

RECONNAISSANCE

# HIGH SECURITY PRINTING™

EMEA

9–11 FEBRUARY 2026

Rabat, Morocco

The latest technologies and techniques in the production and issue of banknotes, ePassports, ID cards, visas and other documents across Europe, the Middle East and Africa

[hsp-emea.com](http://hsp-emea.com)

*"I enjoyed the conference very much; the topics were very interesting."*

Dar As-Sikkah, Bank Al-Maghrib

Government delegates attend for

**FREE**

# Welcome

This is what makes High Security Printing™ (HSP) EMEA such a vibrant and rewarding experience.

**The event, established for over 24 years, plays host to a programme exploring all aspects of the design, production, personalisation and authentication of secure documents. The programme features a strong agenda and a cross section of government authorities, suppliers and printers, with a range of expert speakers presenting on topics ranging from sustainability and resilience in print to physical and digital technologies, security features and mobile identity.**

Taking place in Rabat, Morocco, High Security Printing EMEA will attract an international audience of some 250 leading specialists to discuss winning strategies, successful examples and innovative new technologies, with a special emphasis on Europe, the Middle East and Africa.

We hope you will be able to join us and look forward to welcoming you to Morocco.

## Topics

- Regional developments in currency and document security
- Currency features and substrates
- Travel documentation technologies and features
- Printing, production and sustainability
- Anti-counterfeiting, document verification and enforcement
- New developments in ID cards and breeder documents
- Electronic identity and eGovernment
- Technology and innovation

*“It is always good to meet colleagues around EMEA region to exchange knowledge and experience. The conference was interesting, as always especially mobile ID and EUD wallet topics.”*

Estonian Police and Border Guard Board

## Ten Reasons to Attend

10

- 1 Discover new ways to secure banknotes and government documents
- 2 Investigate the latest products, innovations and security features
- 3 Talk with specialist technology suppliers
- 4 Join the debate and better understand the challenges faced by issuers
- 5 Share ideas with informed security professionals from across the industry
- 6 Ask international informed speakers about their personal experience
- 7 Enhance your technical knowledge in our professional development seminars
- 8 Learn practical lessons through best practice examples
- 9 Establish new contacts and expand your network
- 10 Gain an insight into the issues across Europe, the Middle East and Africa

# Our Sponsors

Platinum



With its reference brands & technologies: IN Groupe brand for physical & digital identity and currency solutions, secure DOVID for Currency and Identity based on SURYS IN Groupe cutting-edge technologies, secure Inks based on Gleitsmann Security Inks from IN Groupe state-of-the-art technologies and Inductive Coupling electronics for Identity documents based on SPS IN Groupe technology.

[ingroupe.com](http://ingroupe.com)

Diamond



IQ Structures is a company creating micro and nano structures that provide products and materials with extraordinary properties to be used mainly in the fields of anti-fraud protection and optics.

HUECK FOLIEN offers tailor-made solutions with the widest range of technologies for high-security features for banknotes and documents.

[iqstructures.com](http://iqstructures.com) [www.hueck-folien.at](http://www.hueck-folien.at)

Gold



KOENIG & BAUER

KOMORI



Silver



## Specialist Supplier Exhibition

Our dedicated exhibition brings specialist suppliers and delegates together to discuss the latest innovations in security printing, papers and inks, optical and digital security features and authentication.



foster+freeman®



RAITH



## Session 1: Currency and Identity Documents in EMEA

### Welcome Address from Bank Al-Maghrib

Hassan Regraga, Managing Director of Dar As-Sikkah, Bank Al-Maghrib

### Dar As-Sikkah: Continuous Development and Modernization

Ahmed Lemrhabbar and Rachid Bouchmal, Dar As-Sikkah, Bank al Maghrib (Morocco)

### LASINK™: 10 Years of Excellence and the Evolution to Origin+

Thomas Poreaux and Anaïta Berangui, IN Groupe (France)

### Advanced Counterfeiting Trends in North Africa: Imitation of High-Security Features in Banknotes, ID Documents and Visas

Alsharif Hashem Mogahed, Ministry of Justice (Egypt)

### Building a National Security Printing Ecosystem: Strategy, Technology, and Capacity in a New African Context

John Mwasa Wagogo, Parliament of Uganda



## Currency Sessions

### Session 2: Around the Region – What's Going on in Currency in EMEA

#### African Dreams Become Reality

Richard Perera, Landqart, (Switzerland)

#### Detection of Ink-Stained Money

Elisa van den Heuvel, De Nederlandsche Bank

#### Data as the Cornerstone: ABT for Safer and Smarter Design of Banknotes

Miguel López, Banco de España

#### Millennium of the Coronation of Bolesław Chrobry

Aleksander Godyn, Polish Security Printing Works – PWPW (Poland)

