and innovations in hand, only you can be you.

Through our leadership in biometrics and end-to-end identities management, we make it our mission to keep public areas safer, facilitate passengers' journey and strengthen border security, while providing a unique and trusted identity for all citizens that can be used in real life or online.

For more information, visit www.idemia.com / Follow @IdemiaGroup on Twitter

## Contact Information

Idemia
www.idemia.com

11 Boulevard Gallieni,
92130 Issy-Les-Moulineaux, France

**Ms Isabelle POULARD**
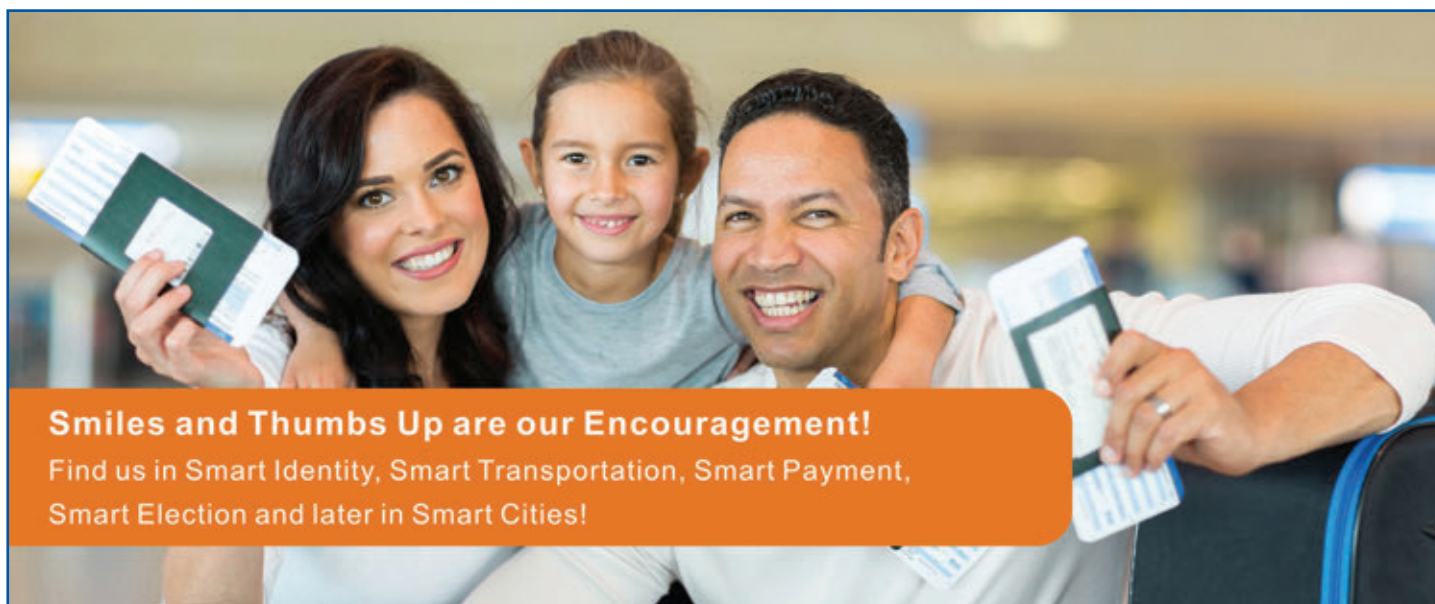VP Passport & Driver License
info@idemia.com
33 1 30 20 27 64

- Facilitation of passenger journey with integrated biometric control systems
- Registration, verification & matching of Identities
- Issuance & management of credentials
- Identification, authentication & transaction (in-person or online)

**Flexible delivery: from modules to turnkey solutions**

**Range of services: from standard professional services to full service operations**

**EMPTECH**

GOLD SPONSOR

**Smiles and Thumbs Up are our Encouragement!**
Find us in Smart Identity, Smart Transportation, Smart Payment, Smart Election and later in Smart Cities!

## About EMPEROR TECHNOLOGY

Established in 1995, Emperor Technology is one of the World leading Secure Identification solutions and services providers with a clear mission to make ID related products, solutions and services safer, smarter and more valuable.

Per our 23 years of valuable experience serving over 2 Billion People worldwide in the eID and ePassport Industry, we keep on innovating and advancing our products and solutions particularly for ID Documents enrollment, personalization, dispensing and verification. Our latest modular equipment design enhances customization, flexibility, reliability and user friendliness, whereby our innovative personalization technologies bring ID Documents' safety, quality and beauty to another advanced level.

## Contact Information

**Emperor Technology**
www.emperortech.com

9/F, Blcok C, Building 1, Software Industry Base, Nanshan District 518055,Shen zhen, China.

**Sandrine Li**
+ 86-755-83416677
marketing@emperortech.com
sandrine.li@emperortech.com

**Services:**

Comprehensive Secure Identity Solution, Service Provider serving, Smart Goverment, Smart Banking, Smart Transportation and Smart Election worldwide!

## gemalto
### security to be free

LUNCH
Wednesday
24 October 2018

GOLD SPONSOR



3M Cogent, Document Readers and Secure Materials—**now Gemalto**

> Biometric technology
> Identity verification and authentication
> Secure ID documents and materials

**Visit booth 2 to learn more.**

GEMALTO.COM

Delivering end-to-end, innovative security solutions for businesses and governments worldwide that help ensure the security of people and documents.

## About GEMALTO

Gemalto (Euronext NL0000400653 GTO) is the global leader in digital security, with 2017 annual revenues of €3 billion and customers in over 180 countries. We bring trust to an increasingly connected world.

From secure software to biometrics and encryption, our technologies and services enable businesses and governments to authenticate identities and protect data so they stay safe and enable services in personal devices, connected objects, the cloud and in between.

Our 15,000 employees operate out of 114 offices and are located in 47 countries.

For more information visit www.gemalto.com, or follow @gemalto on Twitter.

## Contact Information

**Gemalto, Inc.**
www.gemalto.com

9442 N. Capital of Texas Highway
Arboretum Plaza II, Suite 100
Austin TX 78759

**Ms. Nicole Williams**
Field Marketing Manager
nicole.williams@gemalto.com

- Electronic passport and components: booklet, cover, electronic cover, polycarbonate datapage, security features
- Enrolment, personalization and issuance solutions including operated services
- Border management, visa management, ABC (Automatic Border Control) and APC (Automatic APssport Control) systems
- Document verification systems Travel document security and design consulting services.

# VERIFAI.

GOLD SPONSOR
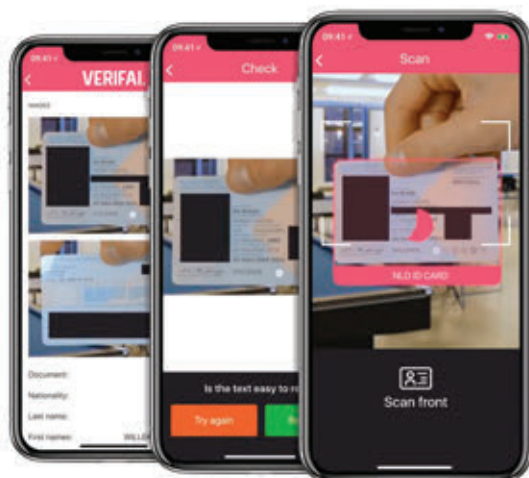
id verification
**done right**

powered by **AI**

## About VERIFAI

Verifai provides the most powerful ID verification software to verify identity. This offers ministries of Interior, Foreign Affairs and Immigration numerous possibilities:

1. Embed Artificial Intelligence and Deep Learning in border control processes, law enforcement and verification of citizen's IDs.
2. Verify and authenticate IDs from all over the world by checking against root certificates and by authenticating security features.

Verifai's ID verification software is also perfect for companies who seek to integrate an ID verification tool in their software, as we support UV/Infrared passport scanners, Android and iOS, and offer a web-based solution:

1. Verifai is a Software Development Kit that can be integrated seamlessly into your software as if it were your own;
2. With pricing 71.7% cheaper than alternatives, Verifai is the most affordable solution on the market.

Verifai also helps to drastically improve boarding speed and ID verification accuracy for airlines, airport authorities and aviation security agencies:

1. Verifai can be integrated with and connected to almost all existing software and hardware solutions in the aviation industry;
2. Our fast and accurate NFC tool checks against root certificates;
3. Verifai is fully GDPR-compliant and works offline.

Please visit our booth for more information or a demo!

## Contact Information

Verifai's all-in-one solution offers:
• AI-powered document classifier
   - Immediately recognize documents
• Document authentication
   - NFC reader + certificate check
   - Security features check

🌐 **Verifai B.V. (the Netherlands)**
www.verifai.com

@

**Robbin Hof MSc.**
Business Development
robbin.hof@verifai.com
+31-640959846

**Tim Pels Rijcken MSc.**
Specimen Acquisition
tim.pelsrijcken@verifai.com
+31-636164356

**Jeroen Doorenbos**
CEO
jeroen.doorenbos@verifai.com
+31-502113817

SILVER
SPONSOR



## PROVEN QUALITY TRUSTED SECURITY

30⁺ years in secure document personalization and issuance

## About GET GROUP

For more than 30 years, GET Group has established a global reputation as a leading provider of security printing, physical security, business solutions and commercial card printers. Using state-of-the-art security systems, innovative hardware, and software applications, GET Group provides institutions, enterprises and more than 25 governments worldwide with advanced solutions covering the full cycle of document personalization, including ePassport and ID personalization printers, laser engravers, laminators, security document inventory systems, in addition to comprehensive security document issuance systems.

Having been awarded the prestigious CMMI Level 5 international quality certification, the ISO 9001 standard for quality management, and the ISO 27001 standard for information security, GET Group's pioneering solutions, technological expertise, and wide integration capabilities help public sector organizations and private enterprises manage and optimize their processes and performance, thus providing them with a competitive advantage, synergies across their processes, and higher returns on operational investment

## Contact Information

**GET Group Holdings Ltd**
www.getgroup.com

EFT Building (DIFC)
Dubai, UAE
P.O. Box 95703

**Mr. Khaled Aziz**
Director of International Sales and Business Development
kaziz@getgroup.com

Services:
• Biometric enrollment
• Personalization and issuance
• Security printing
• Third-party integration
• Quality assurance

