



2015

**COPENHAGEN DENMARK**

22–24 April

# Security Printers

Connecting issuing authorities & solution providers

Innovation and new technologies in security printing documents

Optimization of operations and security through traceability within the supply chain

Shaping the future of travel documents through standardisation and increased functionality

Interaction of banknotes, ATMs, counting and vending machines

Breeder documents – the cornerstone of identity management

Digital vs analogue in the production of security documents and banknotes

The eternal fight against counterfeiting

Ethics and trust within the realm of identity

Mobile verification of security documents

Panel discussion: From counterfeiting to cyber crime

Organised by **INTERGRAF**

# BCAIGSSC *Security Alliance*



[WWW.BANKNOTE.COM](http://WWW.BANKNOTE.COM)

[WWW.GRAPHICSECURITY.COM](http://WWW.GRAPHICSECURITY.COM)

## *PROTECTING YOUR WORLD*

# 2015 COPENHAGEN DENMARK 22–24 April Security Printers

Connecting issuing authorities & solution providers

## Content

Who should attend?	02
Welcome address	03
Conference programme	05
Fees	12
Exhibition floor plan & list of exhibitors	14
Practicalities	18
Mobile application	20
Floor plan & opening hours	21
Networking events & post-conference tour	22
Conference hotel	24
Destination Copenhagen	26
Map & useful addresses	26
Facts & figures Vienna 2013	30
Member federations of Intergraf	32



## Who should attend?

The event focuses on the latest news and views on emerging trends and novel technologies in banknote and document security.

**Restrictive attendance criteria are applied**, the event being open exclusively to:

- Security printers
- Suppliers to security printers
- Banknote issuing authorities
- Government authorities
- Police forces
- Postal authorities

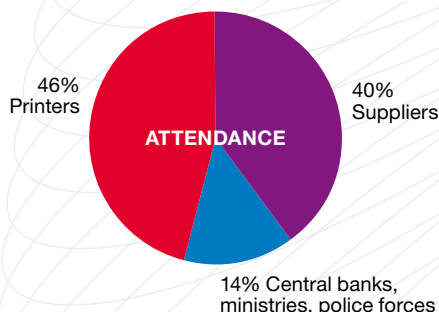
Each new participant has to submit a detailed check-list and product samples to the Intergraf Committee of Experts who reserves the right to refuse participation if one does not comply with the required criteria.

## Why attend?

- Gain inspiration – from networking with peers in the industry
- Meet all major suppliers in one place – The exhibition is by far the most complete in the security printing field
- Highly focused programme – Hear from top developers and get expert feedback
- Get informed on latest developments on standards in security management systems
- Your customers, prospective clients and competitors from all over the world will be there!

## Who attended the last event?

**920 participants** from **60 countries** in Vienna 2013



“As an association we put all our efforts into serving the industry by ensuring the dissemination of latest technology, excellent networking & business opportunities and a personal contact with our delegates”

**Beatrice KLOSE**  
Secretary General, Intergraf



# 2015 Security Printers

## International Conference and Exhibition

### Welcome address

Dear friends and colleagues from the security printing industry sector,

As Chairman of the Intergraf Committee of Experts, and Secretary General of Intergraf, it is our pleasure to invite you to the 27<sup>th</sup> Security Printers, International Conference and Exhibition which will be held from 22 to 24 April 2015 in the beautiful city of Copenhagen.

The Security Printers, International Conference and Exhibition is, without doubt, a reference framework for updates on emerging trends and novel technologies in security printing, and the best setting to present the advances in research, products and projects we are all developing in the sector.

For this edition of our event, we have selected the fields and subjects we believe will be of most interest to our community. In this respect, the plenary and parallel sessions are sure to meet the expectations of all participants – security printers and their suppliers, as well as representatives of central banks, government and police authorities – for their topicality and relevance.

We look forward to welcoming you in Copenhagen, one of the great design capitals of the world. A city steeped in history, so evident and beautifully preserved in its medieval streets and 17<sup>th</sup> century canals, sumptuous palaces, copper-roofed town houses and atmospheric cobbled squares, Copenhagen is nonetheless a city that has never stood still and that is worth our full attention in the free time.

Sincerely yours,



**Efthimios MATSOUKIS**  
Chairman of the Intergraf Committee of Experts

**Beatrice KLOSE**  
Secretary General

### Intergraf Committee of Experts

Efthimios MATSOUKIS	Giesecke & Devrient Matsoukis Security Printing, Greece, Chairman
Tony DEAN	De La Rue, England
Tomasz GOLINSKI	PWPW, Poland
Beatrice KLOSE	Intergraf, Belgium
Wolfgang KNÖRLE	Giesecke & Devrient, Germany
Doris KÜNG	Orell Füssli Security Printing, Switzerland
Martin NABER	Netherlands National Police Agency, The Netherlands
Claudia SCHWENDIMANN	Österreichische Staatsdruckerei, Austria
Yves TIMMERMANS	National Bank of Belgium, Belgium
Paloma VARELA	Fábrica Nacional de Moneda y Timbre, Real Casa de la Moneda, Spain



# 2015 Security Printers Programme

## International Conference and Exhibition

WEDNESDAY 22/04

09.00-09.15	<b>Conference opening speech</b>
09.15-09.30	<b>Welcome speech</b>
<b>INNOVATION AND NEW TECHNOLOGIES IN SECURITY PRINTING DOCUMENTS</b>	
09.30-09.55	The seventh edition of ICAO's Doc 9303
09.55-10.20	New vision of ink-jet personalisation dedicated for plastic documents
10.20-10.45	Implementation of civil/population register in the Federation of Bosnia and Herzegovina as a basis for the issuing process of all breeder documents and the secure basis for identity
10.45-11.00	ISO 14298 – The certification for security printers
11.00	<b>Exhibition opens</b>
11.00-11.30	<b>Coffee break</b>
11.30-12.00	Towards integrated designs in document security
12.00-12.30	Security polymer substrates for document printing
12.30-13.00	Laser micro-structuring for the intaglio printing
13.00-14.30	<b>Lunch</b>
14.30-19.00	<b>Exhibition</b>
17.00-18.00	<b>Exhibition Aperitif</b>



**Efthimios Matsoukis**  
Chairman of the Intergraf  
Committee of Experts

**Conference opening speech**



**Beatrice Klose**  
Secretary General,  
Intergraf



**Hugo Frey Jensen**  
Governor Danish National Bank,  
Denmark

**Welcome speech**



**Tom Kinneging**  
Senior Expert Standardization,  
Convenor of ISO/IEC JTC1 SC17  
WG3, The Netherlands

**The seventh edition of ICAO's Doc 9303**

The seventh edition of ICAO's Doc 9303 specifications for machine readable travel documents is a complete re-structured version of this standard. The presentation explains the reasoning, the results etc.



**Arkadiusz Karpinski**  
Inks Specialist  
PWPW, Poland

**New vision of ink-jet personalisation dedicated for plastic documents**

The presentation will outline the features and drawbacks in personalisation of polycarbonate documents by ink-jet printing technique. Additionally, the technique will be discussed in terms of functional materials and its contribution to increased level of security of the personal data.



**Dragan Miokovic**  
Head of Cabinet FMUP  
Federal Ministry of Interior,  
Bosnia and Herzegovina

**Implementation of civil/population register in the Federation of Bosnia and Herzegovina as a basis for the issuing process of all breeder documents and the secure basis for identity**

The civil register of Bosnia and Herzegovina was introduced to enable citizens to obtain their breeder documents in any municipality rather than just the one in which they were born. The introduction improves the security levels in national identity management and increases the efficiency of government administration. The civil register provides a secure basis for the introduction of future e-government services in Bosnia and Herzegovina.



**Aleksander Ristic**  
Senior International Government  
Manager, Österreichische  
Staatsdruckerei, Austria



**Patricia Engler**  
Certification Director  
INTERGRAF, Belgium

**ISO 14298 – The certification for security printers**

Intergraf's mission is to provide a platform for interaction between security printers, their suppliers and customers of ID documents and banknotes. Moreover, Intergraf promotes and protects the interests of security printers and suppliers via certifications.



**John Peters**  
Product Manager New Business  
/ Sales Manager North America  
Government Documents  
OVD Kinegram, Switzerland

**Towards integrated designs in document security**

This presentation demonstrates new document design possibilities using technological advances in diffractive optically variable devices, laser personalization and antenna manufacturing. These key security features of government documents can be designed simultaneously to create an integrated functionality which enhances visual recognition and counterfeit detection.



**Georgios Tziouvaras**  
Technical Manager Business Unit  
Security, Bayer MaterialScience,  
Germany

**Security polymer substrates for document printing**

Security papers for banknote printing are well known. Less known are security polymer substrates for document printing, which this presentation will cover.