#### Objectives, Resources and Updates from the U.S. Currency Education Program

Howard Williams, Federal Reserve (USA)

### Session 3: A Greener Future for Banknotes

#### Science not Fiction: How Central Banks Address Banknote Durability and Sustainability

Lachlan McDonald, CCL Secure (Australia)

#### Oasis of Security, Sustainability and Future

Ewgenij Bagnjuk, Louisenthal (Germany)

#### Sneak Preview of the 2025 Global Banknote Shred Recycling Study Results

Jeroen Kusters, Kusters Engineering (Netherlands)

#### Sustainable Solutions for the Future of Cash

Alexie Jullien, SICPA (Switzerland)

#### Extending Product Lifecycle Using Recovered and Reprocessed Fibers

Alexandre Ambrozio Gilberti, Blendpaper, (Brazil)

### Session 4: Authentication and Intelligence

#### Serial Numbers inspection: Driving Traceability and Business Intelligence

Paolo Salgari, PARVIS (Italy)

#### The Hidden Signal in Your Cash: Magneto-Optical Technology for Banknote Examination

Olga Eglite, Regula Baltija (Latvia)

#### The Evolution of Eco-Friendly and High-Durability Intaglio Plate-making Technology

Barna Barabas, JURA (Hungary)

#### Compass Banknote Intelligence (CBI)

Gyula Tressel, Giesecke+Devrient Currency Technology (Germany)

#### From Strength to Strength, How Safeguard is Transforming the Banknote Industry

Gareth Evans, De La Rue (UK)

### Session 5: New Parameters for Production

#### Innovation for Production – Komori Focussing on Leading the Way

Phil Holland, Komori (Japan)

#### Serialization Meets Innovation, Micro-Perforation for High Security Products

Oliver Kostenbader, Zeiser (Germany)

#### Turning Choices into Decisions with Data... Because People (& Machines) Need Trust

Sébastien Perret and Rebecca Schenato, Koenig and Bauer Banknote Solutions (Switzerland)

#### Design Is Collaboration: Ensuring Your Vision Is Transcribed in Your Banknotes

Lionel Chircop, Oberthur Fiduciaire (France)

#### Unfold a New Dimension of Security

Jan Hofmann, Hueck Folien (Austria)

## Session 6: Technology and Innovation

### Beyond Hierarchy: Unleashing the Potential of Self-Organisation in Security and Technology

Jörg Fischer, Bundesdruckerei (Germany)

### Multi-Angle views 3D Computer Generated Hologram via High Throughput Laser Beam Lithography

Adriana Umbria, Raith (Netherlands)

### Lumicrypt™ Security Phosphors: Nano-Architecture for Tunable 'Rainbow' Inks with High Reverse-Engineering Resistance

Atul Sontakke, Seaborough Materials Research (Netherlands)

### InorganicTtaggants in Digital Printing Processes

Josh Collins, NovaVera (USA)



# Identity Sessions

## Session 2: What's Next for Identity and Travel Documents?

### Identity in Colour: Shaping the Next Chapter of Document Security

Natascha Trivasas, Toppan Security (Hong Kong)

### Informed by Counterfeits – Lessons from Compromised US Driver Licenses

Elain Wooton, HSI Forensic Laboratory (USA)

### Model Case: Application and Issuance Process for Passports and Identity Cards

Markus Biedermann, Liechtenstein National Administration Migration and Passport Office (Liechtenstein)

### PC Documents: Full Data Protection

Daniel Hollinger, OVD Kinigram (Germany)

## Session 3: Secure Identity Starts with Design

### The Identity-to-Integrity Nexus: Building Robust Digital Identity Ecosystems for Financial and National Security in Africa

Emmanuel Kpakpo Brown, National Identification Authority (Ghana)

### Beyond the Surface: The Story Behind the New Estonian ID-Card Design

Eliisa Sau, Identity and Status Bureau, Estonian Police and Border Guard Board

### Journey - Through Security, Art, and Collaboration

Balázs Megyeri, ANY Security Printing Company (Hungary)

### Smooth Transition into Polycarbonate

Robert Dvorak, IQ Structures (Czech Republic)

## Session 4: Physical and Digital ID

### The Next Generation of Optical Security Features for Currency and ID

Chander Jeena, International Optical Technologies Association – IOTA (UK)

### Transformation of new Identity Documents

Pawel Kopycki, Polish Security Printing Works – PWPW (Poland)

### From Work Permit and Re-entry Permit Card to a National Foreigner Register: Liberia's Transformation Journey

Ernest Boakai, Cetis (Slovenia)

### Where Heritage Meets Advanced Security: Georgia's New Gen ePP & eID

Tamta Petviashvili and Natalia Gegelashvili, Veridos (Germany)

