

NAYAX

Nayax Security Process of credit card transaction

1. Credit card numbers (16 digits PAN) are stored in the Payment Server database (Hashed with SHA1 and Encrypted)
2. Payment server use AES-256 algorithm for the symmetric encryption key (EK)
3. Payment server use RSA-2048 algorithm for the asymmetric key - KEK (Key Encryption Key)
4. Payment server protects The Encryption Key (EK) by storing it encrypted with KEK
5. Payment server management website is secured with SSL3 a VeriSign trusted certificate