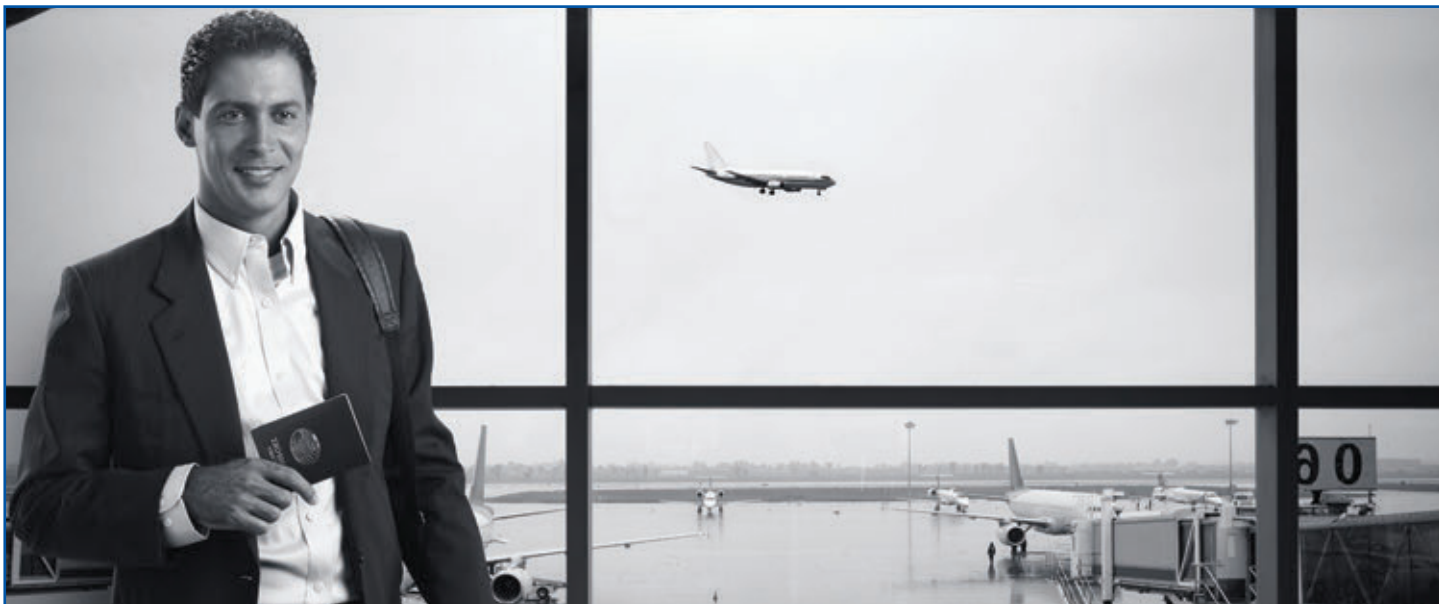# Entrust Datacard™

Trusted Identities | Secure Transactions

Networking Coffee
Wednesday All Day
24 October 2018

Coffee Break
Thursday
25 October AM

SILVER SPONSOR

BRONZE SPONSOR



## About ENTRUST DATACARD

Consumers, citizens and employees increasingly expect anywhere-anytime experiences whether they are making purchases, crossing borders, accessing e-gov services or logging onto corporate networks. Entrust Datacard offers the trusted identity and secure transaction technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passport and ID cards to the digital realm of authentication, certificates and secure communications. With more than 2,000 Entrust Datacard colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide. For more information, visit our website.

## Contact Information

🌐 **Entrust Datacard**
www.entrustdatacard.com

✉️ 1187 Park Place
Shakopee, MN, USA
55379

@ **Mr. Mark Joynes**
Marketing Director
Global Government Solutions
Mark.Joynes@entrustdatacard.com
1-613-270-3134

**Ms. Mary Olson**
Sr. Marketing Manager
Global Government Solutions
Mary.Olson@entrustdatacard.com
1-952-988-1256

Entrust Datacard empowers a secure and efficient border control ecosystem. Our solutions, designed to meet ICAO specifications, enable simplified citizen enrollment, secure issuance of sophisticated MRTDs, and provide the PKI infrastructure and automated validation capabilities to empower border control decision makers.

# SURYS

Coffee Break
Tuesday AM
23 October 2018

BRONZE
SPONSOR

DELEGATE
PASS
SPONSOR
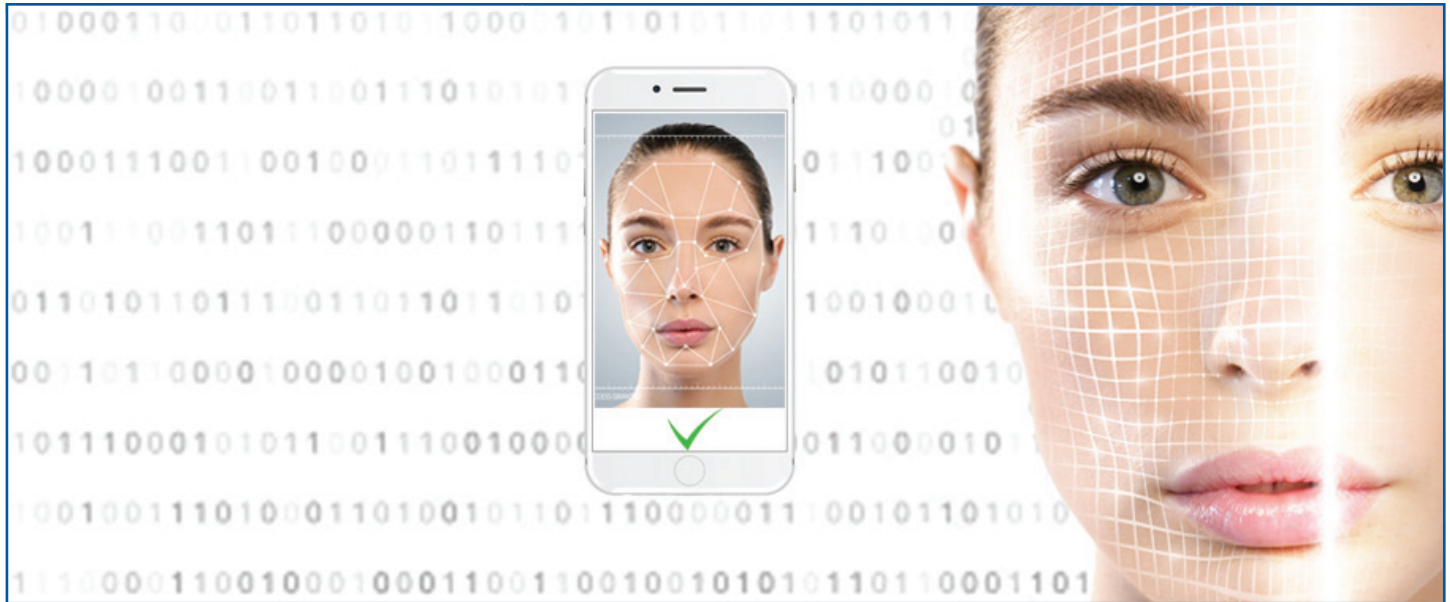


## About SURYS

Global reference in the field of security, SURYS offers a meticulously crafted range of optical and digital solutions to authenticate and track & trace documents and products. Carefully selected by governments, central banks and corporations, SURYS begins with science, a limitless source of fundamental and incorruptible foundations and manage the journey to confidence for SURYS clients' success.

With multiple references in the field of Identity, Banknotes, Vehicles and Brands & Products, SURYS solutions are recognized by world experts and comply with the highest security standards.

## Contact Information

**SURYS**
www.surys.com

22 avenue de l'europe
77600 Bussy Saint Georges

**Mrs. Marie-Sophie Bellot**
Marketing & Communication Manager
marketing@surys.com
+0033 1 64 76 31 00

Holography Security Laminate for ID card and passport. Personalization equipment (printers laminators for paper datapage passport).

Coffee Break
Tuesday PM
23 October 2018

BRONZE
SPONSOR



## About CANADIAN BANK NOTE

CBN is committed to delivering a superior customer experience to our many customers around the world. Integrating the right technologies with our award-winning design capabilities, we focus on developing solutions tailored to meet the specific needs of each customer. As a trusted partner and advisor, we build lasting relationships that assure the operational continuity and security of the solutions we supply and support. In so doing, we measure our success by how well we have helped our customers to meet or exceed their objectives.

CBN: the right partner, the right solution, the right choice

## Contact Information

Canadian Bank Note
Company Limited
www.cbnco.com

Mr. Dwight MacManus
Executive Director Marketing,
Border Security Solutions
dmacmanu@cbnco.com
613-225-3018

18 Auriga Dr.
Ottawa, Ontario, Canada
K2E 7T9

# OVD KINEGRAM

Coffee Break
Wednesday AM
24 October 2018

BRONZE
SPONSOR

## About OVD KINEGRAM

OVD Kinegram is the inventor and exclusive supplier of the KINEGRAM® - the most advanced optically variable security device - designed to protect government documents and banknotes. More than 110 countries trust the KINEGRAM to protect their high security documents and banknotes.

Thanks to the use of proprietary manufacturing concepts, OVD Kinegram is recognized as the innovation leader in the field of physical security and continues to introduce new product features which raise the barriers against even the most sophisticated counterfeiters.

In addition to the optical devices, OVD Kinegram also provides governments with attractive solutions for the RFID components in electronic passports and other biometric ID documents. To complement these products smartphone based document verification using digital inspection processes are available. The continuous improvements focus on the unique integration of physical, electronic and digital security solutions to provide an unprecedented level of protection against counterfeiting and manipulation. OVD Kinegram places great value in maintaining governments' trust. Trust is the highest level of recognition for proven security solutions, unfailing service and reliable support.

## Contact Information

**OVD Kinegram**
www.kinegram.com

Zaehlerweg 11
6301 Zug
Switzerland

**John Peters**
Manager New Business
john.peters@kinegram.com
+41 79 336 1750

**Steffi Brunnschweiler**
Event Management
steffi.brunnschweiler@kinegram.com
+41 41 724 4682

**KINEGRAM® security foils for the protection of travel documents**
- Embedded products for photo protection in polycarbonate data pages and card products;
- Security laminates for full face protection of paper-based data pages;
- Special gold foil for passport covers;
- Surface applied foil patches for design integration of Visa documents.

**KINEGRAM® RFID inlays for biometric travel documents**
- eCover inlays or complete eCover sheets including gold foil designs;
- Polycarbonate inlays for integration in electronic data pages and card products;
- Dual-interface solutions using "bonding free" coil-on-module in polycarbonate;
- Customized antenna designs with free-form image in window.

**KINEGRAM® Digital solutions for document verification**
- Mobile document inspection and verification using smartphone apps;
- Optical machine authentication of KINEGRAMs using standard document readers.

Coffee Break
Wednesday PM
24 October 2018

BRONZE
SPONSOR



## About IN GROUPE

A partner of the French government for close to 500 years, IN Groupe offers identity solutions and secure digital services, at the leading edge of technology and integrating electronics and biometrics.

From components to services and from documents to interoperable systems, IN Groupe is a global specialist in identity and secure digital services. The institution plays a daily role in facilitating everyone's life: helping states exercise their sovereignty, citizens protect their identity and businesses preserve their integrity.

Whatever the issue, IN Groupe contributes to asserting a fundamental right for everyone: the right to be you.

## Contact Information

**IN Groupe**
www.ingroupe.com

104 Ave Du President Kennedy
Paris 75016
FRANCE

**Romain Galesne-Fontaine**
Director of Institutional Relations
+33(0)1 40 58 30 00

Facebook: @imprimerienationale
Twitter: @IN_Groupe
LinkedIN: www.linkedin.com/company/in-groupe/

ID PRODUCTS

• Biometrics' solution: Enrolment, Biometric identification, Border entry and Exit control

• Travel: Passports and visas

• Citizens: National ID Cards and Residence Permits

• Transports: Driving licences and qualified professional driver cards, electronic tachograph (Taxis, Trains, HGVs, etc.)

• Government Employees: Official ID cards (Police, Gendarmerie, Customs Officers, etc.)

**APPLICATION**
SPONSOR

## About HID GLOBAL

HID Global powers the trusted identities of the world's people, places and things.  We make it possible for people to transact safely, work productively and travel freely. Our trusted identity solutions give people convenient access to physical and digital places and connect things that can be identified, verified and tracked digitally. Millions of people around the world use HID products and services to navigate their everyday lives, and over 2 billion things are connected through HID technology. We work with governments, educational institutions, hospitals, financial institutions, industrial businesses and some of the most innovative companies on the planet. Headquartered in Austin, Texas, HID Global has over 3,000 employees worldwide and operates international offices that support more than 100 countries. HID Global® is an ASSA ABLOY Group brand.

## Contact Information

**HID Global**
www.hidglobal.com

611 Ridge Center Drive
Austin, TX 78753
United States

**Ms. Margie Komp**
Director of Marketing,
Citizen Identity Solutions
mkomp@hidglobal.com

**Mr. Steve Warne**
Senior Director, Product Marketing
swarne@hidglobal.com

**Mr. Jean-Baptiste Milan**
Mobile ID Product Marketing Manager,
Citizen Identity Solutions
jmilan@hidglobal.com

**The company's primary brands include:**
• HID®, ActivID®, EasyLobby®, FARGO®, IdenTrust®, LaserCard® and Lumidigm®.

## About SEMLEX EUROPE S.A.

SEMLEX, founded in 1992, relies on a broad experience in development, integration, operational management and supply of high technology systems in identification and authentication.

