Pack of 10 - IDPrime 930 smartcard

The IDPrime 930 card is a plug & play PKI smartcard that provides the necessary security services to implement a strong two-factor logical access and security infrastructure on Windows and other platforms. It is a contact interface smart card that supports the ISO 7816 standard, and is Common Criteria EAL6+ certified. This smartcard is FIPS 140-2 Level 2 compliant, a natural replacement for the Gemalto ID Prime MD 830 L2 or L3, with enhanced cryptographic support (including RSA up to 4096 bits and elliptic curve algorithms).

Fully compliant with the latest Microsoft minidriver specifications for use on Windows, without the need for additional middleware, the necessary driver will install automatically and for free, using plug-and-play.

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This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

IDPrime 930 smartcard

Technical Specifications

Memory: 400kB Flash, 78kB for certificates/applets/data in standard configuration

Cryptographic algorithms: SHA-1, SHA-256, SHA-384, SHA-512; RSA up to 4096 bits; RSA OAEP & RSA PSS; P-256 bits ECDSA, ECDH. P-384 & P-521bits ECDSA, ECDH; On-card asymmetric key pair generation (RSA up to 4096 bits and elliptic curves up to 521 bits); AES symmetric keys for secure messaging; 3DES symmetric keys for Microsoft challenge/response only.

PIN: Onboard PIN Policy, Multi-PIN support

Lifetime: Minimum 500,000 write/erase cycles

Data retention: Minimum 25 years

Communications: T=0 or T=1 protocol , PPS, with rates up to 446 kbps

Compliance / Certification

ISO 7816, Java Card 3.0.4, Global Platform 2.2.1, BaseCSP minidriver (SafeNet minidriver), CC EAL6+

FIPS140-2 Level 2 certified/compliant for the combination of the Java platform and the PKI applet.

Operating System support

Windows, Linux, Mac

Manufacturer's part number: O1151236 FIPS140-2 Level 2 certified or O1170984 FIPS140-2 Level 2 compliant

Country of origin: France

HSF code: 8523520000

Manufacturer: Thales

Connection Method: USB