

EVIDEN

HSM Trustway Proteccio™

By the end of 2023, Trustway Proteccio™ - the only HSM with the French national cybersecurity agency 's "reinforced qualification" - will support post-quantum algorithms.

Data protection for governments, companies and critical infrastructures

Trustway Proteccio™ 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), Trustway Proteccio™ 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 by the end of 2023
- Hashing: MD5, SHA-1, SHA 256, SHA 384, SHA 512
- Supported named curves: ANSI, NIST, ANSSI and all curves up to 521 bits, including Brainpool curves.



Certifications



NATO SECRET



EU Restricted



ANSSI QR



CC EAL4+



eIDAS



SOG-IS



FIPS140 On-going

an atos business



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