Why use the THETAKey T104

ThothTrust's THETAKey T104 provides a less powerful yet secure and affordable alternative to the T101.

Equipped with NFC, non-rechargeable batteries for utilizing the card in offline mode, an E-Ink display to enhance security and to view stored credits on the card without the need of a card reader.

Developing JavaCard applets utilizing these capabilities are accessible via the industry standard Oracle JavaCard technology.

Card Features:

• View E-Wallet funds on-demand without needing a card reader.

• Secure display of information on E-Ink screen (i.e. OTP codes).

• Lower development costs by building your applets in-house with the Open Source friendly API.

• Supports up to 10 JavaCard applets accessing the Open API.

Cryptographic Algorithms:
- AES
- DES
- RSA
- ECC (including SECP256K1)
- MD5, SHA1 & SHA2 (including HMAC)

Card Access and Interfaces:
- GlobalPlatform 2.2.1
- JavaCard 3.0.4
- JavaCard Shareable API interface
- APDU via ISO-7816/ISO-14443

Card Physical Characteristics:
- ISO-7810 ID-1 size
- ISO-14443 only
- 2.5 KB RAM and 170 KB Flash memory for multiple card applications
- E-Ink display for 8 or 6 whole numbers and 2 decimal places
- Physical buttons for power and scrolling of E-Wallet funds
- Non-rechargeable battery

Use Cases:
- Stored-Value card
- Banking, Transit and Loyalty
- Secure Email signing and encryption
- Cryptocurrency and Blockchain
- 2nd Factor Token (i.e. FIDO/WebAuthn)
- Government PIV and Windows Login

Security Certification:
- THD-89 security chip with CC EAL-6+ security certification

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Visit us at www.thothtrust.com
And contact us at sales@thothtrust.com for more information about our products and services.