

EVIDEN

Proteccio HSM

Secure your most sensitive data with Proteccio HSM, the only HSM with the French national cybersecurity agency's "enhanced qualification", available in PQC-ready for future-proof security.

Data protection for governments, companies and critical infrastructures.

Proteccio HSM manages all sensitive cryptographic operations of security applications (PKI, signature, eID, encryption, etc.).

Its 100% European architecture provides the most secure cryptographic implementations, based on over 20 years of research and developments in France, and subject to the strictest international certifications.

Already deployed in the most critical environments (operators of critical infrastructures, defense, energy, telecommunications), Proteccio HSM ensures that national agencies and companies have the reliability of state-of-the-art architecture and the robustness of a product designed to meet the strictest security requirements in the world.



Developments
for defense
manufacturers



Protection of
governments



Securization
of essential
operators

Characteristics

Algorithms

- Asymmetric encryption: RSA
- Symmetric encryption: AES 128 to 256, 3DES
- Electronic signature: RSA PSS, PKCS v1.5, ECDSA
- Post-quantum algorithms: ML-DSA, ML-KEM, SLH-DSA
- Hashing: MD5, SHA-1, SHA 256, SHA 384, SHA 512
- Elliptic curves: ANSI, Certicom, ANSSI, Brainpool.

Certifications



NATO SECRET



EU Restricted



ANSSI QR



CC EAL4+



eIDAS



SOG-IS



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