**Stephan Brüning**  
R&D Manager  
Schepers, Germany

**Laser micro-structuring for the intaglio printing**

Latest laser generation allows an enhanced resolution and 3D geometry in the intaglio printing and enables new design / security elements by means of a direct digital data transfer from data asset.

## THURSDAY 23/04 MORNING

### SESSION 1 – OPTIMISATION OF OPERATIONS AND SECURITY THROUGH TRACEABILITY WITHIN THE SUPPLY CHAIN

09.30-10.00 **Beyond inspection – complete optical inspection portfolio to optimize production and ensure 100% quality for security paper**

10.00-10.30 **Enhanced tracking and automated control on all steps of the document issuance process**

10.30-11.00 **Coffee break**

### SESSION 3 – INTERACTION OF BANKNOTES, ATMs, COUNTING AND VENDING MACHINES

11.00-11.30 **The introduction of the 10 Euro note, its impact on the manufacturing sector and the lessons learned**

11.30-12.00 **ATM attacks in The Netherlands, a public-private partnership**

12.00-12.30 **New banknote series and consequences for ATMs**

12.30-14.00 **Lunch**



**Rudolf Krampe**  
Managing Director  
ISRA SURFACE VISION,  
Germany

#### **Beyond inspection – complete optical inspection portfolio to optimize production and ensure 100% quality for security paper**

This presentation will illustrate the impact of optical inspection systems in use for the production of security and banknote paper as well as for the production of holographic security elements. It will look at the challenges along the entire production line and how quality can be increased and value added.



**Sergey Yeliseyev**  
Business Development Director  
X-INFOTECH, Latvia

#### **Enhanced tracking and automated control on all steps of the document issuance process**

Tracking and automated control during all steps of production and issuance process allows the optimization of all operations and the improvement of security of issued e-ID documents. The presentation shows how each stage of an electronic document personalisation can be tracked and monitored.



**Shane Irish**  
EU Cash Automation Specialist  
Glory Global Solutions,  
United Kingdom

#### **The introduction of the 10 Euro note, its impact on the manufacturing sector and the lessons learned**

Shane will look at how the introduction of the 10 Euro note impacted the manufacturing sector and the lessons learned. The areas that will be considered are counterfeit detection, template creation, timescales and logistics, as well as the impact of changing software capabilities.



**Wietse van der Schaaf**  
Head of Analysis and Research  
Dutch National Police,  
The Netherlands

#### **ATM attacks in The Netherlands, a public-private partnership**

After a stream of ATM-attacks in The Netherlands, the Dutch Government developed a public-private approach. This approach (under supervision of the Dutch National Police) succeeded in reducing the incident numbers to an all-time low.



**Christian Göbel**  
Senior Product Manager Currencies  
Wincor Nixdorf International,  
Germany

#### **New banknote series and consequences for ATMs**

What are the challenges to satisfy the end user, the financial institute, the Central Bank and the manufacturer? Experiences from the new “Europa Series” and other countries issuing new banknotes.



# 2015 Security Printers | Programme

## International Conference and Exhibition

### SESSION 2 – SHAPING THE FUTURE OF TRAVEL DOCUMENTS THROUGH STANDARDISATION AND INCREASED FUNCTIONALITY

09.30-10.00 Improving emergency travel documents

10.00-10.30 LDS2, expanding chip functionalities

10.30-11.00 **Coffee break**

### SESSION 4 – BREEDER DOCUMENTS – THE CORNERSTONE OF IDENTITY MANAGEMENT

11.00-11.30 Breeder documents even (more) important as ePassports and eldentity documents

11.30-12.00 Harmonized breeder documents and related processes – a proposal

12.00-12.30 How South Africa protects its documents with laser technology

12.30-14.00 **Lunch**



**Claudia Schwendimann**  
CEO  
OeSD International, Austria

#### Improving emergency travel documents

Emergency situations require instant issuing of travel documents, which are prone to become the weakest link of the security chain. Ideas, mechanisms and proposed guidelines are introduced that help keeping the traveller identification standard.



**Jasper Mutsears**  
R&D Advisor Travel Documents,  
Ministry of the Interior  
and Kingdom Relations,  
The Netherlands

#### LDS2, expanding chip functionalities

The presentation will focus on the current status of the work of ICAO working group on this item, but mainly on the aim of LDS2 and the benefits for travellers and governments.



**Ronald Belser**  
R&D Manager  
Ministry of Security and Justice,  
The Netherlands

#### Breeder documents even (more) important as ePassports and eldentity documents

To protect existing identities and prevent identity fraud, a minimum security standard is desired for breeder documents (birth certificates) that are issued by member states of the European Union.



**Andreas Wolf**  
Senior Director Component  
Definition,  
Bundesdruckerei, Germany

#### Harmonized breeder documents and related processes – a proposal

The quality of the breeder documents used, e.g., for passport issuance, could be improved by harmonization of application, issuance and verification processes as well as of the document itself.



**Arnoud Augustinus**  
Laser & Optical Engineer  
IAI Industrial Systems,  
The Netherlands

#### How South Africa protects its documents with laser technology

Residence seeking people need a Permanent Residents Permit. It is often falsified by criminals. To stop this crime it is designed to be validated by the law enforcer out in the streets.



**Bonakele Mbhele**  
Chief Director: Marketing and  
Stakeholder Relations  
Government Printing Works,  
South Africa

## THURSDAY 23/04 AFTERNOON

### SESSION 5 – DIGITAL VS ANALOGUE IN THE PRODUCTION OF SECURITY DOCUMENTS AND BANKNOTES

14.00-14.30	<b>Xeikon Trillium – write history – print the future</b>
14.30-15.00	<b>Modern banknote design</b>
15.00-15.30	<b>A digital revolution in an analogue security world?</b>
15.30-16.00	<b>Coffee break</b>
16.00-16.30	<b>Mexico's banknotes gravure; from the analogue technique to the digital technology</b>
16.30-17.00	<b>The path to digital intaglio: achievements and challenges in Banca d'Italia.</b>
17.00	<b>End of conference day</b>



**Patrick Van Baelen**  
VP Marketing  
Xeikon, The Netherlands

#### **Xeikon Trillium - write history - print the future**

Secure digital printing has many faces, today the benchmark has been set.

Tbc

#### **Modern banknote design**

The presentation will focus on the change for banknote and document designers in working with modern design technology and software.



**Quentin van den Hove**  
Product Manager Security  
Software Solutions  
Agfa Graphics, Belgium

#### **A digital revolution in an analogue security world?**

The high-end security world is dominated by analogue print production methods. However, with the advances of digital print technologies, some digital presses are capable of producing impressive printing results. This presentation will focus on the potential usage of digital presses to print or enhance certain security documents.



**José Luis Ruiz Cortina**  
Development and  
Reengineering Manager,  
Banknote Printing Works,  
Banco de México, Mexico

#### **Mexico's banknotes gravure; from the analogue technique to the digital technology**

Since one year, Banco de Mexico has been working to migrate the gravures of its current banknote's series from the analogue to the laser gravure technology, looking to keep the same appearance in the printing banknotes. It has not been an easy task and some challenges have been faced as find the right parameters for the lines and dots in order to make printable gravures.



**Marco Viticoli**  
Head of Research and  
Development Section  
Banca d'Italia, Italy

#### **The path to digital intaglio: achievements and challenges in Banca d'Italia.**

The speech will deal with Banca d'Italia experience on the transition from the traditional way of intaglio plates making to the digital process.

## SESSION 6 – THE ETERNAL FIGHT AGAINST COUNTERFEITING

14.00-14.30	Fighting counterfeiting using the latest developments and smart design opportunities in liquid crystal-based technology
14.30-15.00	The fight against the problem of counterfeit stamps
15.00-15.30	The best of both worlds: a physical banderol in a digital system
15.30-16.00	<b>Coffee break</b>
16.00-16.30	Development in euro counterfeiting
16.30-17.00	See-through register security feature. Obsolete or still effective against counterfeiting?
17.00	<b>End of conference day</b>



**Pandelis Papadimitriou**

Sales Director  
Value Document Inks  
SICPA, Switzerland

### **Fighting counterfeiting using the latest developments and smart design opportunities in liquid crystal-based technology**

For Security Printers 2015, SICPA will present the latest developments, design opportunities and colour combinations made possible by SICPA OASIS®, a multi-level ink system based on liquid crystal pigments.



**Louis Virgile**

Programmes' Manager  
Philately and International Reply  
Coupons, UPU, Switzerland

### **The fight against the problem of counterfeit stamps**

The presentation will analyse the risks which help and increase the issue of counterfeit stamps. It will emphasize on the means to fight against counterfeit stamps. It will also focus on what UPU can do to fight against this fraud.



