



PRODUCT BRIEF

IDPrime 3811 Plug & Play Smart Cards

Gemalto, the world leader in digital security, offers an extensive portfolio of strong authentication solutions to help address the need for multi-factor authentication. Our PKI solutions offer the strongest security without compromising convenience or efficiency.

The IDPrime MD 3811 is a dual-interface smart card, based on a single chip, offering full PKI services either via a contact interface or via a contactless ISO14443 interface, also compatible with the NFC standard, already widely used by smartphones and tablets.

Convenient converged badge for logical and physical access

Many organization have a need to logical and physical access. The IDPrime MD 3811 allow for both PAC (physical access controls) and LAC (logical access controls) in a single credential. IDPrime MD 3811 are set with either Mifare® Classic and/or DESFire EV1® emulation, to allow for PAC and perfect for an enterprise converged badge solution.

IDPrime MD 3811 is based on the advanced Gemalto IDCore 30 platform, and integrates seamlessly with third-party applications through SafeNet Authentication development tools, supports SafeNet PKI and password management applications and software development tools, and allows customization of applications and extension of functionality through on-board Java applets. It is also supported by SafeNet Authentication Manager, which reduces IT overhead by streamlining all authentication operations, including deployment, provisioning, enrollment, and ongoing maintenance, as well as offering support for lost tokens.

Strong Security

The IDPrime MD 3811 smart cards implement the most advanced security countermeasures for enforcing protection of all sensitive data and functions in the card.

IDPrime MD smart cards are secured with both RSA and elliptic curves algorithms, and address a range of use cases that require PKI security, including secure access, email encryption, secure data storage, digital signatures and secure online transactions for end users.

Benefits

- > Perfect integration in Windows environment—Certified and distributed by Microsoft, the IDPrime MD minidriver ensures immediate integration with all Microsoft environments, plus Plug & Play service up to Windows 10. Secure chip EEPROM capacities of 80 KB
- > Centralized management control—IDPrime MD 3811 is fully supported by SafeNet Authentication Manager, which reduces IT overhead by streamlining all authentication operations, including deployment, for provisioning, enrollment, and ongoing maintenance, as well as offering support lost tokens.
- > NFC Compliant—IDPrime MD 3811 smart cards are compliant to ISO14443 / NFC, and offer both an ISO7816 contact interface and an ISO14443 contactless interface, also compatible with the NFC standard already widely used by smartphones and tablets.
- > Compatible with any environment—Fully supported by the IDGo 800 suite on Windows, MAC, Linux, Android, iOS.

Why Gemalto

IDPrime MD 3811 is part of a large range of Gemalto IDPrime smart cards and benefits from Gemalto's extensive experience with minidriver enabled smart cards. Gemalto's Identity Protection solutions enable enterprises, financial organizations and service providers to protect the daily digital interactions of employees, partners and customers by ensuring secure access to online resources and securing financial transactions. Gemalto's flexible management platforms and broad range of strong authentication technologies and form factors, allow organizations to adopt a forward-looking identity management strategy, ensuring that their security needs are met as new threats and use cases evolve.

To learn more about Gemalto's complete portfolio of authentication solutions, visit our website at: www.gemalto.com/identity.

Product Characteristics	
Memory	IDPrime MD memory allows the storage of up to 15 RSA or Elliptic curve key containers
Standards	BaseCSP Minidriver v7 (IDGo 800 Minidriver) PKCS#11 v2.20 (IDGo 800 libraries)
Operating systems	Windows, MAC, Linux, Android, iOS
Communication protocols	T=0, T=1, PPS, with baud up to 230 Kbps T=CL type A, T=CL, compatible to NFC standard, with speed up to 848 Kbps
Other features	Onboard PIN Policy Multi-PIN support (including a dedicated IDGo 800 Credential Provider) IDPrime family of cards can be customized (card body and programming) to fit customers' needs.
Gemalto Applets (optional)	
MPCOS	E-purse & secure data management application
Physical Access Control options	
Mifare® Classic	4K
DESFire EV1 ®	4K or 8K
Chip characteristics	
Technology	Embedded crypto engine for symmetric and asymmetric cryptography
Lifetime	> Minimum 500,000 write/erase cycles > Data retention for minimum 25 years
Certification	CC EAL5+
Security	
The IDPrime MD smart cards include multiple hardware and software countermeasures against various attacks: side channel attacks, invasive attacks, advanced fault attacks and other types of attacks.	

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