NEOWAVE

Badgeo QSCD

PKI contact smart card with middleware

CYBERSECURITY™ MADE IN EUROPE

NEOWAVE

Badgeo QSCD

eIDAS   CYBERSECURITY™ MADE IN EUROPE

Denis Martin

eIDAS

Computer access and data protection

Badgeo QSCD includes:

- ✓ ISO 7816 contact interface
- ✓ Smart card certified Common Criteria EAL6+
- ✓ eIDAS-certified PKI/QSCD applet
- ✓ Middleware SafeSign Identity Client

Badgeo QSCD products are compatible with the majority of of deployed business applications.

Supported operating systems and browsers

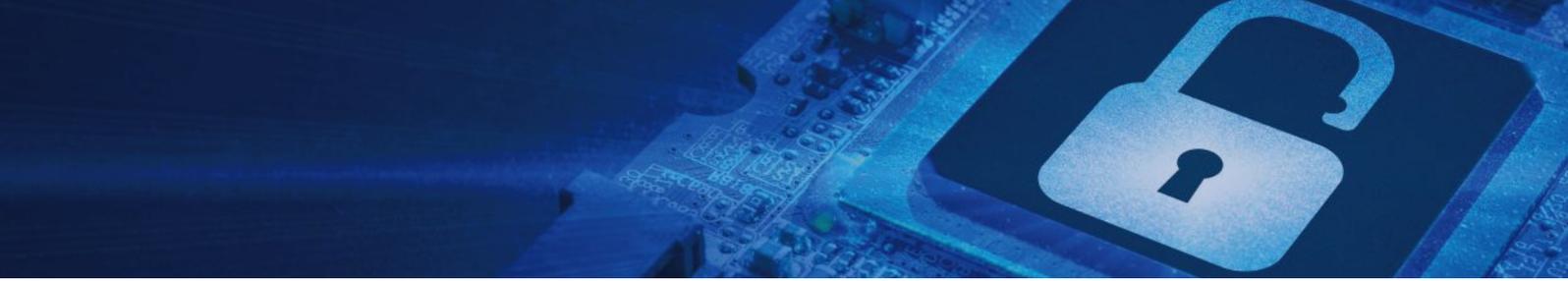- Windows, Mac OS, Linux, Chrome, Edge, Firefox, Safari

Smart card

- Java Card™
- CC EAL6+
- DES/3DES, AES, ECC, RSA
- Credential storage inside the smart card

Wide compatibility

Strong authentication, directories, PKI, SSO, VPN, encryption, digital signature

ACN — Alliance pour la confiance numérique   AKTANTIS   UGAP   fido ALLIANCE

Badgeo QSCD is a personal card designed to protect access to computer networks and mobile data. Badgeo QSCD uses strong authentication techniques using smart cards and constitutes a scalable solution that can host certificates for encryption, digital signatures and all related digital services.

Badgeo QSCD products are compatible with the majority of software and equipment deployed in companies, professional organizations and local authorities. Badgeo QSCD enables centralised management of all logical access rights.

The tools integrated into Windows and those of our partners interface with Badgeo QSCD products to enable:

- ✔ Certificate generation (PKI)
- ✔ Enrollment (Badgeo / User association)
- ✔ Temporary or permanent revocation of logical rights

Interface(s)

• Contact: ISO 7816

Smart card

• Java Card™ certified Common Criteria EAL6+

Supported Operating Systems

• Windows, Mac OS, Linux

Browsers

• Edge, Firefox, Chrome, Safari

Middleware

• CSP and PKCS11 : SafeSign Identity Client (CSP / KSP / PKCS#11)

QSCD features

• Crypto-algorithms:
  - RSA 2K (bits)
  - RSA 3K (3072 bits)
  - RSA 4K (4096 bits)
  - ECC NIST P-256 / SECG secp256r1 (256 bits)
  - ECC NIST P-384 / SECG secp384r1 (384 bits)
  - ECC NIST P-521 / SECG secp521r1 (521 bits)

• Options
  - PIN
    - PIN length between 5 and 15 bytes
    - PIN try limit set to 3
  - PUK
    - PUK length between 5 and 15 bytes
    - PUK try limit set to 3

Certifications & compatibility

• ISO 7816, USB Full Speed, PC/SC, CCID, CE, FCC, RoHS 2, REACH,

IT infrastructure compatibility

• Directories: Active Directory 2008/2012/2016/2019/2022, LDAP
• PKI: Microsoft, Evidian, CertEurope, Certinomis, CS, PrimeKey
• VPN: TheGreenBow, Microsoft, Cisco, Juniper, Checkpoint
• SSO: Ilex / Inetum, IBM, Evidian, Systancia, Oracle, Secure Systems
• Encryption: Prim'X, Sophos, Microsoft
• Card or Token Mgt System: Microsoft, Ilex / Inetum, Evidian EAM, iCMS, BlueX eID Management, Versasec

Dimensions and weight

• Length 85.6 mm / width 54 mm / height 0.76 mm
• Weight: 5 g

About NEOWAVE

NEOWAVE specializes in strong authentication and secure transactions. NEOWAVE's products combine the high level of security provided by smart cards with the advantages of storage and connectivity technologies USB, RFID / NFC and Bluetooth Low Energy (BLE).

NEOWAVE products and services address the cybersecurity, digital trust and identity management markets.