**Francis Goossens**

Corporate Technical Manager  
Thomas Greg & Sons,  
Colombia

### **The best of both worlds: a physical banderol in a digital system**

A vast number of countries still have big differences in their socio-economic structure, making it impossible for them to work as honour based societies because of the multiple needs. A physical element in the process of tax collection, linked to a logical control element that ties into a digitally controlled process flow allows the system to control on a larger scale as well as on unit level for onsite auditing.



**Ulle Holm**

Specialist, EUROPOL,  
The Netherlands

### **Development in euro counterfeiting**

This presentation will discuss new trends and big seizures in recent time.



**Martin Furbach**

Forensic Expert in the Document  
Examination, Institute of  
Forensic Science, Faculty of  
Law, University of Lausanne,  
Switzerland

### **See-through register security feature. Obsolete or still effective against counterfeiting?**

Research focused on the possibility of imitation of see-through register with desktop software and available "digital" devices of various quality and manufacturers.

FRIDAY 24/04

**SESSION 7 – ETHICS AND TRUST WITHIN THE REALM OF IDENTITY**

09.30-10.00 The EU policy on electronic identification and trust services

10.00-10.30 Identity, ethics and (in)security: outside the tower

10.30-11.00 **Coffee break**

11.00-12.30

**DEBATE: FROM COUNTERFEITING TO CYBER CRIME**

*Debate with key speakers from different parts of the*

12.30 **End of conference**



**Andrea Servida**

Head of Task Force “Legislation Team (eIDAS)”  
European Commission, Belgium

**The EU policy on electronic identification and trust services**

The presentation will illustrate the European policy initiatives and newly defined regulatory framework on electronic identification and trust services (eIDAS). The focus will be on both the key elements of the eIDAS Regulation as well as how the Regulation builds upon and draws on the experience and investment made at the National and EU levels on interoperability and infrastructural development in the eIDAS domain.



**Juliet Lodge**

Emeritus Professor  
University of Leeds, Privacy Expert Group, Biometrics Institute, United Kingdom

**Identity, ethics and (in)security: outside the tower**

Technological definitions of identity that have led to concerns over their impact on ethics and personal and societal (in)security will be briefly explored and relevant case studies outlined.

**DEBATE: FROM COUNTERFEITING TO CYBER CRIME**

**Claudia Schwendimann**  
Member of the Intergraf Committee of Experts



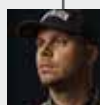
**Scott Gee**

Special Agent  
US Secret Service, United States



**Juliet Lodge**

Emeritus Professor  
University of Leeds, Privacy Expert Group, Biometrics Institute, United Kingdom



**Sandro Gaycken**

Senior Researcher  
Institute of Computer Science, Freie Universität Berlin, Germany



**Tbc**

International Centre for Migration Policy Development, Austria

# 2015 Security Printers | Programme

International Conference and Exhibition

## SESSION 8 – MOBILE VERIFICATION OF SECURITY DOCUMENTS

09.30-10.00	Whizdisc – smart multifunctional windscreen label
10.00-10.30	Synergy of optical security features and digital authentication
10.30-11.00	<b>Coffee break</b>

**MODERATOR: CLAUDIA SCHWENDIMANN, MEMBER OF THE INTERGRAF COMMITTEE OF EXPERTS**

**world and from universities to government and industry.**



**Max Zolotukhin**

Business Development Director,  
Andrews & Wykeham,  
United Kingdom

### **Whizdisc – smart multifunctional windscreen label**

Whizdisc is a multi-functional high-security windscreen label with a UHF RFID or NFC tag which can be used as a tool for vehicle identification, taxation, access control, insurance and tolling. The paper will describe the features of this solution and challenges of integrating RFID or NFC device into a vehicle environment.



**Cary Quinn**

Director of Design & Development,  
Graphic Security Systems Corp.,  
United States

### **Synergy of optical security features and digital authentication**

Emerging trends in the evolution and interplay of optical security features and authentication devices. Introducing redesigned features that take advantage of ever-more powerful smart phones.

**Copy machine and scanners can counterfeit traditional documents. Computer freaks can manipulate your digital identity and their attacks are more far reaching than a counterfeit driving license would ever be. Organized, high-end cybercrime is almost entirely out of control. A dangerous trend for all of us.**

## Participation fees

**REGISTER FROM 10/11/2014 AT WWW.SECURITYPRINTERS.ORG**

### Member or non-member fees

Fees vary according to whether the participant's company is a member or not of a National Printing Federation which is a member of Intergraf (see list on page 32).

	Members	Non-Members	Banknote Issuing Authorities, Ministries and Police Forces
Up to 02/03/2015	EUR 990*	EUR 1,390*	EUR 890*
From 03/03/2015 to 30/03/2015	EUR 1,190*	EUR 1,590*	EUR 1,090*

### FEES INCLUDE

- > access to the conference, full business programme, conference documents and proceedings
- > access to the 3-day exhibition
- > coffee-breaks & lunches
- > evening networking events

No registrations will be accepted after 30/03/2015.

Daily rates are not available, nor are reduced rates for attending either the Conference or the Exhibition. All registration fees are due upon sending the registration form.

### Networking events and post-conference tour

The networking events include the Welcome Cocktail, the Exhibition Aperitif and the Dinner Party and are free of charge for delegates (see more details on pages 22, 23).

Evening events for accompanying persons	POST-CONFERENCE TOUR on 25/04/2015 Grand day trip around Copenhagen
EUR 200*	EUR 140*

### Payments

No payment should be sent to Intergraf before receipt of the corresponding invoice.

All payments are to be made in Euro (EUR) without deduction of any bank charges, either by bank transfer or by credit card (Visa, Mastercard and Amex). Intergraf's bank details will be indicated on the invoice.

### Cancellation policy

Substitution of approved delegates from the same company may be made at any time.  
 Cancellations made after **02/03/2015** will incur a charge of 25% of the total invoiced fees.  
 Cancellations made after **16/03/2015** will incur a charge of 50% of the total invoiced fees.  
 Cancellations made after **30/03/2015** and no-shows will incur a charge of 100% of the total invoiced fees.

\*Fees exclude 25% VAT.

# UNIQUE PROTECTION, INFINITE BEAUTY, NATURE'S INSPIRATION FOR YOUR SECURITY DOCUMENTS

Benefitting from in-depth understanding and knowledge of the high-security printing industry, SICPA provides innovative, customisable solutions that cater to the specific needs of our customers. Our highly sophisticated security ink technologies bring a wide range of design possibilities, inspired by nature's unique colours and ingenuity.

For Intergraf's Security Printers 2015, SICPA will demonstrate the full potential that can be reached using its cutting-edge security technologies for a new generation of passports and security documents. Find out more by visiting our booth and attending our presentation.

[www.sicpa.com](http://www.sicpa.com)

