



## **Press Release**

Copenhagen, Denmark, March 7, 2024

### **Cryptera Leads the Way in ATM Security Through Advanced Cryptography Ahead of TR-31 Deadline**

- As the ATM industry moves through an era of significant digital transformation, Cryptera is solidifying its status as the global leader in the manufacture of OEM Encrypting PIN Pads (EPPs). With the TR-31 compliance deadline approaching on January 1, 2025, Cryptera is at the forefront, offering powerful solutions designed to meet and exceed the strict security standards required for ATM transactions.

Cryptera's range of cryptographic solutions is meticulously developed to address the complex challenges of ATM security. Our Encrypting PIN Pads utilize the most advanced cryptographic algorithms to ensure secure transaction processing, key management, and data integrity. As the ATM industry prepares for the TR-31 deadline, which mandates the use of Key Blocks for managing encrypted symmetric keys, Cryptera is ready to lead and support all stakeholders in this critical transition.

### **Advanced Cryptographic Solutions Tailored for the ATM Industry**

Cryptera's technical expertise is rooted in a comprehensive understanding of both symmetric and asymmetric cryptography. Our products are designed to enable secure data exchanges, employing encryption, decryption, hashing, signing, and verification processes to protect sensitive information from unauthorized access. By incorporating state-of-the-art True Random Number Generators (TRNGs) and adhering to the latest PCI standards, Cryptera ensures that cryptographic keys remain secure throughout their lifecycle.

### **Seamless Transition to TR-31 Compliance**

The move to TR-31 compliant Key Blocks represents a significant step forward in the security framework of ATMs. Cryptera's EPPs are developed to facilitate this transition, offering solutions that are not only compliant but also enhance the efficiency and reliability of ATM networks. Our expertise in Remote Key Loading (RKL) techniques, such as TR-34, certificate-based and signature-based methods, highlights our commitment to ensuring a smooth and secure key distribution process.

### **A Trusted Partner in ATM Security**

Cryptera's commitment to innovation, combined with our consistent focus on security, establishes us as the trusted partner for the ATM industry. As the TR-31 deadline approaches, Cryptera continues to empower our clients with the necessary tools and expertise to ensure compliance and protect their operations against the challenges of the digital age.

### **About Cryptera**

Cryptera is the global leader in the design and manufacture of OEM Encrypting PIN Pads (EPPs) for the ATM industry. With a history of pioneering cryptographic security solutions, Cryptera is dedicated to advancing ATM security through innovative technology and expert guidance. Our dedication to quality, innovation, and customer service has solidified our role as the preferred partner for secure unattended transactions worldwide.

For more information about Cryptera's solutions and how we can assist you in meeting the TR-31 compliance requirements, please visit [www.cryptera.com](http://www.cryptera.com) or contact: Stig Gudmundsen, Director Sales & Marketing, e-mail: [stig.gudmundsen@cryptera.com](mailto:stig.gudmundsen@cryptera.com)