### The Role of Security Features in Combating AI-generated Fraud

Thomas Poreaux, Secure Identity Alliance (France)

## Session 5: Security and Traceability – the Physical/Digital Interface

### Smart Optimization as the Driver of Operational Excellence

Helder Martins, SisTrade Software Solutions (Portugal)

### The Quantum Base Story – Smartphone Authentication using Quantum Physics

Tom Taylor, Quantum Base (UK)

### E-Motion™ – The Effect of Free Motion in Space

Micaal Sidorov, Demax Holograms (Bulgaria)

### Tax Stamps and Traceability Programs in Africa

Tim McIntyre, ITSA (UK)

### Helix-Lock The Case for Hybrid Tax Stamps Aligning Public Recognition with Adaptive Security

Stefaan D'Hoore, Luminescence Sun Chemical Security (UK)  
Tadej Turk, Jura (Hungary)

# Pre-Conference Seminars

## Currency

### The Empowering & Educational Value of Banknotes

Monday 9 February | Morning

Financial literacy plays a critical role in life outcomes, social cohesion, and national development. Yet nearly half the world continues to face financial capability gaps, many of which begin in early childhood.

Research shows that money related understanding and behaviour are shaped before the age of six, and that early, hands-on interaction with money is key to developing lifelong financial skills.

#### Why Banknotes?

Banknotes remain a child's first tangible experience of value. Their physicality offers unique learning benefits, helping young people grasp core concepts such as earning, spending, saving, budgeting, and financial decision-making in a way digital transactions often cannot replicate.

Recent international research (full white paper available at the event) highlights the continuing importance of physical currency in building foundational financial competencies that transfer to both physical and digital money use later in life.

#### The Global MoneyBox Initiative

In response, Koenig & Bauer Banknote Solutions and AFLATOUN International have launched a pioneering, multi-country programme that uses banknotes as an educational tool on an unprecedented scale. Early results show strong engagement from young learners, teachers, NGOs and public institutions.

The MoneyBox Pre-Conference Workshop will inspire participants to look at banknotes through an entirely different lens to re-imagine and redefine exactly what they bring to society and become part of a global movement to create significant positive social impact by simply doing what we love doing – making banknotes.

Participants will leave with a new perspective on the societal value of banknotes and how our industry can contribute to lifelong financial empowerment.

**Mark Stevenson, Koenig & Bauer Banknote Solutions**

### The Banknote Balancing Act – Making Informed Currency Choices

Monday 9 February | Afternoon

As central banks you face many important choices when it comes to managing your currency, from design and durability to cost, sustainability and public trust. This interactive workshop explores some of those choices, why they matter, and how data and expert insight can help guide the process. You'll have the chance to share your thoughts, learn from others, and take part in a practical exercise where you'll balance competing needs and priorities to make strategic currency decisions.

**De La Rue Workshop.** *This will be open to central banks and governments only.*

## Identity

### Unmasking Identity Fraud: Physical and Digital Document Threats Through Real Case Studies

Monday 9 February | Morning

When designing identity documents, how do the priorities differ between the issuer, the manufacturer, and the verifier, and which perspective ultimately determines the document's effectiveness against fraud?

Identity fraud remains one of the most pervasive threats in today's interconnected world, exploiting both physical and digital vulnerabilities. This interactive seminar dives deep into the evolving tactics fraudsters use to manipulate identity documents whether forged passports, counterfeit driver's licenses, or digitally altered credentials and the devastating impact these schemes can have on individuals and organisations.

Through real-world case studies, participants will explore:

- **Physical Document Fraud:** Techniques used in forgery, tampering, and impersonation, and how frontline detection methods can fail.
- **Digital Identity Fraud:** Emerging trends in synthetic identities, deepfakes, and credential theft in online ecosystems.
- **Hybrid Attacks:** How fraudsters combine physical and digital tactics for maximum deception.

The session will feature group discussions, and scenario-based problem-solving.

**Michael Van Gestel – Entrust & Maickel van Oijen – Keesing Technologies.**



# Social Events and Tours

## Sunday 8 February

### Welcome Reception

Kindly Sponsored by Landqart

All delegates are invited to join us from 6.30pm to 8.30pm at the FLAMME Restaurant, located by the Four Seasons hotel pool. Enjoy an evening inspired by the vibrant spirit of a Moroccan souk, perfect informal get together.

## Monday 9 February

### Opening Reception

Kindly Sponsored by IQ Structures and Hueck Folien

On Monday 9th February we host the welcome cocktail and exhibition opening with our sponsors and exhibitors presenting the latest developments in security printing and technologies in a relaxed atmosphere.

## Tuesday 10 February

### Conference Dinner – Palais Jawhara

Kindly Sponsored by INGroupe

On Tuesday, 10th February, we are delighted to welcome all delegates to an unforgettable conference dinner and the distinguished HSP Awards evening.