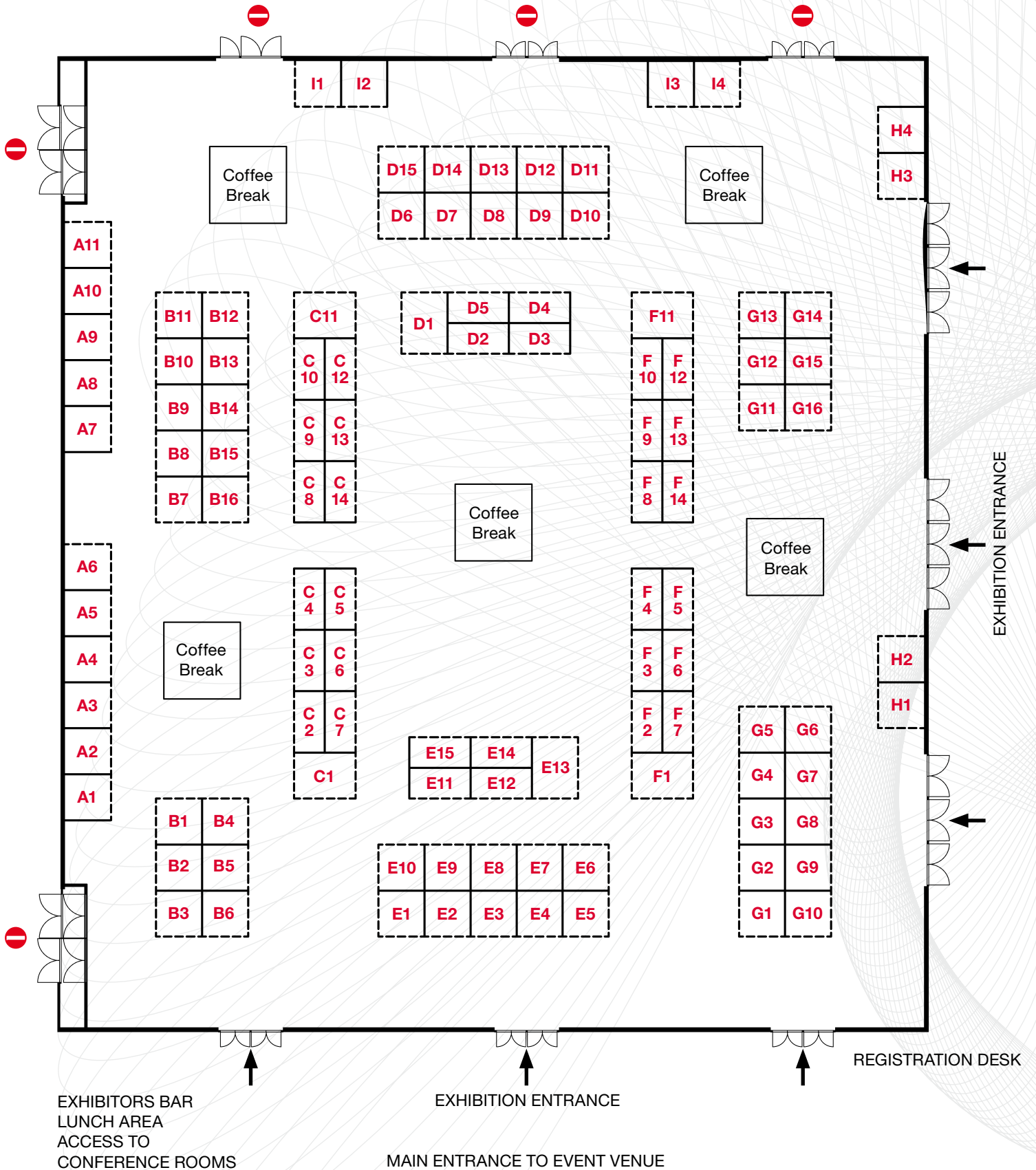


Enabling trust

SICPA SA, Security Inks Division  
Av de Florissant 41, 1008 Prilly, Switzerland  
Tel +41 21 627 55 55 Fax +41 21 627 57 27  
[www.sicpa.com](http://www.sicpa.com)

—  
Different tree types have layers of barks in attractive colourations and rich surface textures as means of protection.

# Exhibition floor plan (Hall A)





# 2015 Security Printers | Exhibition

International Conference and Exhibition

## Exhibiting companies

- D4** 4Plate
- D7** ABnote Corp.
- D6** Advanced Track & Trace
- D2** Agfa Graphics
- C11** Andrews & Wykeham
- C1** API Holographics
- G5- G6** ARJOWIGGINS SECURITY
- C12** ART-Line Projekt GmbH
- H1** ASK
- B4** Atlantic Zeiser
- D8** Austria Card
- G4** Axode
- E2** Bayer MaterialScience
- F11** BCA/GSSC Security Alliance
- G13** BN International b.v.
- G11- G16** Bundesdruckerei GmbH
- G9** centro grafico dg
- A10** Computer Holography Centre Ltd
- F8** Crane Currency
- B1** das-Nano
- H2** Datacard Group
- B13** DERMALOG Identification Systems GmbH
- C14** DILETTA ID-Systems
- G2** DIP A INC.
- C2-C3** Drewsen Spezialpapiere GmbH & Co. KG
- D13** Dutch National Police / Swedish Federal Research Institute
- E14** Ecological Fibers, Inc.
- E7** Favini srl
- B14-B15** Fedrigoni spa
- D3** Fibermark Red Bridge International
- F1** FNMT-RCM
- B16** Giesecke & Devrient
- F10** Gietz AG
- G3** GOZNAK
- C8** Heinz Ziegenbein GmbH & Co. KG
- B2** HID Global
- B3** Holliston LLC
- F2-F3-F4-F5-F6-F7** HOLOGRAM.INDUSTRIES
- F9** Honnorat Recherches & Services
- D9-D10** HUECK FOLIEN GmbH
- B11** Hunkeler Systeme AG
- E13** IAI industrial systems
- F9** IN-CORE Systèmes
- F13** Inspectron Ltd
- A6** INTERGRAF
- D14** Interpol / Europol
- G10** ISRA SURFACE VISION
- A7** Istituto Poligrafico e Zecca dello Stato
- E11-E12** Jura JSP, OeBS, PARVIS (Security Printing Alliance)
- B6** KBA NotaSys
- C13** Keit Ltd
- B5** Kugler-Womako GmbH
- A1-A2-A3-A4-A5** KURZ
- D5** Lake Image Systems Limited
- G12** Lana Papiers Speciaux
- B16** Louisenthal
- E5** Luminescence
- G14** Matiran Co. Ltd.
- C12** MELZER maschinenbau GmbH
- B12** Merck KGaA
- H3** Morpho
- D11** Mühlbauer Group
- I4** OASYS TECHNOLOGIES
- G7-G8** Oberthur Technologies
- H4** Orell Füssli Security Printing Ltd.
- C7** Otto Künnecke GmbH
- A1-A2-A3-A4-A5** OVD Kinegram AG
- E9** PAPETERIES DE VIZILLE
- C5** Paul Leibinger GmbH & Co. KG
- C4** PETREL
- F12** Projectina
- F14** PWPW (Polish Security Printing Works)
- C6** Regula
- B7** Rolic Technologies Ltd.
- E6** Ruhlamat GmbH
- D15** Saueressig GmbH + Co. KG
- E3-E4** Schmid Rhyner AG
- D1** Security Papers UK
- E1-E10** SICPA
- G15** SPGPrints
- G1** SPM - Security Paper Mill, a.s.
- I3** SunChemical
- I2** TraceTag Europe
- E15** Trüb AG
- C9** Tullis Russel
- I1** Uno Seisakusho Co. Ltd.
- A11** UPM Raflatac
- E8** VTT Verschleißtechnik GmbH
- C10** Wista GmbH



Arjowiggins  
Security  
Identity & Access control



## Change your perspective

Trapped in a proprietary system? Is the price of your freedom unexpectedly high?

Arjowiggins Security's modular issuing solution and unmatched expertise in system integration are the keys to your issues.

We can give you back freedom of choice, we can give you back control...

## System integration for ID solutions



e-Passports • e-ID Cards • OS & Systems • e-Ticketing

[www.arjo-identity.com](http://www.arjo-identity.com)

### PARIS

32, avenue Pierre Grenier  
92100 Boulogne Billancourt France  
Tél.: +33 (0)1 57 75 93 49

### HONG KONG

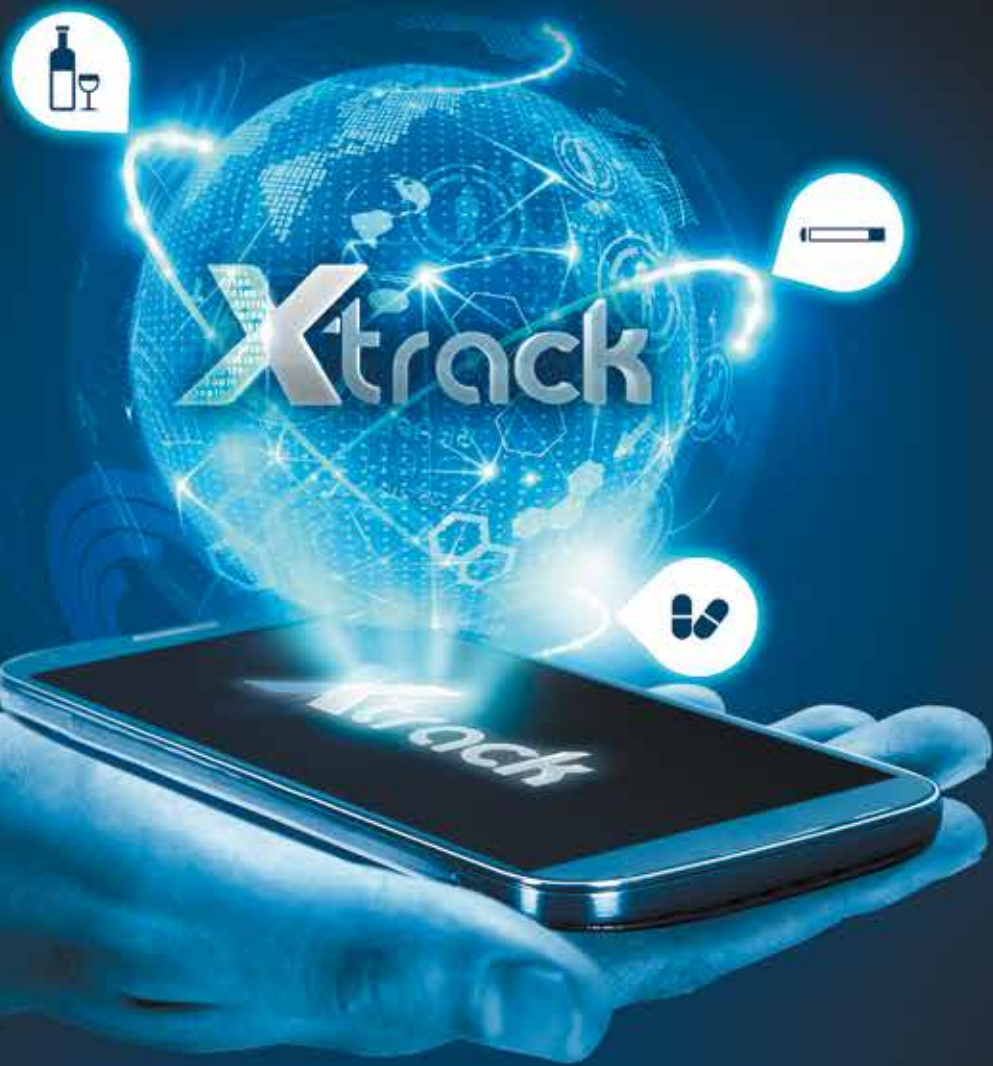
23/F Siu On Centre  
188 Lockhart Road - Wanchai - Hong Kong  
Tél.: +852 23020951