Semlex provides a reliable system of identification, the BNS (Biometric Network System), as well as highly protected official documents. Thanks to the integration of biometric technologies, fiduciary techniques and other safety systems, Semlex offers high quality services and products to a growing number of clients worldwide.

The technology used by Semlex is based on biometric identification and authentication systems making it possible to automatically diagnose or monitor a person's identity with his fingerprints, facial recognition or iris print image. The latest printing techniques are used for manufacturing and personalization of the documents: sublimation, retransfer and laser engraving.

The systems developed by Semlex operate in a highly secured computing environment: data encryption (PKI), image compression, fiduciary documents and client/server architecture whose accesses are strictly controlled.

## Contact Information

**Semlex Europe s.a.**
www.semlex.com

384 Avenue Brugmann
1180 Brussels
Belgium

**Mr. Ralph Hajjar**
Sales Manager
r.hajjar@semlex.com

europe@semlex.com

+32 2 346 80 19

- Border Management System (land and maritime)
- Biometric Network System (BNS©)
- E-passport Personalization System
- Travel document booklet manufacturing
- Biometric and electronic checking of documents
- Travel documents control at airports
- E-Gates

# X INFOTECH
secure identity and payments



## Software Solutions for eID Documents
VERIFY · AUTHENTICATE · AUTHORISE

## About X INFOTECH

X Infotech (www.x-infotech.com) is a global provider and integrator of software solutions for identity documents and smart cards. The company helps governments, local document producers, banks and financial institutions to implement eID and smart card programs, providing the IT infrastructure and empowering them to take full and autonomous control of their projects and businesses.

X Infotech offers a range of software solutions and services for the implementation of electronic identity documents, electronic payment cards, social and healthcare cards, driver licenses as well as border control solutions. These solutions are compatible with any type of chip or personalization equipment, and are easily modified. All software components can be easily mixed and embedded in a variety of combinations and frameworks, depending on the customer needs.

Headquartered in Europe, X Infotech boasts of having 200+ projects successfully implemented, including government large-scale projects with billions e-ID credentials. Today we have customers in 45+ countries, including Europe, Africa and Latin America.

## Contact Information

**X Infotech**
www.x-infotech.com

Daugavas street 38,
Marupe, Latvia
LV-2167

**Mr. Sergey Yeliseyev**
Business Development Director Government eID solutions
sergejs.jelisejevs@x-infotech.com

**Ms. Jelena Razdorova**
Business Development Manager
jelena.razdorova@x-infotech.com
+371 67930171

Software solutions offered by X Infotech:
• Citizen Identity
• Document Personalization
• Process Management
• PKI

# PPG Teslin®

**Engineered for security.
Designed for protection.**

Proven globally for durable
and secure ePassport
eCovers and inlays

## ABOUT PPG TESLIN® SUBSTRATE

As a global leader in the field of secure synthetic papers, PPG has earned the trust of governments that specify PPG TESLIN® substrate for high-security credentials such as e-Passports, national identification cards and drivers' licenses. Contributing to the success of these programs, TESLIN substrate is a unique microporous material that delivers inherent security and superior durability in identity travel documents and other credentials. For more than a decade, TESLIN substrate has been the proven choice for e-Passport e-Covers and inlays, due to its ability to exceed durability requirements and provide un-breached document security with low material and processing costs.

## Contact Information

🌐 **PPG TESLIN® Substrate Products**
www.teslin.com

✉ 440 College Park Drive
Monroeville, PA 15146
USA

@ **Mr. Pierre Scaglia**
TeslinInfo@ppg.com

**Security substrates for:**
• e-Passport e-Covers and inlays
• Government IDs and driver's licenses

# Access IS
www.access-is.com

EXHIBITOR

## About ACCESS-IS

Access-IS, headquartered in Reading (UK), operates in over 72 countries around the globe in four highly specialised verticals; Airport & Airline, Identity & Security, Transport & Ticketing and specialist custom keyboards. Our products are now the 'de-facto' standard for some of the largest banks, airlines, transport systems and retailers in the world, the product range includes boarding gate readers, a wide range of document readers for ID document capture and scanning and ticket readers for ground transport and access control.

Access-IS Identity & Security products are designed to read e-Passport, e-ID and e-DL for governmental and commercial applications. From the world's smallest OEM OCR reader to our ID verification systems, we have a solution for every application; Border control, Immigration, Document Issuance, Law Enforcement, Banking, Retail, Data Capture, KYC or Anti-Money Laundering and Age Verification.

## Contact Information

🌐 **Access-IS**
access-is.com

✉ 18 Suttons Business Park
Reading, Berkshire, UK
RG6 1AZ

@ **Mr. Ludovic Coumétou**
Ludovic.coumetou@access-is.com

**Access-IS have solutions for:**
- Biometric Enrollment
- Border control & Immigration
- Document & Visa Issuance
- Elections & Voter Registration
- ID Authentication
- KYC or Anti-Money Laundering
- Police & Law Enforcement

**EXHIBITOR**
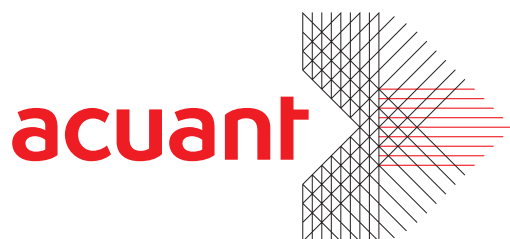
# Ozone®

## About ACUANT

Acuant's Ozone® e-Passport Suite brings simplicity to the complexities of the e-Passport lifecycle, and the underlying technologies that provide the security and risk management capabilities required with the deployment of secure travel documents.

Ozone® offerings enable issuers to produce e-Passports (intended to meet ICAO standards) and their supporting PKI components, and enable border personnel to implement technology that reduces manpower requirements while also facilitating larger numbers of travellers through a border expeditiously and securely. The Acuant Ozone® solution set provides capabilities to support:

• e-Passport Issuance / PKI & Security Object Encoding
• e-Passport Quality Control / Forensic Analysis
• e-Passport Authentication

Each module is provided as a simple-to-implement web service that can easily be incorporated into any existing Issuance or Inspection system; or to establish standalone e-Passport PKI and document inspection capabilities within issuance, forensic, and secondary environments.

As locally deployed capabilities, or via the Acuant Trust Framework managed service, these modules implement robust, comprehensive document authentication processes which evaluate both the physical and electronic security features of e-passports, legacy passports, driver licenses, and national and military identification cards across connected, disconnected, and mobile platforms. The Framework also supports Facial Recognition Matching processes to validate the bearer against the authenticated document.

Ozone® is designed to integrate with ICAO PKD & other border solutions around the world to make sure you have up-to-date information to validate the authenticity of an e-Passport and the data encoded within the chip. Its powerful policy controls allow you to set country specific policy sets to maximize the security enforced specific to the current posture of each country.
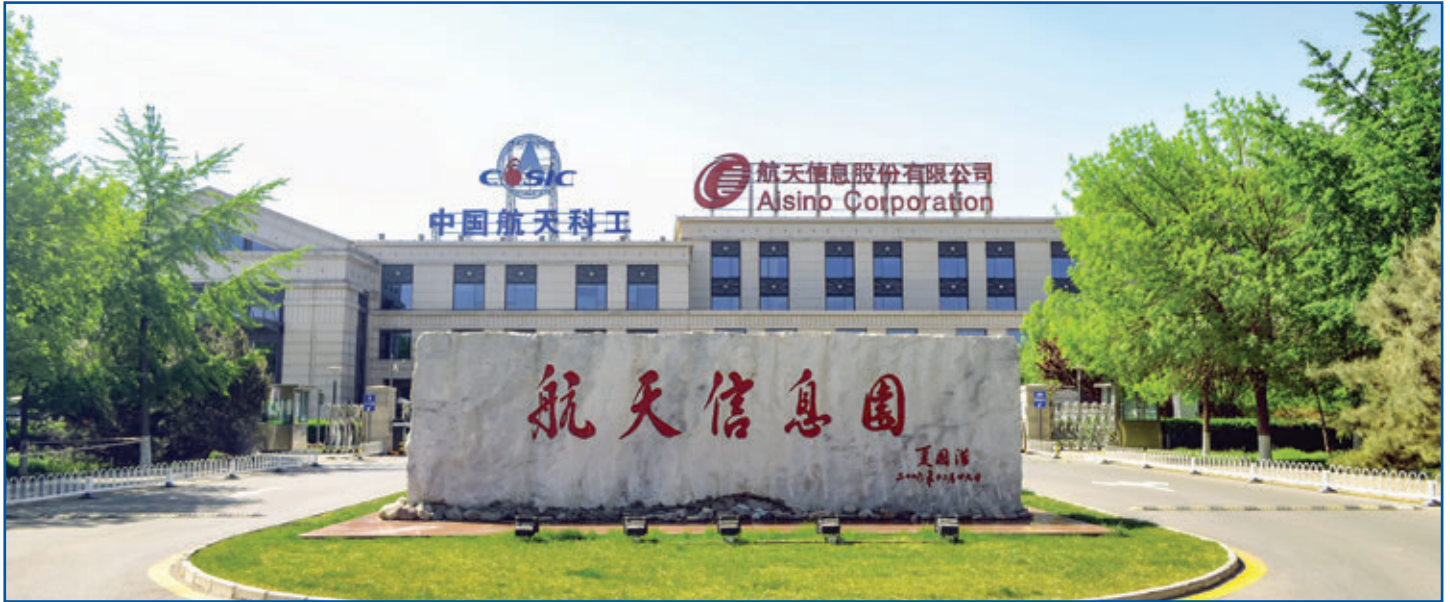
## Contact Information

🌐 **Acuant**
www.acuantcorp.com

@ **Paul Townsend**
Business Development Federal Systems
+1 (301) 908-0293
ptownsend@acuantcorp.com

**Kevin Vreeland**
Managing Director Global Alliance Partners
+1 (603) 935-4131
kvreeland@acuantcorp.com

# Aisino 航天信息

## About AISINO CORPORATION

Aisino Corporation is a listed high-tech IT enterprise with a focus on information security businesses and a major contributor to China's key national computer system projects.

Devoted to development, supply, system integration and support services for border control administration, Aisino has undertaken China's National Exit & Entry Administration Information System, the Integrated Information System for Foreigner Service and Management, and the Global Passport Authentication Library Project for the Ministry of Public Security of China and the New Immigration Control System of Hong Kong. Aisino has also supplied passenger clearance e-channels and "one-stop" vehicle clearance system for multiple control points in China.

One of the strongest companies in the field of Internet of Things in China, Aisino has complete solutions in public security, e-government, smart transport, logistics tracking, EID, etc.

A leading enterprise in China's taxation informatization, Aisino provides solutions and products to taxation authorities and over eight million taxpayer companies in China.

Aisino is also a supplier of financial payment products and specialized services with a leading position in China.