Set within the enchanting Palais, the atmosphere promises to leave a lasting impression. Guests will experience traditional entertainment and savour the richness of authentic local cuisine, creating a truly exceptional celebration. This is a rare opportunity to enjoy a once-in-a-lifetime evening in a remarkable and historic setting.

We look forward to seeing you.



## Wednesday 11 February

### Farewell Drinks – Exhibition Closing

Kindly Sponsored by De La Rue

On Wednesday 11th February we host the exhibition closing and farewell cocktail with the final chance to spend time with our sponsors and exhibitors showcasing the latest developments in security printing and technologies.

## Thursday 12 February

### Post Conference Tour

We are pleased to offer government delegates an exclusive opportunity to visit Bank Al-Maghrib's Dar As-Sikkah facility, Morocco's state-of-the-art hub for banknote printing and coin minting. Established in 1987, Dar As-Sikkah combines cutting-edge automation, world-class security, and sustainable green technology to produce the Moroccan Dirham. In addition to printing banknotes and minting coins, Dar As-Sikkah also produces the National Passport and Secure Identity Cards along with a portfolio of security documents, including visa stickers, stamps, and checkbooks as well as many other high-security documents. Its unique expertise in Morocco and its vast experience in the field of security printing enabled it to quickly become a privileged partner of many ministries and public institutions that used its services for manufacturing their security documents.

### Important Information

The tour has a maximum capacity so please be sure to register early to secure your spot, as places will be allocated on a first-come, first-served basis.

Contact Abigail Courage [abigail@recon-intl.com](mailto:abigail@recon-intl.com)



© Bank Al-Maghrib.

## High Security Printing EMEA Football Match

Kindly Sponsored by ZEISER

We are delighted to once again be holding our delegate football match in Rabat and hope to see many of you taking part.

Transport will be provided to and from the pitches for both spectators and players.

Spectators and players (of any skill level) are always welcome – if you would like to take part please confirm by email to Sam Burns [sam@recon-intl.com](mailto:sam@recon-intl.com)



RECONNAISSANCE

# HIGH SECURITY PRINTING™

EMEA

*"It was a very interesting conference with stunning novelties and nice presentations. I am looking forward to the next one."*

National Bank of Belgium

## Useful Information

### Registration

To be part of HSP EMEA 2026, go to [hsp-emea.com](http://hsp-emea.com) to book online or contact us directly.

### Fees

- **Standard: £ 3,300**

*Restricted to delegates from organisations that are incorporated and headquartered in Africa.*

### Discounts and Concessions

- **Regional Delegate: £ 1,200**

*Restricted to delegates from organisations that are incorporated and headquartered in Africa.*

- **State Enterprise Delegates: £ 1,200**

*Applies to 100% state-owned enterprises, such as printers and paper mills, based across the Europe, Middle-East and Africa – this excludes commercial state printers.*

- **Government Delegates (Issuing Authorities)**

- **First two delegates: attend for free**

- **Additional delegates: £ 1,200**

*Applies to government issuing authorities such as passport agencies, immigration authorities and central banks responsible for the issue of banknotes, passports, ID cards and documents, revenue stamps, health cards or vehicle registration documents etc, as well as customs, immigration and law enforcement agencies. It does not apply to state-owned production enterprises (who instead qualify for the state enterprise rate).*

### Pre-Conference Seminar Fees

Per seminar: **£ 750**

Both seminars: **£ 950**

Government delegates: **FREE**

### Travel and Accommodation

Delegates are responsible for arranging their own travel and accommodation. Details of special booking rates and how to make your hotel reservation can be found at [hsp-emea.com](http://hsp-emea.com)

### Venue

Explore Morocco vacation packages and offers at Four Seasons Hotel Rabat at Kasr Al Bahr and enjoy the best rates for our modern, luxurious rooms and suites, signature Four Seasons breakfasts and more.

### Here to Help

If you have any questions about the conference, contact the conference team:

**Samantha Burns**, Conference Director

**Weronika Komorowska**, Head of Conferences

Tel: +44 (0)1932 785 680

Email: [events@recon-intl.com](mailto:events@recon-intl.com)

### Other Information

- **Conference Language:** The conference will be conducted in English.

- **Your Conference Organiser:** The event is organised by Reconnaissance, the leading source of business intelligence for currency, identification, authentication, secure documents and holography.

- **Release:** The organisers accept no liability for personal injury or any loss of or damage to delegates' personal effects. We reserve the right to cancel, modify or postpone the event without prior notice and to refuse admission to any person (with payments refunded).

- **Terms and Conditions:** Visit [reconnaissance.net](http://reconnaissance.net) for full terms and conditions.