### SÃO PAULO

Rodovia Salto - Itu, 30 - Bairro Porto Góes  
CEP : 13.324-195 - Salto/SP - Brazil  
Tél.: +55 (11) 4028 9200



Arjowiggins  
Security



## Borderless Security

Arjowiggins Security provides complete governmental security solutions to fight against illicit trades, counterfeiting and forgery.

X'track is the effective solution for production volume control, secure identification and digital tax verification.

GOVERNMENTAL  
SOLUTIONS

Your partner for  
governmental security solutions

[www.security.arjowiggins.com](http://www.security.arjowiggins.com)

32, avenue Pierre Grenier - 92100 Boulogne Billancourt - France  
| Tel. : +33 (0)1 57 75 93 00 | [security@arjowiggins.com](mailto:security@arjowiggins.com)

For more  
information

## Practicalities

### Registration

Register online: [www.securityprinters.org](http://www.securityprinters.org)

Start: 10/11/2014

End: 30/03/2015

Register before 02/03/2015 & save EUR 200 + VAT!

### Check-in for the Conference & Exhibition

Intergraf welcome desk:

Tuesday 21/04/2015: 14.00-20.00 hrs

Wednesday, Thursday, Friday 22-24/04/2015: 08.00 onwards

Registered delegates are requested to check-in at the registration desk situated in the foyer of the congress centre. Subject to full payment of their registration fee, delegates will receive their access badge and the conference documents.

Intergraf staff will be available at the desk during the whole event and will be happy to provide any information you might need.

### Security & Badges

To safeguard confidentiality throughout the event, the conference and exhibition areas will be accessible exclusively to delegates wearing the appropriate badge, which will be checked systematically upon entering the congress centre.

Delegates must wear their badge at all times during the Conference and the Exhibition and also during the social events. Accompanying persons need to wear their badge during all social events they attend.

Delegates' and Partners' badges will feature photographs. Upload your jpg photo during the online registration or send it to [securityprinters@intergraf.eu](mailto:securityprinters@intergraf.eu) in the following format:



240x300 pixels

Resolution 300 dpi

Maximum size of 50kb

If you attended the last event –  
no need to send new photographs  
unless otherwise advised

## Rotary screen printing solutions

### Roll to roll printers



### Sheet-fed printers



New safety features and anti-scratch lacquer for polycarbonate\*:

- banknote printing, roll to roll and sheetfed
- passports
- identity cards
- credit cards
- tax stamps
- and others

\* developed in cooperation with PrintColor

Visit us at Intergraf 2015, booth G15

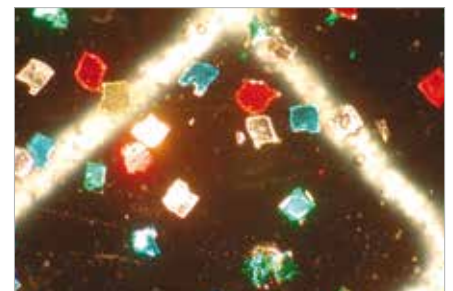
### SecuScreen®



Iridescent effect



SecuScreen®

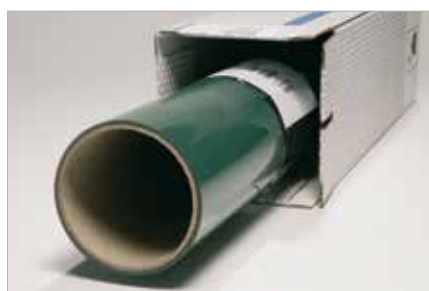


Rotary screen printed security parts

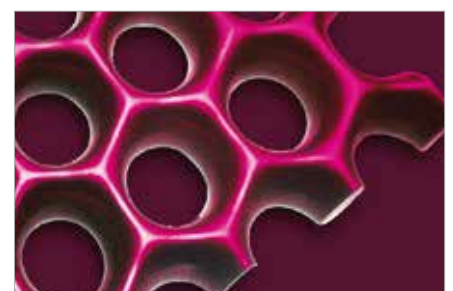
### SecuPlate®



OVI-effect



SecuPlate®



Honeycomb-structured nickel sheet

# Mobile application

**AVAILABLE AS OF MARCH 2015**

The 2015 Intergraf Mobile App is designed to help participants plan their event, interact with attendees and exhibitors, schedule meetings and be kept up-to-date with event news onsite.

## Learn

- Speaker listings provide in-depth biographies, photos, and schedules.
- Detailed session descriptions, exhibition plan and exhibitors' profiles make it easy to plan your day.
- Real-time event listings let you know what's happening.
- Integrated feedback forms help you interact with the organizers and contribute to next year's event.

## Connect

- Access the private networking feature to contact other event participants and receive messages. This is a secure, participant-only network designed to encourage collaborations, discussions, and meetings before and during the event.
- See who's coming: browse the participants' list with photos.
- Find exhibitors and consult their profiles.

## Personalise

- Customise and save your own personal event schedule.
- Take notes to share with your colleagues.

The application will be available exclusively to participants at the event and will have a password secured access. It is compatible with iPhone®, iPad®, Android® and Blackberry®.

Registered attendees will receive their personal login and password by email a few weeks before the event.



# 2015 Security Printers International Conference and Exhibition

## Floor plan & opening hours

### Conference opening hours

Turn to pages 5 to 11 to view the detailed programme

22/04/2015: from 09.00 to 13.00 hrs

23/04/2015: from 09.00 to 17.00 hrs

24/04/2015: from 09.00 to 12.30 hrs

All business sessions will be held in English only.