## Contact Information

**Aisino Corporation**
www.aisino.com

**Ms. Arina LI**, Business Manager
liyaqun@aisino.com
86-010-88896800

**Ms. Irene ZHANG**, Sales Manager
irenezhang@aisino.com
86-755-82561401

**Mr. WANG Pu**, Project Assistant
wangpua@aisino.com
86-010-88896820

**Products and solutions for border control:**
- Immigration control system
- Foreigner visa management and biometric authentication system
- Global passport authentication library
- E-Gate
- Self-service kiosk

**Products and solutions for identity management:**
- Population management system
- Personalization machines
- Readers
- ID card dispensers

# ANY
## BIZTONSÁGI NYOMDA
### SECURITY PRINTING COMPANY
**FORMER STATE PRINTING COMPANY**

Passports, visa stickers, eID cards
**PRODUCTION AND PERSONALISATION**

## About ANY SECURITY PRINTING COMPANY PLC

ANY Security Printing Company PLC (former State Printing Company) is the leading security printing company in Hungary and in the Central and Eastern European region. ANY PLC produces and personalises millions of cards year by year, including the new, Hungarian eID cards that were launched on 1st January, 2016 and EU Residence permit as well. Hungarian biometric passports and 50 types of documents are personalised by ANY, providing the full range of logistical services and it has the technological and professional background for production and personalisation of e-Passports and visas. ANY offers fully ICAO 9303 compliant passport booklets and visa stickers carrying much more security elements than it is obligatory.

The Company supports state administration in document and product protection projects from conception planning to production as it has more decades of experience and references in document issuing. Products and solutions include different fields: eID, passport and visa for personal identification, excise and tax stamps for fight against black economy and ballot printing. Numerous security solutions have been developed in its Document Security Laboratory, including security inks and paper additives, document printers and special document control devices.

## Contact Information

**ANY Security Printing Company PLC**
www.any.hu

H-1102 Budapest,
Halom utca 5. Hungary

**Mr. László Balla**
Chief Sales Officer
info@any.hu
+36 1 431 1200

Our solutions include:
production of e-passport, visa, eID; consultancy in document issuing; complex data collection; security document printers; support for ICAO standards, biometrics and PKI; desktop and mobile control devices; full lifecycle management.

# ARH

## About ARH

ARH has been driving innovation in the ID reader industry for over 27 years. Our strong point is the development of high-end document reading and verification technology, typically used as the 1st line of authentication at airports and borders. We are proud of our engineering excellence through in-house expertise, prime solutions and our innovative, tech-savvy team.

As a developer of passport reader software and hardware, ARH designs, manufactures and delivers purpose-made ID scanners. ARH is a market leader with worldwide references.

ARH's ID reader portfolio includes desktop devices and readers for kiosk integration – capable of reading all the travel documents in the world, even national ID's not complying with international standards. ARH's proprietary controllers and RFID antennas are compliant with the latest standards including BSI. In cooperation with like-minded innovators, ARH offers an entire digital ecosystem of passport readers.

**Services:**

Core products for identity check:

- ID document readers

- OCR and authentication software

## Contact Information

**ARH Inc**
www.arh.hu

41. Alkotas Street
Budapest
1123 Hungary

**Mrs. Borbala Magyar**
**Director of Sales for Passport Reader**
**& Biometrics**
borbala.magyar@arh.hu
+36 1 201 9650

## About COVESTRO LLC

Covestro LLC is one of the leading producers of high-performance polymers in North America and is part of the global Covestro business, which is among the world's largest polymer companies. Business activities are focused on the manufacture of high-tech polymer materials and the development of innovative solutions for products used in many areas of daily life. Covestro is a leader in high-quality, made-to-order polycarbonate films and blends, as well as thermoplastic polyurethane films and specialty elastomer films.  With more than three decades of film experience in the development and production of films, we contribute to solving your product and processing challenges. Our extensive portfolio of innovative film products expands to address numerous applications across many industries, including Secure Identification applications. Covestro's family of Makrofol® polycarbonate films enables the incorporation of a wide range of high-performance security features in ID Cards and Passports.

**Services or primary brands:**

Covestro's product line of Makrofol® polycarbonate films enable the incorporation of a wide range of high-performance security features in ID Cards and Passports. Additionally, with more than three decades of film experience in the development and production of films, we contribute to solving your product and processing challenges.

## Contact Information

**Covestro LLC**
www.films.covestro.com

**Frank Mannarino**
Market Development
frank.mannarino@covestro.com
**774-217-8275**

# crypto∨ision

Flexible eID solutions for enterprises and governments

## We create your eID Solution

- Java Card Applications
- Smart Card Middleware
- Public Key Infrastructure

For various types of electronic documents.

## About CV CRYPTOVISION GMBH

There is no doubt that electronic identity (eID) cards for both enterprises and governments are booming. Being one of the hottest future technologies eID cards provide a huge range of attractive applications. Governments especially profit from the eID use cases border crossing, online authentication, and Payment. Highly interesting application fields for enterprises are strong authentication, physical access with time recording, and digital signatures.

cryptovision offers you a turnkey solution for your national eID or company eID project. Our solutions are based on our modular e-ID framework ePasslet Suite, which enables the design of a highly individualized e-ID card system with post-issuance launch ability. ePasslet Suite is usually combined with our flexible smart card middleware sc/interface and our high-end PKI solution CAmelot. Together with proven solutions (e.g., card management, HSM, and biometry) provided by our long-term partners we build you exactly the eID system you want.

In its 18 years of history cryptovision has delivered hundreds of successful e-ID and cryptography projects in over 20 countries. Among our customers are the government of Nigeria, Allianz, the German Armed Forces (Bundeswehr), Allied Irish Banks (AIB), and many more. 150 million people worldwide make use of cryptovision solutions.

## Contact Information

**cv cryptovision gmbh**
www.cryptovision.com

Munscheidstr. 14
45894 Gelsenkirchen
Germany

**Benjamin Drisch**
Product Manager Card Applications
benjamin.drisch@cryptovision.com

cryptovision offers you a turnkey solution for your national eID or company eID project. Our solutions are based on our modular e-ID framework ePasslet Suite, which enables the design of a highly individualized e-ID card system with post-issuance launch ability.

EXHIBITOR



## About DE LA RUE

The World's population is forecast to reach 11.2 billion by 2100, and combined with the social and economic challenges brought about by increased global travel, migration and security threats, the need for every person globally to have a legal and secure identity has never been greater.

De La Rue is a leading provider of sophisticated products and services that keep nations, their economies and their populations secure. At the forefront of identity management and security, De La Rue is a trusted partner of governments, central banks and commercial organisations around the globe.

To find out more visit the De La Rue stand – 28 – and make sure you pick up our De La Rue ICAO 2018 newsletter.

## Contact Information

**De La Rue**
www.delarue.com

**Phillipa Peploe**
Phillipa.peploe@uk.delarue.com

Twitter: https://twitter.com/DeLaRuePlc

LinkedIn: https://www.linkedin.com/company/163393

YouTube: https://www.youtube.com/channel/UC0jLmRCwxK94tnkjIfosEgQ

As global specialists in citizen identity management, we deliver passports and national identity services, eGovernment and complete identity data management solutions.

# DERMALOG
### THE BIOMETRICS INNOVATION LEADER

## About DERMALOG

DERMALOG Identification Systems GmbH with head offices in Hamburg is Germany's pioneer for biometry and the largest German manufacturer of biometric devices and systems. This includes state-of-the-art solutions to improve the security and efficiency of border traffic.

Twelve states, including Singapore, Malaysia, Maldives, Cambodia, Algeria and Brunei, are already relying on DERMALOG's solutions to monitor their national borders. The company's fingerprint scanners are also in use at German airports and border crossings in Switzerland and the Netherlands. This makes DERMALOG Europe's leading provider of border control systems.

The core of DERMALOG's solutions is a so-called Automated Biometric Identification System (ABIS). The multimodal system can match not only fingerprints but also additional biometric features such as facial or iris patterns. This makes DERMALOG ABIS much more accurate than solutions that check only one feature.

Especially for border controls at airports, DERMALOG has developed the DERMALOG Self Registration Kiosk and the DERMALOG Gate. Equipped with the latest camera and scanner technology, travelers can be checked fully automated. Video surveillance systems with integrated face recognition complement the company's portfolio. If monitoring from the airspace is required, the DERMALOG technology can also be integrated into drones.

## Contact Information

**DERMALOG Identification Systems GmbH**
www.dermalog.com

**Mr. Henning Nehse**
Sales Manager
henning.nehse@dermalog.com
+49404132270

**Ms. Lorena Rivas Garcia**
Marketing Manager
lorena.rivasgarcia@dermalog.com
+49404132270

**DERMALOG technology for innovative border management:**
• Multimodal Biometric Identification (ABIS)
• Biometric Gates
• Biometric Self-Registration Kiosks
• Biometric Passports
• Biometric Video Surveillance

# DNP

DNP's Holographic Security Features

**Full 3D** — When it is tilted vertically and horizontally, you can observe a very clear 3D effect showing both depth and parallax.

**3D (Virtuagram ™)** — 3D CG model can be recorded as what it is as 3D hologram object. The calculation process of converting 3D CG data to E-Beam lithography data, the recording process and the lithography process are the know-how and patent of DNP.

**LED-viewable** — Hidden letter or image is retrieved by irradiating spot light source such as LED.

## About DAI NIPPON PRINTING CO., LTD.

DNP is a Japanese comprehensive printing company founded in 1876 that provide a variety of products and services in a wide range of business fields to consumers and some 30,000 corporate clients worldwide.

With the longstanding experience and cutting-edge technologies, DNP provides innovative products and solutions for high security market such as financial cards, governmental ID documents, authentication of high-end brand products.

Since the pioneering establishment of mass production technology of holograms in 1982, hologram has been one of DNP's key products for anti-counterfeiting and authentication market. DNP provides two types of holograms such as embossed type and volume type in various formats including labels, lamination films and heat-transfer foils.

DNP also offers products for ID cards and passport datapages incorporating its hologram and other security printing.

For more information, please visit our website.
http://www.dnp.co.jp/international/holo/
http://www.dnp.co.jp/eng/

## Contact Information

**Dai Nippon Printing Co., Ltd.**
http://www.dnp.co.jp/eng/
http://www.dnp.co.jp/international/holo/

**Yuichiro "Ozzy" Ojima**
Marketing Manager
Ojima-Y3@mail.dnp.co.jp
Oudeweg 42, 2031 CC Haarlem,
The Netherlands

**Yusuke Kitagawa**
Sales Manager
Kitagawa-Y3@mail.dnp.co.jp
1-1-1 Ichigaya Kagacho,
Shinjyuku, Tokyo 162-8001,
Japan

**Services or primary brands:**

Hologram and other security products for governmental ID documents

# ecologicalfibers,inc.
## ENVIRONMENTALLY SOUND COVER SOLUTIONS

**EXHIBITOR**



## About ECOLOGICAL FIBERS

Ecological Fibers is the industry leader in environmentally-friendly security document cover materials, all ACURA® grades are manufactured responsibly and sustainably. Our multi-layered, water-based coatings offer extreme document protection through an FSC® certified material. Designed to withstand wear, tear, and abrasion we take manufacturing a step further with synthetic fiber reinforced paper options—latex-saturated paper is an industry standard—exceeding the most extreme document performance requirements.

Precisely built from high-performance paper substrates, ACURA® offers a wide range of security document cover materials to meet and exceed your official requirements and product specifications. Offered in unlimited custom colors, textures, and prints, we have an ACURA® product to fit any security document need— from the highest government standards in passport durability to modern bank books, IDs and registration booklets.

The ACURA®Tex product line offers all the advantages of our ACURA® security coating system with the added strength and performance of textile substrates. ACURA®Tex products are designed to meet the extreme demands necessary for the world's most prestigious documents. Available in 100% cotton and poly-cotton blends, ACURA®Tex offers multiple weave patterns to meet any and all security document requirements.

## Contact Information

🌐 **Ecological Fibers, Inc.**
www.ecofibers.com

@ **John C. Quill**
Security Document Division Manager
johnq@ecofibers.com
978 537 0003

**Services:**
ACURA® and ACURA®Tex security document cover materials are produced and customized to meet your unique security and durability requirements. We offer materials in a variety of calipers and weights to meet your booklet design. Custom colors, prints, textures, and new covert features are exclusively created to make your next passport project a one-of-a-kind.

