NEOWAVE

Winkeo2J-C QSCD-CDoc

USB-C PKI token with integrated smart card

CYBERSECURITY™
MADE IN EUROPE



eIDAS

Computer access and data protection

Winkeo2J-C QSCD-CDoc includes:

- USB-C PC/SC reader
- Smart card certified Common Criteria EAL6+
- eIDAS-certified ChipDoc PKI / QSCD Application + RGS**
- Idopte Middleware

Winkeo2J QSCD-CDoc products are compatible with the majority of of deployed business applications.

Supported operating systems and browsers

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

Integrated smart card (Micro SIM)

• 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

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Winkeo2J-C QSCD-CDoc is a secure USB-C token designed to protect access to IT networks, digital identities, and data including in mobile environments. Based on smart card strong authentication technologies, it provides a scalable solution for storing certificates used for encryption, electronic signatures, and a wide range of digital services. Integrating **an eIDAS QSCD-certified PKI applet with enhanced RGS** qualification**, it ensures a high level of security for protecting access and electronic documents.

Winkeo2J QSCD-CDoc products are compatible with the majority of software and equipment deployed in companies, professional organizations and local authorities. Winkeo2J-C QSCD-CDoc enables centralised management of all logical access rights.

The tools integrated into Windows and those of our partners interface with Winkeo2J-C QSCD-CDoc products to enable:

- Certificate generation (PKI)
- Enrollment (Winkeo2J/User association)
- Temporary or permanent revocation of logical rights

Interface(s)

• USB-C 2.0 PC/SC

Smart card

• Micro SIM: ISO 7816 Java Card™ certified Criteria Common EAL6+

Supported Operating Systems

• Windows, Mac OS, Linux, Android, iOS

Browsers

• Edge, Firefox, Chrome, Safari

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 & compatibilities

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

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 39.7mm / width 18 mm / height 8.25 mm
• Weight: 5 g

2 YEAR LIMITED WARRANTY CE FC RoHS

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.

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