### Conference opening hours

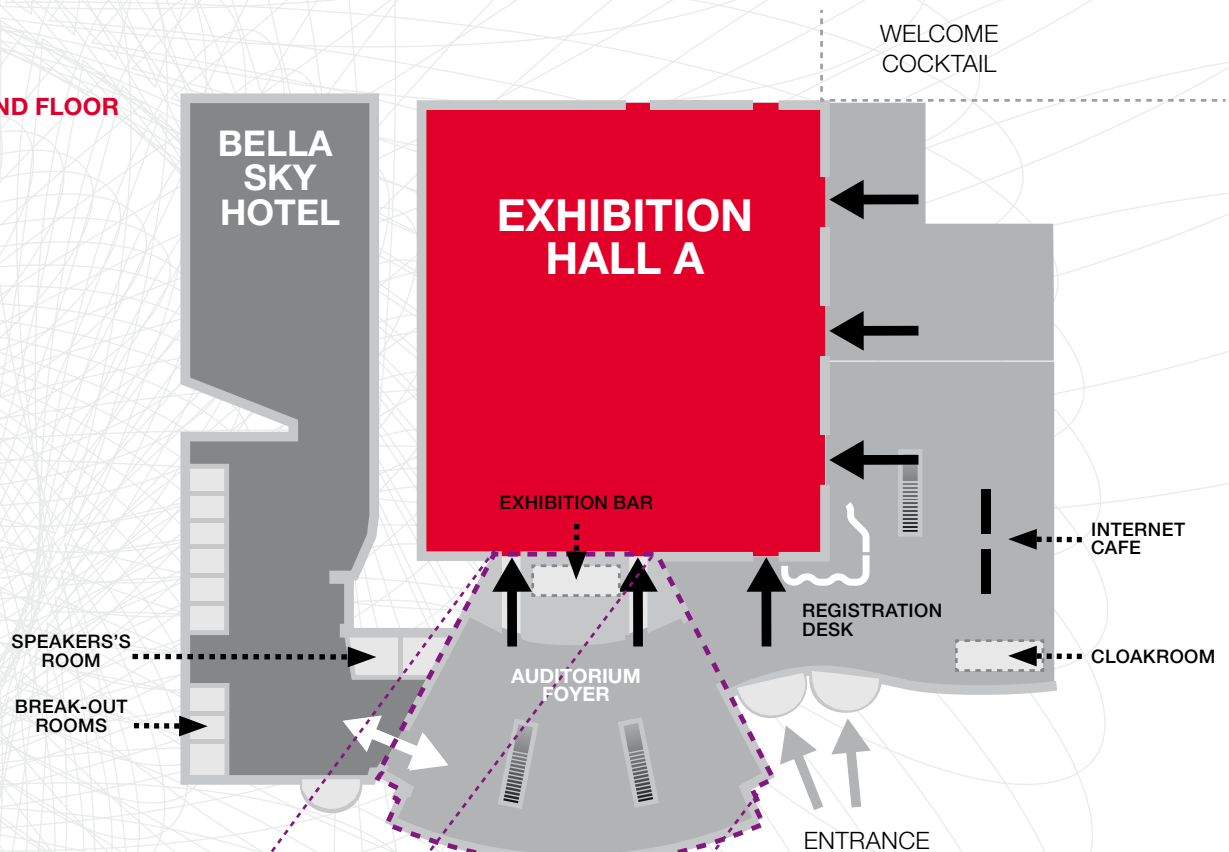
Turn to pages 14, 15 to view the list of exhibitors

22/04/2015: from 11.00 to 19.00 hrs

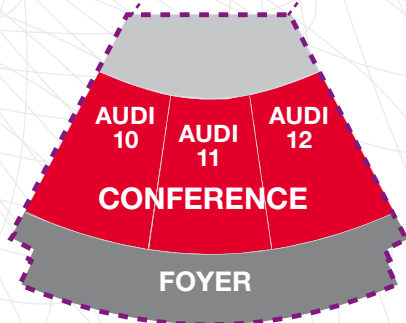
23/04/2015: from 08.30 to 18.00 hrs

22/04/2015: from 08.30 to 14.00 hrs

### GROUND FLOOR



### FIRST FLOOR



### Conference

Wednesday: Audi 10, 11, 12

Thursday: Parallel Sessions, Audi 10 & 12

Friday: Parallel Sessions, Audi 10 & 12

Debate, Audi 10

### Coffee Breaks

Exhibition Hall A

### Walking Lunch (Wednesday & Thursday)

Auditorium Foyer & Exhibition Hall A

## Networking events

Free for delegates. Please register your accompanying person.

### Welcome Cocktail – Congress Centre

**Tuesday, 21/04/2015: 19.00 – 20.30 hrs**

This will be the first occasion for delegates to meet and taste Danish specialties. All conference participants and registered partners are welcome to join. Please present your badge to enter.

### Exhibition Aperitif – Exhibition

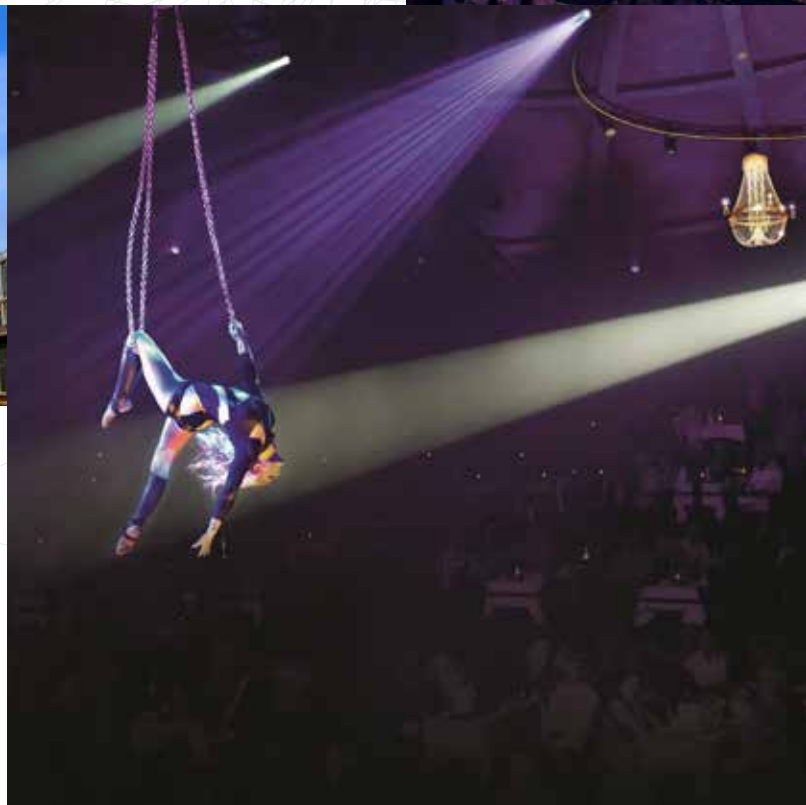
**Wednesday, 22/04/2015: 17.00 – 18.00 hrs**

The afternoon will end with a cocktail reception in the exhibition hall. You will have the opportunity to discover the latest technologies in the security printing field in a more relaxed atmosphere.

### Dinner Party – Wallmans

**Thursday, 23/04/2015: 19.00 – 23.00 hrs**

All delegates are invited to this exclusive and spectacular evening at the Circus Building in Wallman's, where show, entertainment and good food come together! Delegates will enjoy a delicious dinner in great company, while being drawn into a world full of magic moments: amazing musical interpretations, entertaining artistry, hilarious comedy, and dizzying acrobatics. This unique event ends when we turn the circus ring into an inviting dance floor (23.00 – 01.00 hrs).





## Post-conference tour – Saturday 25/04

Comfortable shoes are recommended.

### Grand day trip around Copenhagen

**10.00 – 17.00 hrs** (by bus leaving from the congress centre)

See all the best of Scandinavia's most historic and culturally important region in a one day bus tour!

- Roskilde Cathedral (UNESCO World Heritage Site)
- Frederiksborg Palace in Hillerød
- The Viking Ship Museum in Roskilde

Frederiksborg Castle is the largest Renaissance Castle in Scandinavia. The castle was built by King Christian IV in the early decades of the 17<sup>th</sup> century and incorporates the best of Renaissance architecture and craftsmanship. Since 1878, Frederiksborg Castle has housed the Museum of National History. A tour through the museum is a tour through 500 years of Danish history illustrated by portraits, history paintings, furniture and decorative art. Here the guest encounters people and events which have shaped Danish history from the Middle Ages to the 21<sup>st</sup> century.

Roskilde Cathedral is inscribed on the UNESCO world heritage list. It is a unique and beautiful medieval cathedral. The Viking kings Harold Bluetooth (d. 985) and his son, Sweyn Forkbeard (d. 1014) conqueror of England is buried here. Almost 40 kings and queens of Denmark are buried here.

In Roskilde, we also visit the Viking Ship Museum, the Danish museum for ships, seafaring and boatbuilding culture in ancient and medieval times. Here you will see excavated and modern models of the type of ships that the vikings used to conquer England and sail to America a millennium ago.



## Conference hotel

**RESERVATIONS OPEN ONLINE AS OF 10/11/2014:  
[WWW.SECURITYPRINTERS.ORG/HOTELS.HTML](http://WWW.SECURITYPRINTERS.ORG/HOTELS.HTML)**

**Bella Sky Comwell Hotel Copenhagen** – integrated part of Bella Center where the conference and exhibition are being held!

Bella Sky Comwell's ultramodern Scandinavian design permeates all of the 812 unique rooms, all of which are decorated with designer furniture and equipped with individual ceiling to floor windows in varying trapezoidal forms, providing spectacular light in every single room.

All rooms feature: air conditioning, free wireless internet, an advanced radio and TV system with video-on-demand, mini-bar, tea and coffee facilities, safety box, hairdryer, and 24-hour room service.

17<sup>th</sup> floor is a women-only floor, called Bella Donna. The idea is to put extra focus on women's wants and needs on feeling completely safe, relaxed or indulged. This floor offers everything from large towels, international women's magazines, exquisite beauty products and a minibar with smoothies and champagne instead of potato chips and beer.

Guest staying at the hotel can enjoy the Aqua Spa & Fitness centre. The Spa offers cold and warm baths, steam bath, power showers and much more and the fitness centre is equipped with the most modern training machines. Access to the fitness centre is included in the room price. Access to Aqua spa: 150DKK (20€).

