

# Mindshare 2019

## AGENDA DAY 1

TUESDAY, MAY 14<sup>TH</sup>

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| 09:00 | <b>Early Bird Tutorial on Post Quantum Cryptography</b> Klaus Schmeh, cryptovision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 10:00 | <b>Welcome Session</b> Marco Smeja, cryptovision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 10:45 | <i>Coffee Break</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|       | <b>ELECTRONIC ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>INTERNET of THINGS</b>                                                                                                                                                                                                                                                                                                                                    | <b>IT-SECURITY</b>                                                                             |
| 11:15 | <b>Mobile biometric verification using travel and identity documents</b><br>Yash Shah, Credence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Introducing the new BSI Cryptographic Service Provider (CSP)</b><br>– German language – Dominik Klein, Federal Office of Information Security                                                                                                                          | <b>Introducing the new GreenShield offering</b><br>Marco Smeja, cryptovision                   |
| 11:50 | <b>eID goes mobile: Introducing the OPTIMOS II project</b> Walter Landvogt, Bundesdruckerei                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>First preview of cryptovision's "Technische Sicherheitseinrichtung"</b> – German language – Benjamin Drisch, cryptovision                                                                                                                                              | <b>Protecting classified information with modern encryption</b><br>Kim Nguyen, Bundesdruckerei |
| 12:25 | <b>Smart ID Technologies in 21st Century Nigeria: Bridging the gap between physical and virtual credentials</b><br>Tunji Durodola, NIMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Technical Workshop: Secure Element API and TSE</b> – German language – cryptovision introduces their implementation of the Secure Element API and the Technische Sicherheitseinrichtung (TSE). A workshop for attendees interested in integrating this implementation  | <b>Managing secure identities in a company environment</b><br>Roland Zedies, IDpendant         |
| 13:00 | <i>Lunch</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 14:00 | <b>Securing Electronic Fiscal Memory Devices Panel</b> – German language –<br>The new German regulation on securing electronic fiscal memory devices against manipulation mandates every cash register to be equipped with a "Technical Security Equipment" (TSE) by beginning of 2020. This TSE shall sign every cash register transaction to reduce tax fraud. The corresponding technical requirements have been specified by the Federal Office for Information Security (BSI) in respective Common Criteria Protection Profiles and Technical Reference Guidelines. The core of this specification is the "Cryptographic Service Provider", a universal security module that can not only be used for cash registers but also for securing numerous other applications, for example mobile platforms, taxi meters, gambling machines, and smart meters. In this panel we would like to discuss – based on the earlier presentation by the BSI introducing the CSP concept – the various use cases and share the experience from implementing this concept in cash registers and other applications. |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|       | <b>Panelists:</b> Dominik Klein, Federal Office for Information Security (BSI); Matthias Robeck, Deutsche Fiskal; Nils Petersen, LaCash (DFKA); Matthias Kromphardt, Bundesdruckerei; Marcus Rosin, cryptovision <b>Host:</b> Benjamin Drisch, cryptovision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 14:45 | <b>Cyber Security Panel</b><br>In order to successfully achieve the transition from paper to digital while maintaining – or even increasing – the required security levels, the public sector needs to collaborate with technology providers to future proof and secure data across all levels. Cyber-attacks on email accounts and classified data has been on the rise: from patient records to high-value research from universities and even sensitive information shared by government officials – sensitive data needs to be protected. In this session, the experts will discuss the status quo in Germany and how it can be achieved that every organisation makes cyber-security a top priority.                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|       | <b>Speaker:</b> Olaf Götze, German Ministry of the Interior<br><b>Panelists:</b> Kim Nguyen, Bundesdruckerei; Arno Fidler, Nimbus Consulting; Adam Ross, cryptovision <b>Host:</b> Axel Vonderhagen, AIXecutive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 15:30 | <b>Automotive Panel</b><br>While the automotive industry rushes to develop vehicles with impressive IT features, it is essential that security is not seen as an added feature, but as a prerequisite. The growing number of Internet-connected devices and accessories in the connected car opens it up to new potential points of attack for cybercriminals. In this session we will discuss how modern encryption and embedded security can enable the development of a truly connected car to reach its full potential.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|       | <b>Speaker:</b> Matthias Pankert, Utimaco <b>Panelists:</b> Eduard Metzker, Vector Informatik; Benjamin Drisch, cryptovision <b>Host:</b> Carlos Serratos, Brightside                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 16:10 | <i>Coffee Break</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 17:00 | <b>Keynote: Coping with technology evolution: Challenges and solutions for cybersecurity</b><br>Steven Purser, EU Agency for cybersecurity (ENISA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| 17:30 | <b>End of Mindshare Day 1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|       | <b>Start of Cryptonite Party</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                |

# Mindshare 2019

## AGENDA DAY 2

WEDNESDAY, MAY 15<sup>TH</sup>

|       | ELECTRONIC ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | INTERNET of THINGS                                                                                      | IT-SECURITY                                                                                                         |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 10:00 | <b>The human blockchain</b><br>An interactive technology experience ! <i>Workshop hosts:</i> Basanta Thapa, Christian Welzel, Fraunhofer FOKUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                         |                                                                                                                     |
| 11:00 | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                         |                                                                                                                     |
| 11:30 | <b>Implementing national biometric systems – challenges and points to consider</b><br>Ksenia Egorova, X-Infotech                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>HSM as a key enabler for the cyber security of the connected car</b><br>Matthias Pankert, Utimaco    | <b>User authentication market trends – present and future</b><br>William Houry, Versasec                            |
| 12:00 | <b>eID and hardware Testing</b><br>Paul Faber, Judicial Information Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Protecting connected vehicles against cybersecurity attacks</b><br>Eduard Metzker, Vector Informatik | <b>High quality ID card printers for every budget, business and application</b><br>Michael Gordalla, Heyden SecurIT |
| 12:30 | <b>eID PPP in Ghana. How to be successful as a private partner</b><br>Moses Baiden, Margins Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                         | <b>PKI: multiple use cases – single point of management</b><br>Pavel Konyukhov, Indeed Identity                     |
| 13:00 | Lunch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                         |                                                                                                                     |
| 14:00 | <b>Panel: Electronic and digital driving license in Europe – Where are we heading?</b><br><br>Throughout Europe, driving licenses are mainly used for two purposes; proof of entitlement for driving and personal identification. While international standards for electronic international driving licenses are available, adoption of these types of eDL documents is very limited. However, many EU member states have digital driving license programs which are less standardized, but have more widespread adoption. In this panel discussion, three unique and different perspectives by an IC silicon manufacturer, a state printing agency, and a roadside verification agency will be shared, followed by a moderated discussion.<br><br><b>Speakers and Panelists:</b> Detlef Houdeau, Infineon Technologies; Stefan Vogel, Austrian State Printing House; Sebastian Berkhout, Dutch Department of Road Transport <b>Moderator:</b> Adam Ross, cryptovision |                                                                                                         |                                                                                                                     |
| 15:00 | <b>Saving the best for last and price raffle!</b><br>Adam Ross, cryptovision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                         |                                                                                                                     |
| 15:30 | End of Mindshare 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                         |                                                                                                                     |



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