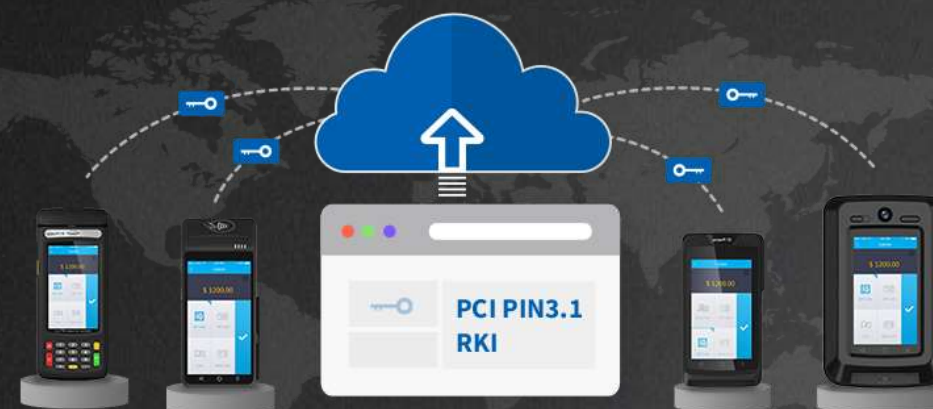# PCI PIN 3.1 Certified OTA Remote Key Injection Anywhere

The WizarPOS Remote Key Injection (RKI) solution turbocharges data encryption in a hassle-free and cost-effective manner.

PCI PIN3.1 RKI

Remote Key Injection is a process for the secure transfer of encryption keys between a payment terminal and a remote server. Compared to its on-premises counterpart, RKI prevents keys or data from interception or manual manipulation. It is also scalable when a distributor or service provider injects keys to unlimited POS terminals in different locations. In addition, RKI eliminates personnel training and certification costs.

Benefits of the WizarPOS Remote Key Injection

- Optimal security warranted by the PCI PIN 3.1 standard
- Streamlined ISO/ISV over-the-air (OTA) workflow
- Thousands terminals' key injection in seconds
- Minimize the labour cost for key injection
- Reduce the terminal maintenance time
- Independence of Key Injection Facility (KIF)

Features of the WizarPOS Remote Key Injection

- Applied to all WizarPOS devices and POS systems
- Mainstream key types supported
- Always up-to-date security patches
- Global partner network
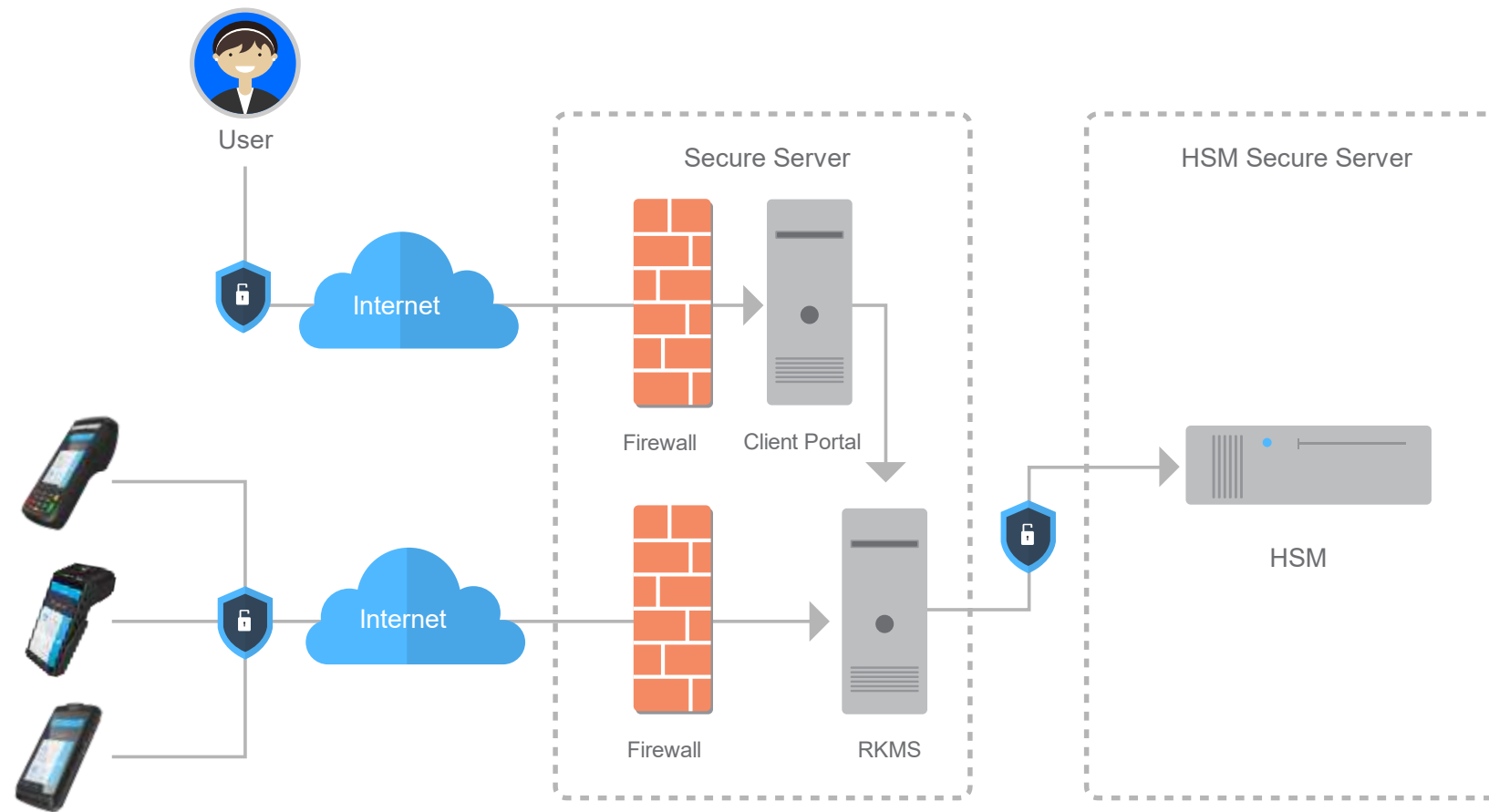
PCI PIN3.1 RKI

