



Why use the CodeWav NFC

ThothTrust's **CodeWav NFC** produces an NFC tag with similar size of a SIM card while providing the full range of security and capabilities of a full fledged Oracle JavaCard.

CodeWav NFC Features

- Very tiny form factor suitable for embedding into confined spaces and enclosures.
- An self-adhesive backing to allow attaching the CodeWav NFC tag onto different types of surfaces.
- Splash resistant NFC tag allow the tag to be exposed to rain and the weather.

CodeWav NFC Integration

Projects that have the CodeWav NFC integrated into their system.

TAGthenticate.

A Product Authentication solution that utilizes blockchain and CodeWav NFC.

Project Website:

- <https://www.tagthenticate.com>

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
- ISO-14443 Type A

Card Physical Characteristics:

- 25 x 15 x 1mm
- ISO-14443 only
- 2.5 KB RAM and 170 KB Flash memory for multiple card applications

Use Cases:

- Product Authentication
- I/IOT Device Secure Pairing, Access Control, Configuration and Low Volume Telemetry Data Collection
- Stored-Value, Banking, Transit and Loyalty cards
- 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