

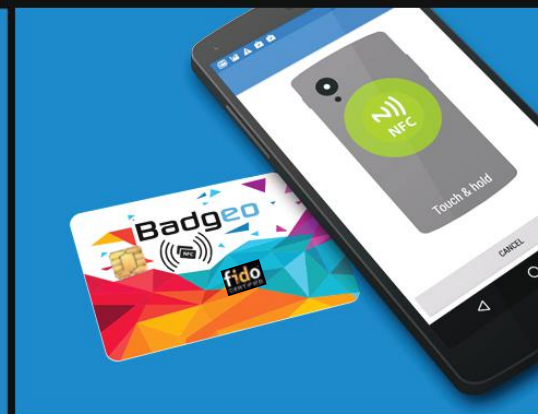


Badgeo FID02

FID02 & FIDO U2F dual card



Web/Cloud strong authentication solution



- 1 FID02 & FIDO U2F dual card**
 - Contact ISO 7816
 - Contactless ISO 14443
- 2 Credentials are generated inside a smart card component (EAL5+ Common Criteria certified)**
- 3 Easy to use and to deploy (No software installation required)**

Compatible with:



GitHub



WORDPRESS



Card features:

- Supported protocols:
 - Contact ISO/IEC 7816
 - Contactless ISO/IEC 14443 Type A, DESFire EV1, EV2
 - Contactless ISO 15693
- Full compatibility with Windows, Mac OS and Linux, Android and iOS
- Anti-Phishing protection (much more secure than SMS and OTP / TOTP solutions)
- Graphical personalization

FIDO2 features:

- Crypto-algorithm:
 - ECC P-256
- Options:
 - ClientPIN
 - PIN value length between 4 and 63 bytes
 - PIN try limit set to 8. After 8 unsuccessful tries, the card must be reset
 - No default value
 - rk (resident key)
 - Maximum number limited by available persistent memory (~256 bytes per credential)
- Extension:
 - hmac-secret
- Attestation models (personalization option):
 - Full basic attestation
 - Surrogate basic attestation

FIDO U2F features:

- No security failure in case of key or password theft (Authentication requires both of them)
- Second factor authentication fully compliant with google services through Chrome and Firefox browsers
- Extended compatibility (Salesforce, Office 365, etc.) through federation identity providers (Web SSO)
- Private key generation based on a secure smart card component (PKI / elliptic curves)

About FIDO:

The FIDO (Fast IDentity Online) Alliance includes a wide range of technology players (Google, Microsoft, Amazon, PayPal, Visa, MasterCard, etc.). This non-profit organization aims to specify and promote simple and interoperable PKI-based security architectures (Public Key Infrastructure) to enhance online authentication security.

FIDO2 is the overarching term for FIDO Alliance's newest set of specifications. FIDO2 enables users to leverage common devices to easily authenticate to online services in both mobile and desktop environments. FIDO2 is natively integrated into Microsoft Azur Active Directory (Azur AD) and Windows 10.

FIDO U2F uses a secure second factor to strengthen the username and password login process. FIDO U2F specifications became available in December 2014 and were immediately implemented by Google on its own authentication portal. Since then, FIDO support has been adopted by many online services (Dropbox, Github, etc.) and web SSO providers.

About NEOWAVE:

NEOWAVE is an innovative French company, created in 2007, specializing in strong authentication and secure transactions. NEOWAVE products combine the high level of security provided by smart cards with the advantages of connectivity and storage technologies: USB, RFID / NFC and Bluetooth Low Energy (BLE). NEOWAVE products and services address the cybersecurity, digital trust and identity management markets.

- Badgeo is guaranteed for two years



NEOWAVE

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