

POWERED SMART CARD WITH A BIOMETRIC ONE TIME PASSWORD SYSTEM

A full biometric authentication system with backend authentication server and ID management system

PARTNERS:

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COORDINATOR:

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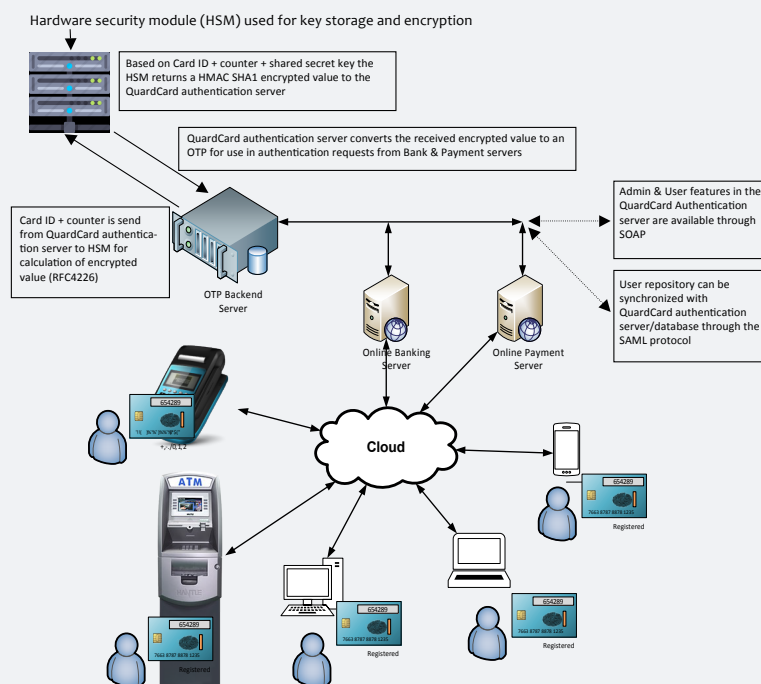
www.cardlab.com - www.quardlock.com



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QUARDCARD AUTHENTICATION SERVER SETUP



QUARDCARD PROJECT OUTCOME

TECHNICAL OUTCOME

- PSD 2 enabled card authentication system
- Full offline authentication for tokenized identity
- Diverse card powering platform from energy harvesting to rechargeable batteries
- Biometric authentication on all types of contact & contactless cards
- Cloud/ On site server based backend authentication.
- API generation for end user interface
- Updated card manufacturing process
- Improved biometric sensor embedding technology

PRODUCT OUTCOME

- Backend server authentication system
- Biometric card with energy harvesting for payments, ID and access control
- Biometric OTP card for secure E-Commerce, E-banking and E-Government
- Biometric connected card with host device for secure App authentication
- Biometric connected card capable of converting virtual to physical card
- Biometric "Cold Wallet" card for Crypto Currency platforms
- Biometric rechargeable battery card for high frequency and long life time usage