

## **Linxens unveils Hint: the first security feature that helps governments detect tampered identity documents more effectively**

**December 2, 2025, Levallois-Perret (France)** – Linxens, global leader in component-based security and identity solutions today announces **the Hint**, a new solution designed to help border agencies and law-enforcement services detect easier **falsified or tampered identity documents**. **The Hint is the first feature on the market specifically developed to reveal attempts to damage the chip embedded in electronic identity documents.**

For several years, numerous studies conducted by international organizations have highlighted that national identity documents, such as passports, identity cards, and driving licenses, are prime targets for fraudsters seeking to falsify identities.

As a result, over the past two decades the ID industry has continuously introduced new security features into the physical document layers, typically made of secure paper or polycarbonate substrates. However, while the security of these physical layers continues to improve, the chip itself remains largely unprotected. Indeed, in countries that systematically analyse forged documents, nearly all counterfeit or fraudulent IDs show intentional chip damage; an emerging pattern driven by increasingly sophisticated criminal techniques.

### **How does Hint work?**

Embedded directly inside the inlay layer of a secure document, the feature detects magnetic, electrical or physical attempts to disable or alter the chip. This enables border officers and police forces to identify tampered documents faster and with higher precision, strengthening identity verification at airports, border crossings and administrative checkpoints.

The feature – unveiled on the opening day of Trustech 2025 tradeshow (Paris Expo – Porte de Versailles), can be integrated into any chip-enabled identity document, including electronic passports, national eID cards, residence permits and driver's licenses.

*“Chip-tampering is one of the biggest blind spots in identity security today. Almost every forged document we see in case studies shows deliberate damage to the chip, yet no existing feature was designed to reveal it,”* said **Jérôme Frou, Vice President of Linxens**

**Government.** *“Hint brings a level of protection the industry was missing. It gives border officers a clear, immediate signal when a document has been manipulated.”*

### **Linxens, an expert in secure identification for 40 years**

With more than 122 billion micro-connectors and 6 billion RFID antennas supplied globally, Linxens is a key industrial partner for secure identity programs in over 100 countries.

Linxens’ portfolio spans both **physical and digital security technologies**, including RFID inlays, secure data pages, polycarbonate windows, hinge features and high-security materials engineered for durability, traceability and fraud resistance.

All technologies are developed across seven R&D centers and manufactured in eight production sites in Europe and Asia, including high-security facilities in Thailand, Germany and Singapore, certified to EAL6, ISO 9001, and ISO 14001 standards.

### **About Linxens**

Linxens is a leader in the electronics industry, designing and manufacturing innovative components for major players in telecommunications, transportation, hospitality, leisure and entertainment, financial services, government, access control and connected healthcare. Linxens also develops complete solutions for IoT applications. Under the Linxens government brand, Linxens develops security features, from physical to digital solutions for identity documents. With 3,000 employees worldwide, 8 production facilities and 7 R&D centers in Europe and Asia, Linxens is positioned as a facilitator of innovation, opening the way for a better life.

### **Press contacts**

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