

SafeNet Enterprise Data Protection delivers protection, trust, and confidence for the prepaid credit card and payment processing market



Customer Profile

- Tutuka is a premiere payment processor in South Africa, offering software solutions and processing for the prepaid card market

Business Challenges

- Comply with PCI DSS and EMV
- Integrate with Microsoft SQL database encryption
- Secure means of PIN generation, as well as PIN and CVV validation

Solution

- SafeNet DataSecure i116 platform
- SafeNet ProtectHost EFT Hardware Security Module

Tutuka, a payment processor in South Africa, provides software solutions for gift vouchers, gift cards, prepaid cash replacement, and loyalty programs. Tutuka's software allows organizations to use private label cards, MasterCard, barcodes, SMS, e-mail, and paper vouchers to reach their customer base. Through their core platform, these payment methods can be easily and securely issued, redeemed, tracked, and reported on through multiple channels, such as point-of-sale terminals, EFT switches, self-service kiosks, telephone, and the Web.

Business Challenge

With only ten percent of the population carrying credit cards, many South African citizens are turning to prepaid cards for convenience and to build up their credit ratings. These prepaid credit cards, carrying the MasterCard and Visa logos, must be compliant with both the Payment Card Industry Data Security Standard (PCI DSS) and the Europay MasterCard Visa standard (EMV).

Tutuka needed to encrypt the credit card data residing in their Microsoft SQL database in order to comply with PCI DSS. And since they handle the payment processing for small companies, Tutuka needed a secure form of PIN mailer generation to comply with EMV. In addition to these mandates, they also needed to identify a means for validating PINs and Card Verification Values (CVV) with upstream switches.

As a growing payment processor, Tutuka needed a solution that was:

- Comprehensive and flexible, allowing them to easily address other security needs and regulatory mandates as their organization grows
- Compatible with their existing infrastructure
- Easy to manage and use, and provided lower total cost of ownership

Solution

Tutuka was growing rapidly and needed to find a secure solution for database encryption and transaction processing. From an ease-of-management and compatibility perspective, they preferred to select a single vendor that could meet multiple requirements. Based on recommendations from a leading accessor, Tutuka selected SafeNet DataSecure i116 platform for their PCI DSS database encryption requirements and SafeNet ProtectHost EFT Hardware Security Module (HSM) for secure payment processing. Unlike solutions from Thales/nCipher, SafeNet offered multiple products that were compatible with Tutuka's Microsoft SQL database. SafeNet's solution also allowed implementation across multiple platforms, centralized management for lower administrative overhead costs, and room for future growth.

Testimonial

“SafeNet not only helped us meet our most challenging data protection and compliance needs, but they also provided us with a security foundation for future expansion. This allows us to maximize our security investments as data threats and compliance landscapes evolve.”

Shaun Hodgkiss
Technical
Director
Tutuka Software

Integrating both solutions into their infrastructure took less than six months due to the ease of deployment and intuitive integration guides—allowing Tutuka to provide their customers with secure transactions, meet the mandates quickly, and avoid fines and penalties for non-compliance. “By deploying SafeNet’s solution, we were able to meet the PCI and EMV mandates sooner than expected,” said Shaun Hodgkiss, technical director at Tutuka. “This solution also provided us with the flexibility to expand our infrastructure and service offerings as our business grows.”

Benefits

By selecting a single vendor to meet their multiple security requirements, Tutuka was able to substantially lower overhead costs associated with administration, system management, and maintenance. With SafeNet’s thorough understanding of their infrastructure and system needs, Tutuka was confident of reliable and responsive customer support and service.

SafeNet was able to provide Tutuka with an easy to deploy, out-of-the-box solution. They were able to install both the SafeNet DataSecure appliance and SafeNet ProtectHost EFT HSM themselves through the products intuitive management GUIs and installation guides.

Tutuka reduced the complexity of traditional key management by selecting a single, trusted vendor for their multiple platforms.

SafeNet Enterprise Data Protection

SafeNet is the only company to offer all of the necessary solutions required for truly comprehensive data protection throughout the enterprise. SafeNet’s complete line of EDP solutions includes database and application encryption, network encryption, key management systems, disk and file encryption, authentication tokens, and digital rights management. These products, when deployed as a solution, provide the most comprehensive and effective application, control, and management of data encryption, protecting across databases, applications, networks, and end point devices. For more information, visit www.safenet-inc.com.