**Real Casa de la Moneda**
Fábrica Nacional
de Moneda y Timbre

## About FNMT

Fábrica Nacional de Moneda y Timbre-Real Casa de la Moneda (FNMT-RCM) has been working for public and private organizations, providing custom-made solutions, protecting data with total guarantee, designing and manufacturing documents that incorporate the most advanced security measures, developing new identification systems...

Its activity encompasses security paper manufacturing, printing of banknotes, postage stamps, fiscal seals, security labels, identification documents, passports, entrance tickets, minting of circulating and collector coins, development and manufacturing of smart cards and electronic certificates and services associated with the implementation and full development of national identification systems.

Its products and services have always included the know-how, the experience and the commitment to the most advanced technology in every historic moment. A wide range of quality solutions widely recognized by international certifications.

## Contact Information

**Fábrica Nacional de Moneda**
www.fnmt.es/en/

**Alberto Sanchez**
ID Documents and
Cards Director
+34 915 666 559
+34 679 433 127
albertosanchez@fnmt.es

**Julia Agenjo**
Marketing and
New Products Manager
+34 915 666 664
+34 620 818 857
jagenjo@fnmt.es

**Isaac Sierra**
Marketing and New Products
Technical Assistant
+34 915 666 743
isaac.sierra@fnmt.es

Security - Quality - Tradition - Innovation

Our main products and solutions are Identification Documents, Banknotes, Security paper, Electronic cards, Graphic Products, Collector Coins and Circulating Coinage.

Our main services are Advice and Consultancy, Identification Projects, Digital Certification, Laboratory, Digitalization and Pre-press.

# HOLLISTON ™

## About HOLLISTON

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 then 60 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.

A country's foremost responsibility is to protect its citizens and its borders in these particularity turbulent times.. trust Holliston for all of your security needs.

## Contact Information

**Holliston**
www.holliston.com

@ **Mr. Bill Waldron**
VP Security Sales
bwaldron@holliston.com
001-423.357.6141

**Security Cloth**
• Enviro-Mate ® H
• Enviro-Mate ® T
• Secure-Mate ® L
• Secure-Mate ®

**Security Paper**
• Data-Mate ® MW

**iai industrial systems**
part of HID Global
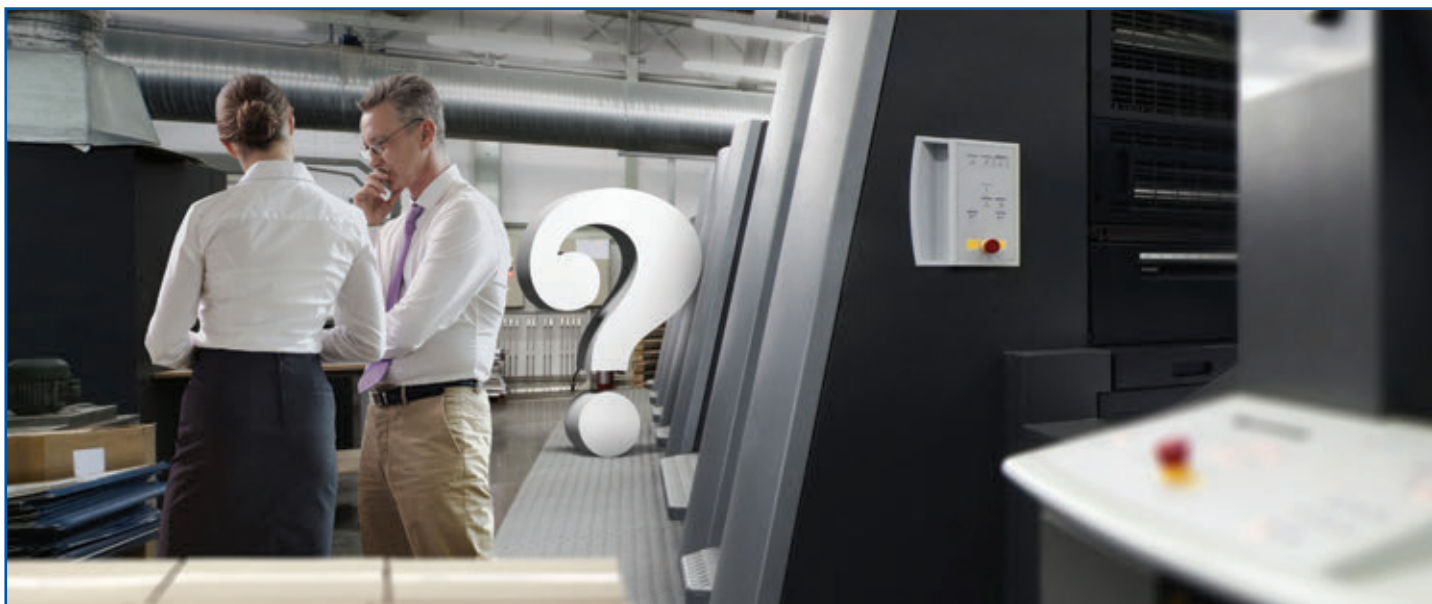
## About IAI INDUSTRIAL SYSTEMS

IAI industrial systems, part of HID Global, supplies systems to personalise and secure passports, ID cards (such as driving licenses, residence permits and national identity cards) and banknotes. IAI has been at the forefront of secure document personalisation for many years, providing unique and advanced systems for a broad spectrum of industrial users. Constantly seeking to improve our products by developing innovative new personalisation technologies and features. As a result of this experience and our extensive knowledge, IAI has gained an excellent reputation for the design and supply of industrial production systems where laser, optics, inkjet printing, material handling and precision mechanics play key roles. More than 30 countries in the world have chosen IAI as their preferred partner to help them create documents with the most advanced security features. These include Belgium, Brazil, Finland, Ireland, Norway, Sweden, Switzerland, Thailand, The Netherlands, Turkey and many others.

## Contact Information

**IAI industrial systems**
www.iai.nl

De Run 5406
5504 DE. Veldhoven
The Netherlands

**Mr. Bart Crols**
Managing Director
bart.crols@iai.nl
+31 6 11 32 06 94

**Mr. Gautam Paul**
Sales Director APAC
gautam.paul@iai.nl
+65 96 70 27 13

**Mr. Sedat Alkir**
Sales Director EMEA
sedat.alkir@iai.nl
+31 6 83 80 24 24

**BookMaster® passport personalisation systems highlights**
- Modular setup, highly configuarable functionality and scalable throughput
- Laser engraving and inkjet technology in the BookMaster family is forensically identical
- Industrial design for sustained production
- Low operational costs

# INNOVATIVE TRAVEL SOLUTIONS YVR

EXHIBITOR
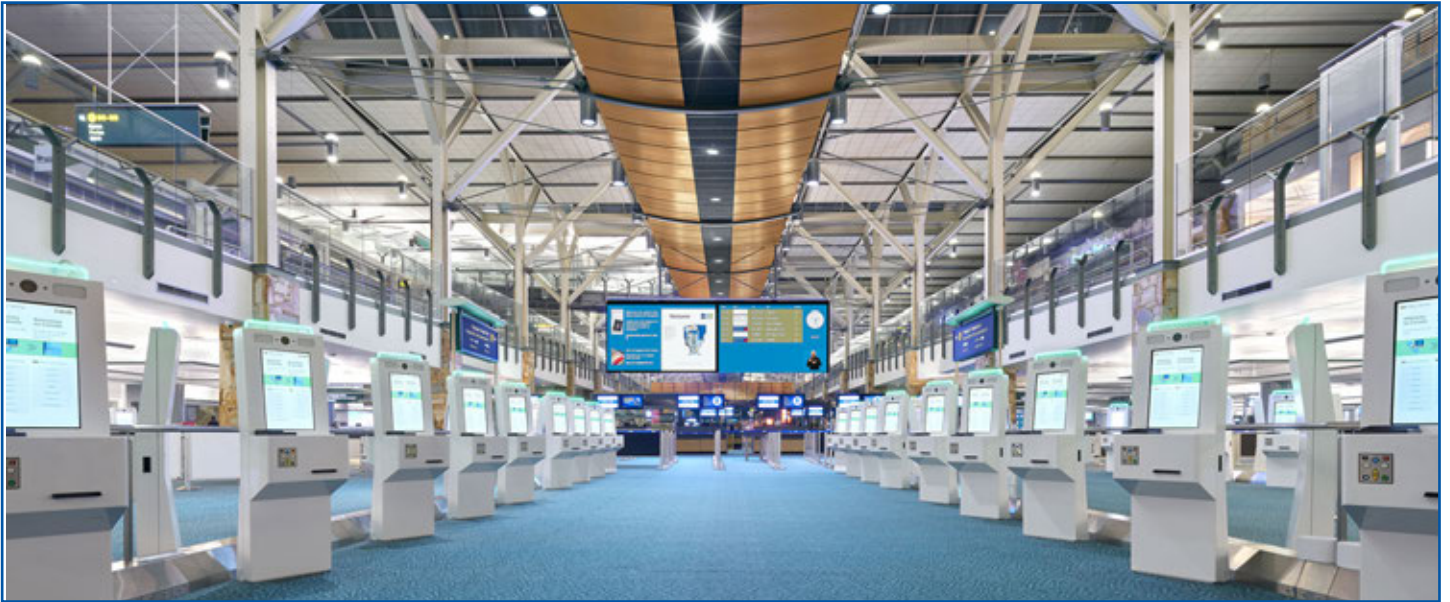


## About INNOVATIVE TRAVEL SOLUTIONS

Innovative Travel Solutions (ITS) is the innovation team at Vancouver International Airport (YVR), voted North America's Best Airport for 9 straight years by Skytrax World Airport Awards. In 2009, the innovation team implemented BORDERXPRESS™ at Vancouver International Airport and soon discovered that other airports and governments might also want the ability to reduce wait times and increase their international arrivals traffic without having to add additional space or staffing resources. ITS has now sold to 43 airport and seaport locations worldwide processing more than 180 million passengers.

BORDERXPRESS™ kiosks provide a modern and efficient experience and are a smart choice for airports and governments as they help to reduce overall operating costs and allow airports to expand passenger traffic without having to add additional space or staffing resources. The kiosks also free up border security officers to focus more closely on enforcement and intelligence efforts.

In 2018, ITS announced the installation of 74 BORDERXPRESS™ kiosks at Pafos International Airport and Larnaka International Airport in Cyprus. This marks a major milestone for the industry and ITS, as it is the first implementation of permanent kiosks for Entry and Exit border control in Europe.

## Contact Information

**Innovative Travel Solutions (ITS)**
http://www.yvr.ca/inv

**Christopher Gilliland**
Director, Innovative Travel Solutions
inv@yvr.ca

**Keri Phoenix**
Manager, Innovative Travel Solutions
inv@yvr.ca

**innovatrics**
YOUR BIOMETRIC PARTNER

**Our passion**
for technology brings
**biometric benefits**
to millions of people

## About INNOVATRICS

Innovatrics is an independent provider of biometric software solutions for identity management projects. Since 2004, Innovatrics has been helping organizations prevent identity fraud using innovative biometric solutions.

Innovatrics has successfully completed over 500 projects in 70 countries, with over 900 million people having been biometrically processed using Innovatrics software. Innovatrics' line of next-generation identity management technologies includes Innovatrics ABIS - the world's top performing Automated Biometric Identification System, SmartFace - a proven facial biometric solution, and Digital Onboarding Toolkit.

With a global team of experts, Innovatrics is dedicated to working with partners around the world to deliver powerful identity management solutions.