Remote Key Management System

- WizarPOS RKMS allows you remote key injection of your devices.
- WizarPOS RKMS is PCI PIN 3.1 approved.
- All devices and servers are connected in mutual authenticated secure channel.
- Support TR31 and TR34 key exchange block protocol.
- Support all major key types.
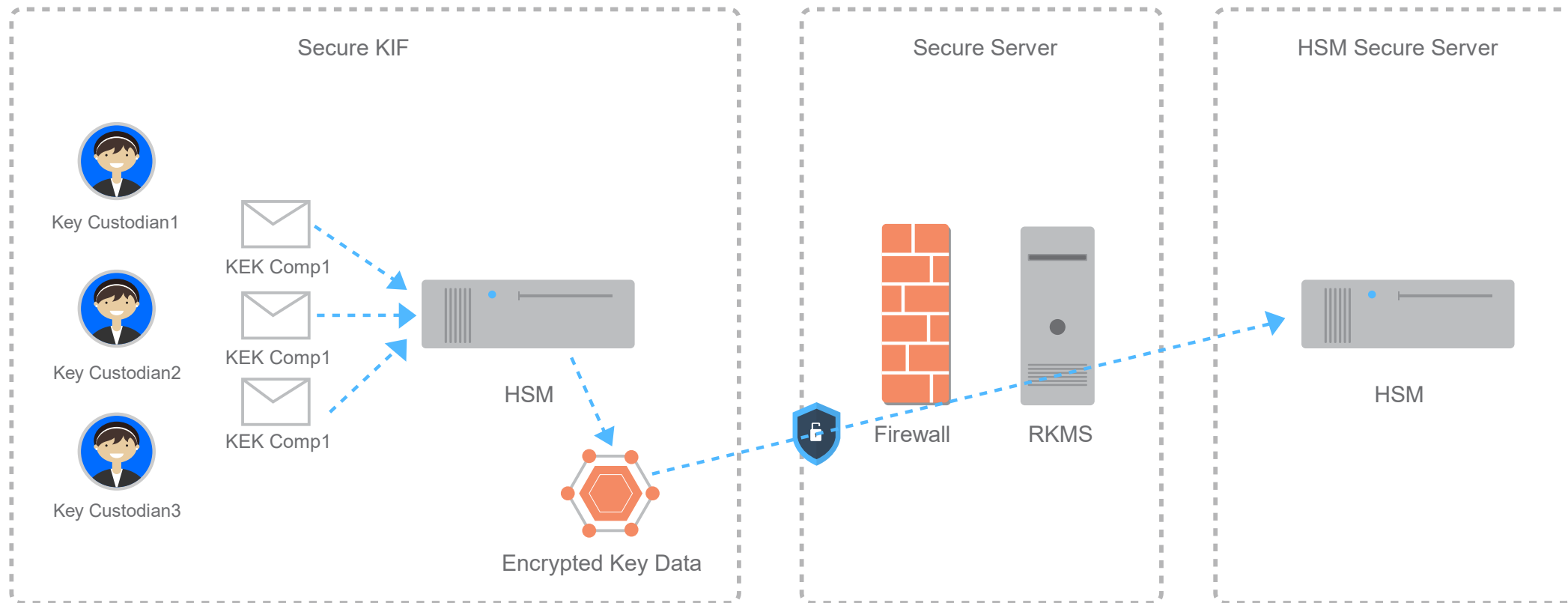
Key Injection

- Client exchange KEK to WizarPOS Key Custodians.

- WizarPOS Key Custodians make encrypted KEK data in Secure KIF room.

- WizarPOS Key admin upload key to RKMS.

- Client upload keys to RKMS by KEK protection.

- Client user login RKMS portal configure key and devices.