Bella Sky Comwell is a non-smoking hotel. Allergy-friendly rooms are available on request.

Just 100 metres from the hotel, the Metro and buses will take you directly to the city centre in less than 10 minutes.



# 2015 Security Printers International Conference and Exhibition

## Rates

Early bird rate: 20% off up to 01/02/2015!		Rate from 02/02/2015	
SINGLE	DOUBLE	SINGLE	DOUBLE
EUR 167	EUR 183	EUR 208	EUR 229

Rates include buffet breakfast, wireless internet, use of fitness centre, 25% VAT and service charges.

To benefit from these rates, book your room on [www.securityprinters.org/hotels.html](http://www.securityprinters.org/hotels.html)

## Cancellation policy

The Bella Sky Hotel does not accept any reservation without receiving the credit card details of the guest.

In case of cancellation, the following policy will be applied by the hotel:

Cancellation between 21/01/2015 and 23/02/2015: *1 night will be charged.*

Cancellation between 24/02/2015 and 07/04/2015: *2 nights will be charged.*

Cancellation between 08/04/2015 and 14/04/2015: *3 nights will be charged.*

Cancellation after 15/04/2015 and no-shows: *100% of the reserved room-nights will be charged.*

## Free airport shuttle service with on board Wi-Fi

If you are departing from or arriving at Copenhagen Airport, you can use the hotel free airport shuttle service, which operates from 06:00-23:00. The shuttle bus goes at least once every thirty minutes and commutes between Copenhagen Airport, Crowne Plaza Hotel next by, Bella Sky Comwell, Crowne Plaza and Copenhagen Airport. There is room for up to fifteen passengers and the bus is operated on a first come, first served basis. Bella Sky Comwell does not cover the costs of other travel arrangements if the bus is full.

## When travelling from the airport to the hotel

After you have collected your luggage and left the airport arrivals hall, locate the hotel's iPad at the information counter in Terminal 3. The iPad will guide you to the Terminal 2 bus pick-up point, where you find the shuttle bus.

## When travelling from the hotel to the airport

If you are flying from Copenhagen Airport, please ask the reception for shuttle bus reservation.

## Transport rates

Bella Sky Comwell is just a 5 minute taxi drive from Copenhagen Airport.

A taxi from Bella Sky Comwell Hotel to the city centre costs about DKK 200 (27€).

A taxi from Bella Sky Comwell to Copenhagen Airport costs about DKK 150-200 (20-27€).

## Copenhagen

Copenhagen, the royal capital of Denmark is one of Europe's oldest and most wonderful cities - a metropolis with culture, fashion and nightlife par excellence, yet still small enough to be intimate, safe and easy to navigate. Overlooking the Øresund strait with Sweden just minutes away, it is a cultural and geographic link between mainland Europe and Scandinavia. This is where old fairy tales blend with flashy new architecture and world-class design; where warm jazz mixes with cold electronica from Copenhagen's basements. You will feel you have seen it all in a day, but could keep on discovering more for months.

Copenhagen is a compact city and everything is close at hand. Most hotels, restaurants, sights and shops are within walking distance. The city has few traffic problems which guarantees minimal travel times in and around the city.

### Easy to reach

Copenhagen Airport (CPH) is Northern Europe's main traffic hub with direct flights from 130 destinations all over the world. The airport is situated on the island of Amager, eight kilometres south-east of Copenhagen. The city centre can be reached within 12 minutes by metro or train which are connected directly with the airport terminal. This is by far the fastest transfer time from airport to city centre of any European capital city.

The Bella Centre and Bella Sky Hotel, where the 2015 Security Printers is being held, can be reached within 15 minutes by metro and 5 minutes by taxi.

## Useful addresses

### Bella Center Copenhagen

Center Boulevard 5  
DK-2300 Copenhagen  
[www.bellacenter.dk](http://www.bellacenter.dk)

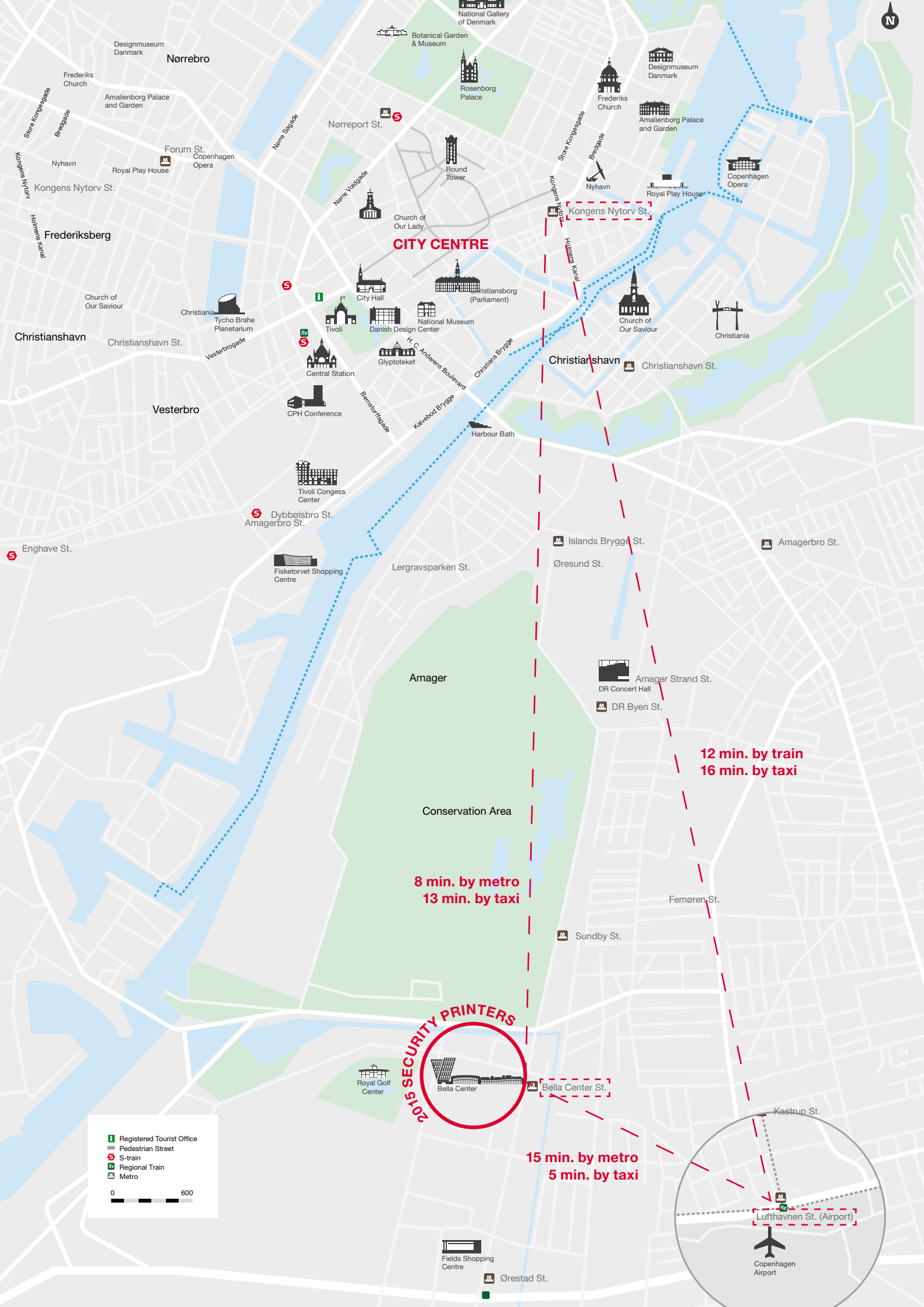
### Bella Sky Comwell Hotel Copenhagen\*\*\*\*

Center Boulevard 5  
DK-2300 Copenhagen  
Phone: +45 3247 3000  
[www.bellaskycomwell.dk](http://www.bellaskycomwell.dk)

### Wallmans (Dinner Party venue)

Jernbanegade 8  
DK-1608 Copenhagen V  
Phone: +45 3316 3700  
[www.wallmans.dk](http://www.wallmans.dk)





Nørrebro

CITY CENTRE

Vesterbro

Amager

Conservation Area

2015 SECURITY PRINTERS

- Registered Tourist Office
- Pedestrian Street
- S-train
- Regional Train
- Metro

0 600

12 min. by train  
16 min. by taxi

8 min. by metro  
13 min. by taxi

15 min. by metro  
5 min. by taxi



Copenhagen Airport

- Standardized security requirements
- Upgraded certification from CWA to the worldwide recognized ISO level
- A reliable guarantee for governments and other customers
- Over 10 years of success and 80+ companies certified

**INTERGRAF** offers leading global standardisations for the industry:



## **ISO 14298 – Management of Security Printing Processes**

For producers of documents of value, e.g. Banknotes, ID documents or security foils, which are physically protected against counterfeiting by added security features. ISO 14298 specifies requirements for the management of security printing processes and is a transposition of the former CWA 14641.