## Contact Information

**Innovatrics**
www.innovatrics.com

Pri vinohradoch 82
831 06 Bratislava
Slovak Republic

**Mr. Bill Dumont**
Business Development Manager
bill.dumont@innovatrics.com

**Mr. Vladimir Kostiviar**
Business Consultant
vladimir.kostiviar@innovatrics.com

**Our products:**
• Innovatrics ABIS
• Face Recognition Solutions
• Digital Onboarding Toolkit
• Mobile biometrics

# Inspectron

## ENSURING DOCUMENT INTEGRITY

LAMINATE/HOLOGRAM

PERSONALIZATION

PRE-PRINTED/
SECURITY FEATURES

RFID ANTENNA

SUBSTRATE
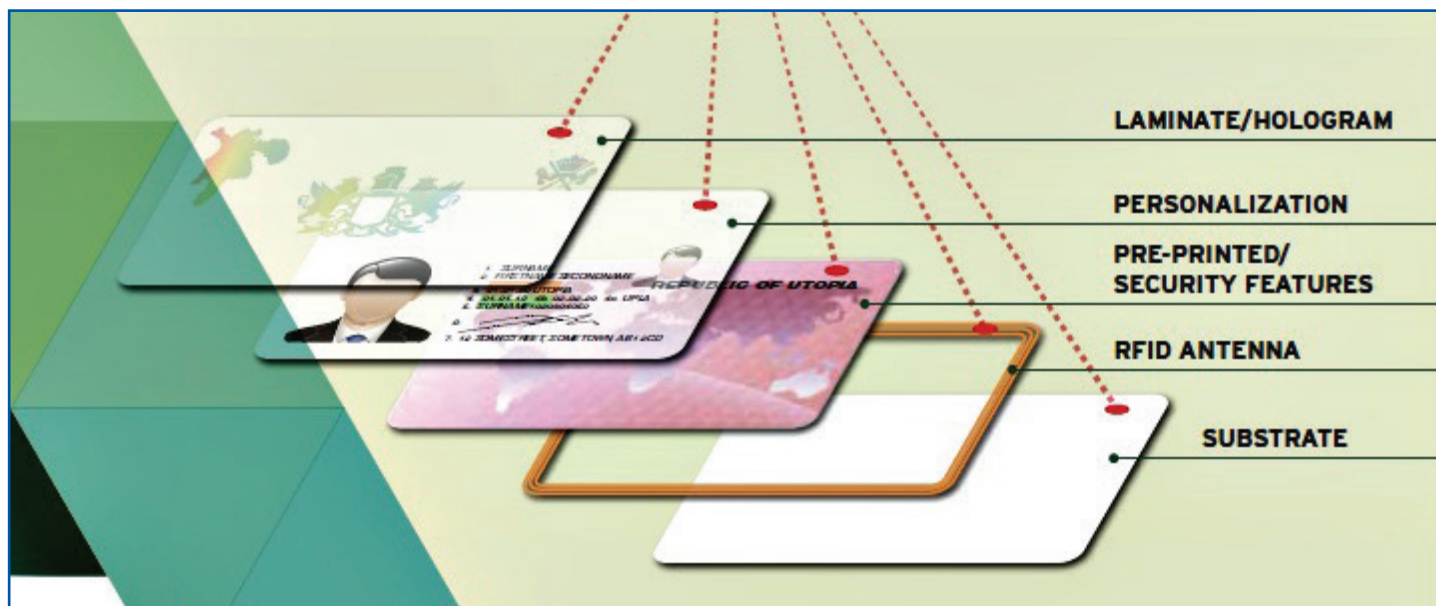
## About INSPECTRON

Since 1976, Inspectron has been at the forefront of the document integrityand verification marketplace.

Whether a document is an e-passport, ID card, personalized document, credit card or a transactional document, it is important to ensure that all stages of the production are correct. It is crucial that they are correctly assembled, matched and personalized to the intended recipient.

Accountability and traceability are key factors all the way through the various production processes to final fulfilment. A Passport or Currency Page simply can't go missing during production. We combine outstanding technical expertise with world-class products to meet your individual requirements. Our solutions are designed to work on individual production equipment through to multiple devices and sites. We capture, manage, store, preserve and deliver information to support and enhance your existing business processes.

Our extensive global client base includes many Financial Institutions, Service Sector Organizations, Government Departments, and Utilities. Our customers benefit from up-to-date information which is securely and efficiently managed, delivering reduced costs and improved productivity across production departments and enterprises.

## Contact Information

🌐 **Inspectron**
www.inspectron.com

✉️ Unit 12 Mooreacre,
Marston Trading Estate,
Frome BA11 4RL,
United Kingdom

@ **Mr. John Harvey**
President
john.harvey@inspectron.com
+441373457215

**Ms. Michele Myers**
Business Development Manager
michele.myers@inspectron.com
1-484-680-4253

Inspectron offers full scale tracking solutions for the production of ePassports, ID cards, Currency Paper and other secure documents. Our newest endeavor is the quality inspection and serialization of poly carbonate cards and datapages. Speak with us to determine how we can assist with your application.

## About IXLA

IXLA provides equipment for Identity and Travel Documents by using laser printers.

IXLA Team has Research and Development backgrounds in the laser technology and in specialized peripherals for passports and ID cards personalization. By producing all its own core components, IXLA meet the latest government demands .

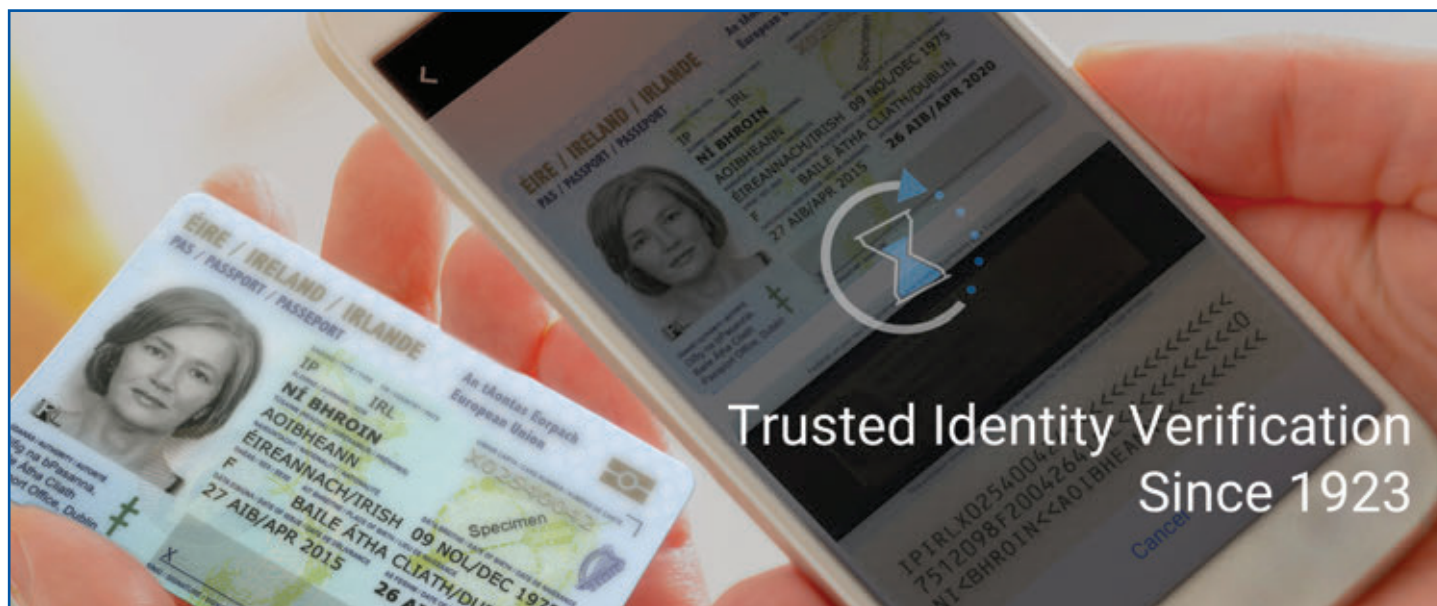## Contact Information

**IXLA s.r.l.**
www.ixla.it

info@ixla.it

Via Ponte Chiusella 28 10090 Romano Canavese Italy

**IXLA has laser equipment for:**

- e-passport personalization for decentralized applications
- card personalization for low -high volume production
- ID technology
- Security Solutions

# KEESING Technologies

Trusted Identity Verification Since 1923

## About KEESING TECHNOLOGIES

Keesing Technologies leads the way in ID verification solutions. This leadership is built on decades of experience working with governments, employment agencies, banks and insurance companies. We serve more than 6,000 clients around the globe, providing ID verification solutions they trust to meet their critical security needs.

Our objective is to help organisations prevent counterfeiting and ID fraud by providing the world's best solutions. To this end, we market a range of printed and digital solutions that allow users - from document professionals to untrained staff - to assess the authenticity of nearly all ID documents currently in circulation. Solutions that provide you with the assurance of a document's authenticity.

The technology we use in our products is powered by nearly 100 years of experience and accumulated knowledge.

We are proud to share our expertise and knowledge with the world through a worldwide renowned education center: the Keesing ID Academy. The ID Academy provides education on ID document authentication through workshops, e-courses and lectures at conferences.

Keesing has offices in Europe and the USA. Keesing Technologies is a SURYS company.

## Contact Information

Keesing Technologies
www.keesingtechnologies.com

Headquarters
Hogehilweg 17
1101 CB Amsterdam
The Netherlands
+31 (0)20 7157 800

Mike Krechting
**Managing Director**
m.krechting@keesingtechnologies.com
+31 (0)20 7157 800

Maickel van Oijen
Keesing ID Academy
m.vanoijen@keesingtechnologies.com
+31 (0)20 7157 838

**Services:**

Keesing AuthentiScan – The solution for easy ID verification and identity proofing.

Keesing Documentchecker – Check ID documents with the world's most comprehensive reference database

Keesing ID Academy – Knowledge and education centre

**LIBERTY THREADS**

LIBERTY SECURITY SEWING THREADS

Under daylight

Under UV-Light

## About LIBERTY THREADS

Liberty Threads is a division of Liberty Fabrics Rotterdam B.V. who have been manufacturing the highest quality sewing threads for over 50 years; based at a secure location in Rotterdam, Holland.

We manufacture using the highest quality substrates and raw materials employing specially developed processes governed by international standards (including ISO 9001:2008 and Oeko-tex® 100) to meet the specific and bespoke requirements of our customers.

Our passport sewing threads provide a unique combination of superb sewing performance and a wide range of both visible and fluorescent colours. We can supply both single colour and multi-ply (multi-colour) threads in a variety of thread sizes and substrate types such as CF Nylon, and Core Spun Polyester Cotton.

Threads may be twisted or braided to provide unique combinations that allow easy recognition by Inspectors that create an effective barrier to copying or fraudulent reproduction.

Our passport sewing threads are tried and tested to run smoothly on both Uno and Kugler passport binding machines.

We issue detailed specifications for all of the passport threads we supply and are always pleased to support Issuing Authorities and Immigration Control with comprehensive training and recognition information.

## Contact Information

Liberty Threads
www.liberty-fabrics.nl

**Mr. Thijs Boonen**
Manufacturing and Despatch Manager
t.boonen@liberty –fabrics.nl

**Mr. Richard Jotcham**
Commercial and Sales Enquiries
r.jotcham@liberty –fabrics.nl

**Services or primary brands:**

Manufacturers and suppliers of passport sewing threads comprising bespoke structures with superb stitching performance. Combining visible and fluorescent colours to create a security feature that is easy to recognise but difficult to copy

**EXHIBITOR**

## About LUMINESCENCE

Luminescence manufactures high quality, custom-made security inks for value documents that are extremely difficult to recreate or replicate either by criminals or competitors. Now part of the Sun Chemical/DIC group of companies, we are a producer of inks used to print billions of documents and products globally each year and we offer the very latest in security ink technological development.

