



PlanetCyber



THE NEXTGEN VIRTUAL CREDIT CARD SECURITY SOLUTION

SECURITY FOR TODAY'S MOBILE APP TRANSACTIONS.

**SOLVES
SSL WEAKNESS**

**BANK GRADE
SECURITY**

**END TO END
SOLUTION**

**TRANSPARENT
TO END USER**

**COST
EFFECTIVE**

THE PROBLEM



The use of Secure Sockets Layer (SSL) in sensitive banking information and mobile banking app is today commonplace. However, SSL is only designed to protect data in transit between the mobile app client and the mobile app Server and is unable to protect sensitive customer details once they have arrived at the Server. PINs and payment card details are therefore left stored in plain text on the server and are a prime target for criminals.

Nextgen Virtual Credit Card Security Solution is hardware and software solution that provides end to end security for online transactions both standard user authentication(PIN) and Sensitive data transfer to client(Mobile App).Help banks to extend their services to their customers with highest security and compliance meet.

BENEFITS



End to End Encryption – Client to HSM and HSM to Client

- Encrypted PIN/Payment Card data is not decrypted on servers



Random AES data encryption key is encrypted by RSA KEK

- RSA key generated by HSM can be periodically refreshed



Hardened Security for PIN/ Payment Card data Verification and Crypto process

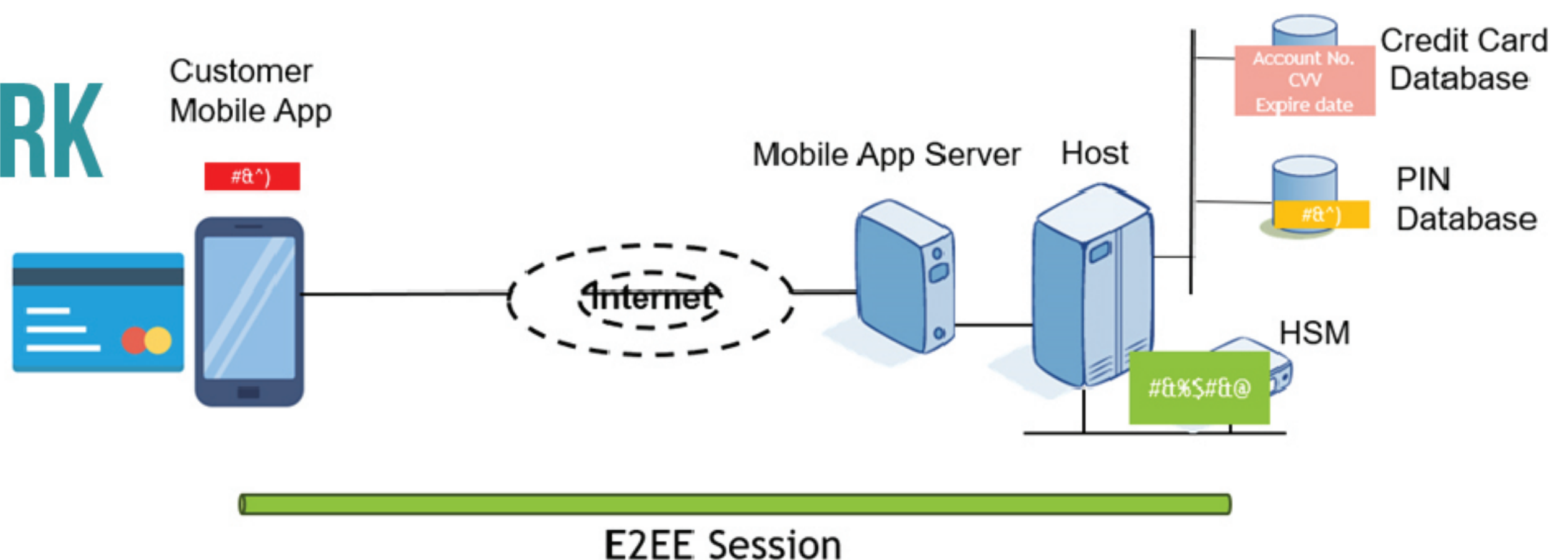
- Tamper resistant and evident hardware offloads authentication server for user verification



Meet Compliance

- End to End encryption
- FIPS 140-2 Level 3
- PCI HSM

HOW IT WORK



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