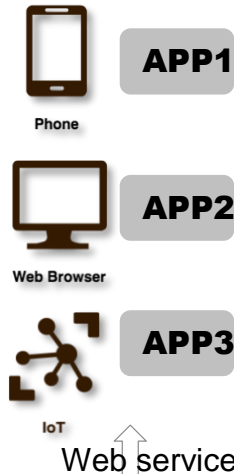


How to complete a secure and standard encryption authentication platform architecture

RKMS

- System Management
- Differentiate key usage rights according to business concern
- Centralized key management (production/separation/import)
- Transaction Key Lifecycle Management
- Support key synchronization
- Support various common HSMs in the market
- Provide HSM connection, usage status
- Provide statistics on the usage of each AP key
- Certification management
- Audit records
- Provide Web UI



RCSP encryption and decryption authentication server

RCSP encryption and decryption authentication server is a software centralized encryption and decryption service platform, which provides applications through the current market financial encryption service standard and authentication function

- E2EE Password Verification
- EMV authorization
- PIN management
- CVV/CVC verification
- Tokenization
- E2EE Password Verification for Bank Association
- Code signing/Data signing
- Data at rest encryption
- Hybrid encryption
- Integrity checking
- FIDO Validation Service

** The encryption service platform can add new function modules to meet the needs of various industries(optional)

Crypto Service Platform

RKMS Server

RCSP Server

RKMS DB

HSMs

HSM - Utimaco

HSM - Atalla

Security Manager

Application Manager