LUMINESCENCE manufactures security inks suitable for offset, intaglio, flexo, gravure, screen, numbering and inkjet processes. Most of our inks are custom-made to meet the customer's exact technical requirements and preferred drying process.

## Contact Information

**Luminescence International ltd**
www.luminescence.co.uk

**Mr. Tom Mitchell**
**Mr. Nick Cooper**
sales@luminescence.co.uk

The Fairway
Harlow,  Essex CM18 6NG
United Kingdom

Luminescence Security inks and Passport binding threads manufacture security inks for the below printing processes:
• Intaglio
• Offset
• Numbering
• Flexo
• Gravure
• Silk Screen
• Inkjet

EXHIBITOR

# MASKTECH

# MTCOS®

## About MASKTECH GmbH

MaskTech is the leading independent supplier for highest security chips, operating systems and related middleware for electronic identification cards, travel documents and authentication solutions.

Our portfolio includes generic and customized operating systems for state-of-the-art Common Criteria certified smart card and contactless cryptographic chips. MTCOS is available on a unique variety of chips and is a fully open standard (ISO/IEC) compliant multi-application OS. It was the first masked operating system worldwide supporting the (ePassport) standards and has been extended successfully for eID, eHealth, eDriving License, eResidence Permit and micropayment. More than 65 countries trust us to deliver their solutions.

## Contact Information

**MaskTech GmbH**
www.masktech.de

Nordostpark 45
90411 Nuremberg / Germany

**Dr. Hans Hanauer**
Managing Director
hhanauer@masktech.de
+49 (0) 911- 9551490

**Susanne Timm**
International Sales
stimm@masktech.de
+49 (0) 4154 - 8990858

**Services:**

MaskTech is your independent provider for card operation systems for Governmental and high security use. Our newest product MTCOS 2.5 provides EAL5+ certified sercurity and functionality on a variety of different chip platforms.

# MELZER®

## About MELZER

Serving customers for more than 60 years, MELZER is internationally well-known as the leading production equipment supplier for trendsetting ID documents, Smart Cards, DIF Cards, RFID Inlays and e-Covers for Passports. Customized solutions in combination with the unique modular inline production processes ensure highest productivity, flexibility and security at a maximum yield and lowest per unit costs. Numerous governmental institutions rely on reliable solutions created by MELZER. The Melzer product portfolio also includes advanced RFID converting equipment for the production of smart labels, smart tickets and luggage tags.

## Contact Information

**MELZER maschinenbau GmbH**
www.melzergmbh.com

@ **Mr. Dirk Melzer**
MELZER International Sales Department
sales@melzergmbh.com

### Core Competencies
• High-end ID Card and data page production lines
• Revolutionary RFID-inlay and e-Cover production lines processing plated or wire antennas with unsurpassed yield. Solid interconnection by soldering ensures utmost durability of inlays and e-Covers
• High speed milling and implanting equipment with an output of up to 6.000 Contact- or Dual Interface cards
• Customized solutions and developments based on a proven modular system
• Excellence in design, production and worldwide customer service

# Mühlbauer
## High Tech International



## About MÜHLBAUER GROUP

Since 1981, the Mühlbauer Group has grown to a global player in the security sector with 35 production and service locations worldwide. The company specializes in innovative end-to-end solutions concerning the production, personalization and issuance of smart cards and ePassports. Mühlbauer is a competent partner for implementing security systems and is currently involved in over 300 ID projects worldwide.

We specialize in innovative end-to-end solutions focusing on the production, personalization and issuance of ID documents, and comprehensive border management solutions (MB IDVERSO) enabling the reliable identification and verification of individuals and documents. Vision inspection technologies and semiconductor and RFID applications complete our portfolio. In order to enhance our competences and to provide you with optimized solutions we continuously invest in latest technologies and innovative processes. Our clients benefit from three decades worth of experience we have gained during the lead in no less than 300 ID projects.

## Contact Information

Mühlbauer Group
www.muehlbauer.de

Josef-Mühlbauer-Platz 1
93426 Roding
Germany

Mr. Matthias Karl Köhler
Vice President TECURITY®
Matthias.Karl.Koehler@muehlbauer.de
+49 9461/952 1265

**The company's primary products include:**
- Data Enrollment and Management
- Biometric Identification
- Production Systems and Management
- Visual and Electronic Personalization
- Personalization Management, PKI
- Verification
- Document Issuance
- Border Management Solutions
- Conception, Consulting, Complete Solution Provider

**EXHIBITOR**

## About NXP SEMICONDUCTORS

NXP Semiconductors enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets.

NXP delivers secure microprocessors used in government-issued identity documents around the world, including ePassports, eID, eHC, eDL and many more. Built on more than 10 years' experience in this segment, NXP offers solutions for all types of scaling and every level of the eDocuments value chain. Find out more at www.nxp.com/smartgovernance

## Contact Information

**NXP Semiconductors**
www.nxp.com

1455 Pennsylvania Av. NW Suite 400
Washington, DC, USA
20004

**Mr. John Neal**
Business Development and
Government Affairs Manager
John.neal@nxp.com

Integrated circuits, software and services for electronic documents, issuance, management and verification.
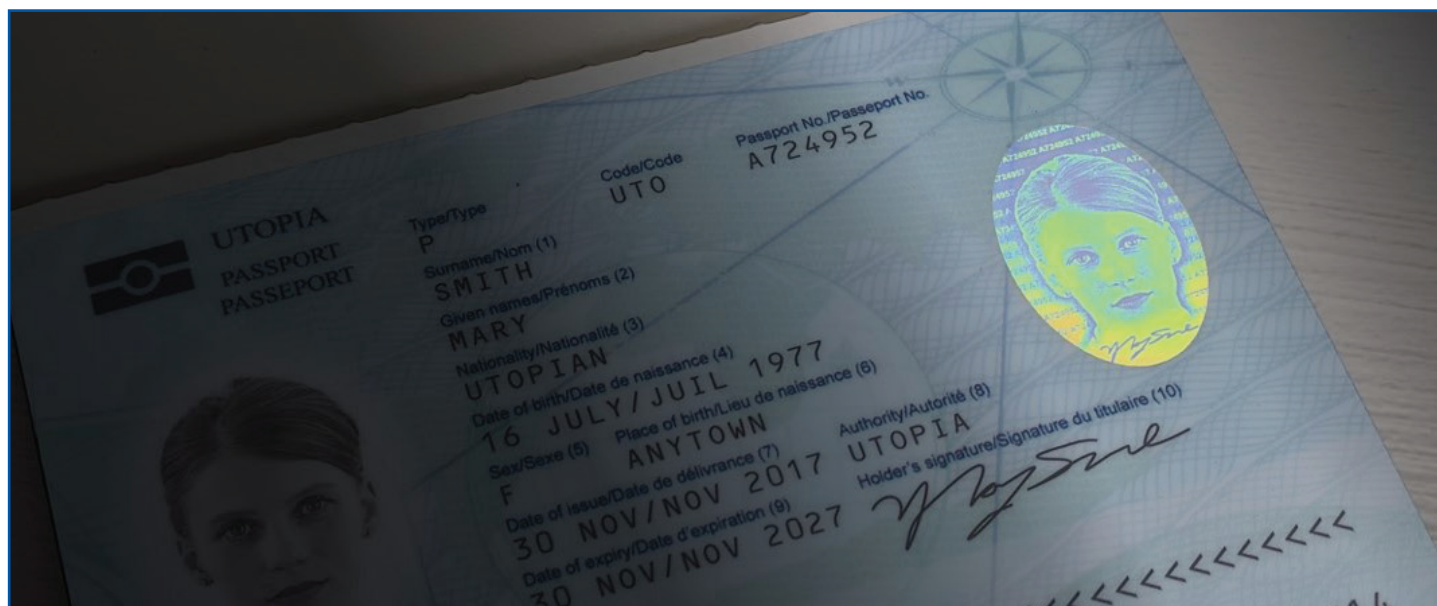
# opalux

## About OPALUX

Since 2006, Opalux has changed the way passports, identification documents, and banknotes are secured by developing first-level security features that are easy to authenticate and extremely difficult to counterfeit.

MyImage™ is an embedded optically variable security feature that can be personalized with the document holder's portrait and biographical information using a standard laser. It is laminated inside a polycarbonate document to provide a bright, attractive, colour-shifting secondary portrait that can be easily verified without tools to combat counterfeiting and alteration of high security documents.

Elastink is an interactive mechanochromic security feature for banknotes that provides a distinctive visible colour change when mechanically activated using finger pressure. It provides an intuitive way to authenticate a banknote to combat currency counterfeiting.

Opalux's security features are built using its proprietary tunable photonic crystal technology platform. Through the expertise of its scientists and engineers, Opalux has become a global leader in innovative first-level anti-counterfeiting security features.

Opalux has been featured in Secure Document World, Authentication News, ID & Secure Document News, and Currency News; has presented at Optical Document Security Conference and ICAO New Technology Working Group; and is a member of the Document Security Alliance.

## Contact Information

**Opalux Incorporated**
www.opalux.com

**Anthony Ling**
Vice President Corporate Development
anthony@opalux.com
+1.647.255.1348

Opalux manufactures:

• Passport security features: MyImage™

• Banknote security features: Elastink

# PASSPORT INDEX™

## About THE PASSPORT INDEX

The Passport Index is the world's first ever interactive database which collects, displays and ranks passports from around the world.

Users can compare passports side by side, explore their unique designs, sort them by country, region, and colour, in addition to exploring the power of their passport. Furthermore, users can learn how to improve their Global Mobility Score by adding additional passports.

The Passport Index methodology has been thoroughly crafted to ensure absolute accuracy and consistency. Data is based on proprietary research from publicly available sources and official information provided by government agencies and frequent travellers from around the world. Updated as frequently as new visa waivers and changes are implemented, The Passport Index offers the sharpest insights and current news on global mobility, security, technology, branding, and visa policies.

Mandated by governments to monitor and improve their passport ranking, The Passport Index has become a trusted partner in empowering global mobility. United by diversity, the passport is one of the most important tools to influence global opportunity, freedom of mobility and quality of life.

## Contact Information

**The Passport Index**
www.passportindex.org

1 Westmount Square, suite 1810
Montreal, QC H3Z 2P9

**Hrant Boghossian**
Director, Marketing and Strategy
info@passportindex.org

**Services:**

- interactive real-time ranking of passports
- negotiating bilateral visa waivers for countries
- planning and executing strategies to improve countries' visa-free scores
- educating the public on the power of passports
- informing the public on the latest news focused on global mobility

EXHIBITOR



Document Verification Solutions
www.regulaforensics.com

## About REGULA BALTIJA, LTD.

Regula Baltija, Ltd. provides clients with solutions to verify the authenticity of security papers, ID's, passports, and banknotes, as well as a number of proprietary tickets (such as lottery tickets) and official documents. Our document forensics solutions comprise integrated hardware and software able to process and precisely match documents using detailed document identification parameters contained in our extensive, pre-populated databases. Our products: inter-operable and compatible and indispensable for qualified examination of official documents.

## Contact Information

**Regula Baltija, Ltd.**
www.regula.us

A.Pumpura 97,
Daugavpils, Latvija,
LV-5404

**Dr. Arif A Mamedov**
**Ms. Irina Pate**

regula@regula.lv
+371-65-43-12-99

info@regula.us
**1-703-234-2355**

**Services:**

- Products: document authenticity verification devices; databases; software development.