## **CWA 15374 – The Certification for Suppliers to the Security Printing Industry**

All suppliers of products that include security features or of services that ensure the physical security of printed matter manufactured by a Security Printing Company can be audited against the CWA 15374.

**Support the Security Printing Industry against counterfeiting and become a trusted organization.**

**Apply today at [certification@intergraf.eu](mailto:certification@intergraf.eu) and visit our website at [www.securityprinters.org](http://www.securityprinters.org)**

Maximum security at every step from development to deployment.



The officer's  
best friend.

Thanks to the KINEGRAM®, the authenticity of banknotes and government documents can be checked by the naked eye.

For banknotes: LEONHARD KURZ Stiftung & Co. KG  
Schwabacher Straße 482 | D-90763 Fuerth | [www.kurz.de](http://www.kurz.de) | [sales@kurz.de](mailto:sales@kurz.de)

For government documents: OVD Kinegram AG | Member of the KURZ Group  
Zaehlerweg 12 | CH-6301 Zug | Switzerland | [www.kinegram.com](http://www.kinegram.com) | [mail@kinegram.com](mailto:mail@kinegram.com)

**KINEGRAM®**

## Facts & figures 2013 Security Printers Vienna, Austria

Intergraf's Security Printers, International Conference and Exhibition aims at regularly taking stock of the situation in the security printing industry in both the banknote and the security document fields. Both are high-technology sectors where developments can be rapid.

Institutional end users, such as central banks, passport and ID card issuers and national and international law-enforcement agencies need to know what is new and what experiences their colleagues in other countries have had. The new format of having one common session for banknote and passport issuers followed by separate sessions for either field in both the High Security and the General Conference, which was well received at the last conference in Vienna, offers all participants maximum exposure to the topics in their respective area.

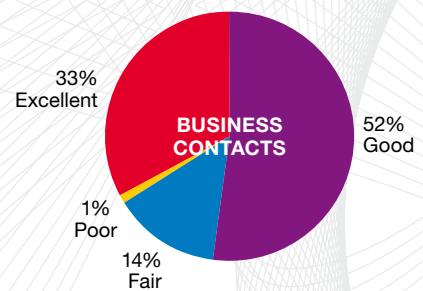
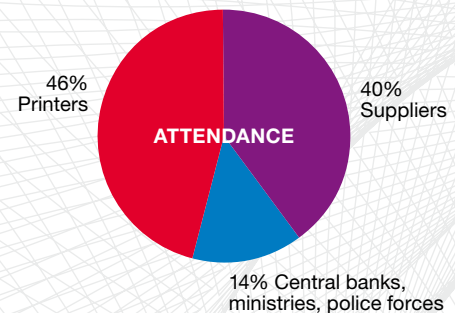
Added to this, the exhibition is continuing to be a very strong draw for the over 100 institutional end-users to see first-hand what the industry has to offer.

The 2015 Security Printers in Copenhagen promises again to provide up-to-date, highly topical information and plenty of opportunity for informal, but vital, networking.

**Manfred GORETZKI**  
Editor Infosecura

### VIENNA 2013

- > 920 participants from central banks, ministries, police forces, security printers and suppliers
- > 60 countries
- > 100 exhibiting companies



### WHAT SOME OF YOU SAY

*"Networking opportunities are key to attend"*

*"Great opportunity to update knowledge and cooperation"*

*"This is a great event to learn about the current industry trends and meet experts from all spheres"*

*"We had a heavily frequented booth with good to very good contacts with ongoing perspective"*





# 2015 Security Printers

International Conference and Exhibition



## Member federations of Intergraf

Only companies which are members of one of the following national federations will be granted the member fee for the conference.

### AUSTRIA

**Verband Druck & Medientechnik**  
Grünangergasse 4  
1010 Vienna  
Tel: +43 1 512 66 09  
www.druckmedien.at

### PPV Austria

Brucknerstrasse 8  
1041 Vienna  
Tel: +43 1 505 53 820  
www.ppv.at

### BELGIUM

**Fédération Belge des Industries Graphiques**  
Rue Bara 175  
1070 Brussels  
Tel: +32 2 512 36 38  
www.febelgra.be

### BULGARIA

**Printing Industry Union of Bulgaria**  
117 Tsarigradsko chause blvd.  
1184 Sofia  
Tel: +359 2 975 23 88  
www.printunion-bg.org

### DENMARK

**Grafisk Arbejdsgiverforening**  
Helgavej 26  
5230 Odense M  
Tel: +45 63 127 000  
www.ga.dk

### ESTONIA

**Eesti Trukitööstuse Liit**  
Vahe 6  
11622 Tallinn  
Tel: +372 6114 408  
www.trykilliit.ee

### FINLAND

**Graafinen Teollisuus ry**  
Lönnrotinkatu 11a  
00120 Helsinki  
Tel: +358 9 228 77 200  
www.graafinenteollisuus.fi

### GERMANY

**Bundesverband Druck und Medien**  
Friedrichstrasse 194-199  
10117 Berlin  
Tel: +49 30 20 91 390  
www.bvdm-online.de

### HUNGARY

**Federation of the Hungarian Printers and Paper Makers**  
Bartok Bela ut 41  
1114 Budapest  
Tel: +36 1 350 77 28  
www.fedprint.hu

### ITALY

**ASSOGRAFICI**  
Piazza Conciliazione 1  
20123 Milano  
Tel: +39 02 498 10 51  
www.assografici.it

### LATVIA

**Latvian Printers Association**  
Perses iela 14-8  
1011 Riga  
Tel: +371 67 44 28 31  
www.livoniaprint.lv

### LUXEMBURG

**Association des Maîtres Imprimeurs du Grand-Duché de Luxembourg**  
B.P. 1604  
1347 Luxembourg  
Tel: +352 42 451 127  
www.amil.lu

### MALTA

**Malta Printing Industries Association**  
Room 1055, KBIC Centre  
Corradino Industrial Estate  
Malta  
Tel: +356 23 98 01 55  
www.mpia-malta.com

### NORWAY

**NHO GRAFISK**  
Sørkedalsveien 10 C  
Postbox 5495 Majorstuen  
0305 Oslo  
Tel: +47 23 08 78 70  
www.nhografisk.no

### PORTUGAL

**Ass. Portuguesa das Ind. Graficas de Comunicação Visual e Transformadora do Papel**  
Largo do Casal Vistoso 2-D  
Escritorio B,C,D  
1900-142 Lisboa  
Tel: +351 21 849 1020  
www.apigraf.pt

### SPAIN

**Federación Empresarial de Industrias Graficas de España**  
Rufino Gonzalez, nº 23 bis,  
2º piso  
28037 Madrid  
Tel: +34 91 481 31 61  
www.feigraf.es

### SWEDEN

**Grafiska Företagens Förbund**  
Storgatan 19,  
Box 555 25  
102 04 Stockholm  
Tel: +46 8 762 68 00  
www.grafiska.se

### SWITZERLAND

**Schweizerischer Verband für Visuelle Kommunikation**  
Speichergasse 35  
3001 Bern  
Tel: +41 58 225 55 00  
www.viscom.ch

### Verband der Schweizer Druckindustrie

Schosshaldenstrasse 20,  
3001 Bern  
Tel: +41 31 351 15 11  
www.druckindustrie.ch

### THE NETHERLANDS

**Koninklijk Verbond van Grafische Ondernemingen**  
Startbaan 10 Postbus 220  
1180 AE Amstelveen  
Tel: +31 20 543 56 78  
www.kvgo.nl

### UNITED KINGDOM

**British Printing Industries Federation**  
Pump House, 3<sup>rd</sup> Floor  
19 Hooper Street, Aldgate  
London E1 8BU  
Tel: +44 845 250 7050  
www.britishprint.com



# ENHANCE YOUR CURRENCY



## Security Printing Solutions for Central Banks and Banknote Printers

### We specialise in:

- WESSCO® Protector UV coatings suitable for banknote protection with excellent anti-soiling properties
- GALACRYL® Protector water-based coatings and primers suitable for banknote protection
- WESSCO® U.R.T. and GALACRYL® U.R.T. Colour Shift Coatings
- Low odour, solvent-free and environmentally friendly products
- Extensive technical support world-wide

Visit us at booth E3 & E4



SWISS BRILLIANCE IN COATING