- Categories: engineering; software development; design; document authenticity verification

# secunet

## About SECUNET

Founded in 1996, secunet is an internationally recognized expert for eID and border control applications. Through early involvement in working groups and standardisation committees as well as technology evaluations and pilot projects secunet has been on the forefront of knowing the challenges of our customers: secunet supports border police, eID document issuing and airport authorities as well as OEMs and system integrators to create sustainable solutions that are more flexible, scalable and future-proof.

secunet products – including Automated Border Control Gates, Self-Service Border Control Kiosks, PKI Systems, Stationary and Mobile Border Control Applications, Biometric Middleware and eID Conformity Test Tools – are both, innovative yet established. They always consist of standardised modules but comprise completely individual systems.

In the area of traveler identification and secure border management, customers benefit from seamless security infrastructures for the reliable validation of electronic documents and automated clearance of passengers allowing for considerably shorter processing times resulting in faster passenger throughput without compromising security. secunet installed ~250 automated border control gates including biometric verification and identification capabilities of passengers at many international airports in Europe as well as several ICAO and EAC PKI infrastructures for eID issuing and border control applications.

In addition to the complete range of IT security services, including analysis, consulting, conception, development, implementation, training and support, secunet offers globally interoperable, versatile and well-established products for a modern ID Management.

With the secunet eID PKI Suite, highlighted at the ICAO Trip symposium, secunet provides high performance Public Key Infrastructure software modules. They can either be combined to form a powerful central system or integrated individually into existing systems:

**ICAO PKI**
• CSCA
• DS
• NPKD

**EAC PKI**
• CVCA
• DVCA
• Terminal Control Center (TCC)

## Contact Information

secunet Security Networks AG
www.secunet.com

Mr. Oliver Jahnke
oliver.jahnke@secunet.com

## About SMURFIT KAPPA SECURITY CONCEPTS

Established since 1976, Smurfit Kappa Security Concepts (formerly DLRS Limited) provide innovative total solutions for identity cards and documents, enrolment solutions, online application systems, system integration and security print.   The company's reputation for quality and service is matched only by its reputation for unrivalled integrity, developed through working closely with governments for over 30 years. SKSC has an international client base including government departments, financial institutions and commercial organisations.   Our product range includes passports, fiscal stamps, biometric cards and certificates.

SKSC is wholly owned by the Smurfit Kappa Group and is the Group's security printing division. The Smurfit Kappa Group are one of the leading providers of paper-based packaging solutions in the world. Operating in 22 countries in Europe, Smurfit Kappa Group is the European leader in containerboard, solid board, corrugated and solid board packaging and has a key position in several other paper packaging market segments. The Group also operates in 9 countries in Latin America where it is the only pan-European operator.

DLRS Limited is accredited to the ISO9001:2015 quality, ISO14001:2015 environmental, ISO27001:2013 information security and ISO14298:2013 Intergraf security printing standards.

More information can be found at: www.dlrsgroup.com; or by contacting  salesdlrsgroup@smurfitkappa.ie.

## Contact Information

Smurfit Kappa Security Concepts
www.dlrsgroup.com

@ salesdlrsgroup@smurfitkappa.ie

# SPEED IDENTITY

**Biometric Data Capture – Biometric Authentication – Identification**

**SPEED CAPTURE KIOSK**
- Highest biometric quality
- Biometric authentication and identification
- Multimodal biometric technology
- Designed for self-service

**SPEED CAPTURE MOBILE**
- Truly Mobile (<10 kg carry-on)
- Highest Quality Biometrics
- User friendly, Secure, Robust and Safe

## About SPEED IDENTITY

Speed Identity is a leading global provider of high-performance biometric data enrollment, biometric authentication and identification solutions. Based in Stockholm, Sweden, we work with governments and organizations worldwide to help create a safer place for tomorrow's global people.

Speed Identity pioneered live biometric enrollment in the early 2000. To date we have successfully delivered thousands of systems to more than 120 countries worldwide. Our customers include government departments and agencies such as ministries of foreign affairs, ministries of interior, law enforcement agencies, tax agencies, road authorities and immigration agencies.

Our Speed Capture solution delivers uncompromising biometric security in today's fast-paced and globally connected world:

- It maximizes throughput without compromising biometric data quality, security or safety.
- It brings convenience and accessibility to citizens – with self-service enrollment enabling everyone to enroll at their own terms without compromising security.
- It increases efficiency and saves cost by increasing availability and throughput and by relieving customer staff from manually operating the enrollment process.
- Biometric authentication and identification solution
- Extendable to Multimodal Biometric System

Our solutions meet and exceed all relevant industry regulations and standards – including ISO/IEC 19794-4 (Finger image data), ISO/IEC 19794-5 (Facial image data), FBI / MITRE, NIST NFIQ, EU / BMS, FIPS 201, Bio API 3.0, CE, UL, RoHS and WEEE.

## Contact Information

🌐 **Speed Identity**
www.speed-identity.com

✉️ Slakthusgatan 9
SE-121 62
Johanneshov, Sweden

@ **Maja Feser**
Sales Director
maja.feser@speed-identity.com
+46 (0) 708 55 94 34

**Björn Alldén**
Chief Executive Officer
bjorn.allden@speed-identity.com

**Our Identity and Security product range includes:**

Uncompromising, speed and accurate high quality lbiometric data capture solution, biometric authentication and identification solution.

Speed Capture Solution combines innovative hardware with advanced software and world class support and life cycle services.

With ergonomic and universal design, Speed Capture fully supports both attended and unattended enrollment of 100% of a country's population, while ensuring safe, secure and reliable operation in the most demanding environments worldwide.

# TOPPAN
## TOPPAN SECURITY PRINTING PTE. LTD.

## About TOPPAN SECURITY PRINTING

Toppan Security Printing Pte Ltd (TSP), formerly known as Singapore National Printers Corporation, has a history dating back to the early days of Singapore in the Straits Settlement in 1867, as the Singapore Government Printing Office.

TSP has since evolved to be one of Asia's leading security printer and secured document solutions provider to governments globally.

TSP comprehensive product line includes highly-secure printed documents, ePassports, eID cards, security printing equipment and solutions.

TSP is part of Toppan Printing Co. Ltd, Japan. Toppan Printing, a global leader in providing technologies for a full range of digital and security related products to Japan and the International market.

TSP comprises of three main business units:

• Security Printing and Solutions • Commercial Printing • Digital Printing and Data Management

The key business unit being Security Printing and Solutions. It includes manufacturing of passports, visa labels, certificates, confidential documents for government and banks. Complimenting Security Printing, TSP also provides a range of solutions that enable enrolment to issuance of highly secured government issued documents.

Together, the three units form a highly successful printing entity of regional renown. TSP constantly upgrades its technology through research and development, and strives to keep abreast of latest developments in digital security and anti-forgery techniques.

## Contact Information

🌐 **Toppan Security Printing**
www.toppanleefung.com/ToppanSecurity.aspx

@ **Frederick Chan**
Director (Business Development & Solutions)
frederickchan@toppanleefung.com
+65 6846 3518

**Lin Jiansheng (J.S.)**
Business Development Director
linjiansheng@toppanleefung.com
+65 6846 3522

### Products and Services

Secure Documents - Machine Readable Passport, ePassports, Visa Labels, Certificates, ID/eID or any documents that requires security printing

Solutions - Enrolment, Adjudication, Personalization, Verification, Delivery solutions for Issuance of Secure Documents, Secure mobile identity solutions
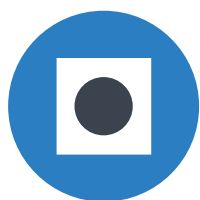
# vision-box

## About VISION-BOX™

Vision-Box™ is a multinational technology company headquartered in Lisbon, Portugal, dedicated to improving the quality, convenience, efficiency and security in government services, travel, border control and any smart facilities. The company designs, develops and implements integrated user-centric digital identity management solutions and services built upon trusted biometric tokens.

Steered by decades of expertise and real-life implementations, and having spearheaded the definition of game changing industry standards, Vision-Box™ is the leading partner of the most prestigious Airports, Airlines, Governments and entities with critical security and identification challenges. Vision-Box™ supports them enhance people identification & flow, establishing identity ground-truth through high performance enrollment, verification and authentication, enabling multi-directional data transactions to be transformed into actionable business intelligence.

Starting with the process of biometric and biographic enrolment and assuring a citizen's ID verification at any time, Vision-Box™ solutions and services build a Trusted Chain of Identity, covering eDocument issuance, Smart Borders management, end-to-end seamless flow at airports, sea ports of land borders, loyalty programs or digital managed services within a smart city environment.

Vision-Box™ operates over 2500 Automated Border Control and traveler experience solutions in more than 80 international airports, ports and land borders and has over 5000 electronic identity systems deployed across the globe.

## Contact Information

**Vision-Box**
www.vision-box.com

Rua Casal do Canas 2,
Zona Industrial de Alfragide
2790-204 Carnaxide
Portugal

**Ms. Catarina Meleiro**
Head of Communication & PR
+351 21 154 3900
Catarina.meleiro@vision-box.com

**Services or Primary Brands**

Leading provider of seamless citizen and traveler experiences based on advanced biometric-based identity management solutions.

**WORLDREACH** software



WorldReach Know Your Traveller™ Identity and Document Verification Platform

## About WORLDREACH SOFTWARE

WorldReach Software helps ensure traveller safety and security worldwide through its systems for immigration, passport, border management and consular organizations. Our innovative travel application and trademarked identity verification process, Know Your Traveller™ (KYT) helps improve the safety and security of international travellers and those living abroad. We supply passport/ ePassport, eVisa/Electronic Travel Authorization and consular software, used by more than 3000 daily users in over 950 sites worldwide. We see the potential of the proposed Digital Travel Credential to provide new opportunities for governments to offer citizens new options for streamlined travel, such as using the DTC for Emergency Travel Document requirements. We have extensive experience with international technical standards for secure travel documents, based around ICAO Document 9303 and WorldReach staff participate as ISO representatives on international working groups for identity documents and biometrics.

Customers include Ministries of Foreign Affairs, as well as Immigration, Passport and Border agencies from: Canada, the United Kingdom, the Netherlands, New Zealand, Ireland, Denmark, Anguilla, Bermuda, Cayman Islands, Montserrat, St Helena, Turks and Caicos Islands and the British Virgin Islands.

## Contact Information

WorldReach Software
www.worldreach.com

2650 Queensview Drive
Suite 250
Ottawa, Ontario, Canada
K2B 8H6

**Ms. Shelley Bryen**
Director of Marketing
Shelley.Bryen@worldreach.com

**Gord Wilson**
President
Gordon.wilson@worldreach.com
+1 613 864-6482

**Steven G Grant**
P. Eng., Director, Business Development
Steven.grant@worldreach.com
+1 613 790-9200

## ICAO TRIP
# Regional Seminar Cotonou

### Benin, 12 to 14 February 2019

ICAO Traveller Identification Programme (TRIP) Regional Seminar will take place from 12 to 14 February 2019 in Cotonou, Benin.

The Seminar, hosted by the Government of Benin, will address the five elements of the ICAO Traveller Identification Programme (ICAO TRIP) Strategy, including: machine readable travel document (MRTD) standards; specifications and best practices; secure travel document issuance; robust evidence of identity processes; and information sharing technologies. The event will provide an opportunity for enhancing international and regional cooperation and collaboration that addresses the threats faced by international civil aviation. This will be accomplished by promoting the global framework established by Annex 9 – Facilitation to the Convention on International Civil Aviation. Accordingly, a special focus of the Seminar will highlight border integrity and border control management challenges, such as Advanced Passenger Information (API) system implementation.

This ICAO TRIP Regional Seminar provides a unique opportunity to exchange information and enhance expertise and would be of benefit to passport issuing offices, aviation security authorities, civil registries, border control and law enforcement authorities, as well as to airline companies, airport authorities, and other interested parties.

## ICAO | SECURITY & FACILITATION

**Information for online registration is available on the Seminar website at:**
**www.icao.int/Meetings/TRIP-Benin-2019**

Participants are invited to register online before 11 January 2019.