



we establish trust.

One Card fits it all.

# egofy CARD

YOUR COMPREHENSIVE KEY  
TO DRIVE THE DIGITAL TRANSFORMATION.

The egofy CARD is a smart card that can be used for a wide range of applications. From Plug'n'Play PKI support for securing the corporate IT, the support of legally binding signatures to NFC, payment, and physical access, the egofy CARD makes it easy to tackle numerous challenges in data integrity and process reliability.

## ENTERPRISE GRADE PKI SUPPORT

There are many smart cards with mini-driver support, but egofy offers the full range of functions including extensions. This makes it easy to implement extensive PIN policies such as the PIN expiry required by SWIFT.

## MULTI-RFID

The common RFID standards MIFARE Classic and LEGIC Prime are no longer considered sufficiently secure. The switch to MIFARE DESFire or LEGIC Advant is often associated with enormous costs due to the need to replace the readers. The egofy CARD supports MIFARE Classic, MIFARE DESFire, LEGIC Prime, and LEGIC Advant. The reader can be replaced according to security priority.

## KEY COMPONENT OF THE egofy FAMILY

Smart cards have numerous advantages, but they are not suitable for all areas of application. The egofy CARD perfectly complements the CRYPTAS "fully-managed" virtual smart card solution "egofy Virtual" and the central "egofy Remote" and is thus perfectly equipped for numerous areas of application.

## HIGH STANDARDIZATION, BUT STILL FLEXIBLE

Certified solutions often have the problem that any change leads to the loss of the certification. egofy, on the other hand, even allows customer-specific applets on the card. The introduction of the smart card as an efficient and highly secure option for

strong authentication has so far posed challenges for companies and organizations. For example, classic smart card readers are not available for use in mobile applications. Also, while numerous partial solutions are offered for various application areas, complete smart card solutions such as, e.g., comprehensive card platforms are lacking.

## OUR SOLUTION

egofy is based on the newest and most efficient dual-interface chip platform from NXP and enables diverse card applications to take place in parallel and independently from one another. The concept is comparable to virtual solutions in IT. The uncompromising implementation of security standards achieves the highest level of security, which is essential for legally binding eIDAS procedures. egofy delivers "out of the box" and Plug'n'Play the integration of smart card solutions for common areas of applications.

## BENEFITS

- Five-in-One: high user comfort and reduced management effort
- No additional license costs for local middleware
- Easy to personalize, highly scalable and versatile
- Integrates with leading management systems and encryption solutions
- Investment security through absolute standard conformity
- Available in various form factors
- Microsoft Windows 7-10 Plug'n'Play Support + Linux + Mac Middleware
- Support of legally binding digital signatures and identities (eIDAS)
- OTP fallback for easy authentication

PUBLIC

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- Multi-RFID support in one card (LEGIC Prime + Advant + MIFARE)
- Top performance through the use of the latest chip generation
- Highest certified security with broad cryptography support
- Broad support by management systems, HDD encryption providers, thin clients, etc.

#### MULTIFUNCTIONAL COMPANY ID

egofy is not just a simple, highly secure, and efficient way to replace passwords with two-factor authentication, the egofy CARD can also be used as a universal master key for physical access and master identity to make additional virtual tokens secure.

#### SUITABLE FOR SMARTPHONES AND TABLETS

egofy offers NFC-compliant dual-interface technology. The egofy CARD can thus be used not only with classic smart card readers but also with NFC-enabled mobile devices.

#### REPLACEMENT OF STANDARD AND EXPENSIVE OTP TOKENS (SUCH AS RSA)

egofy offers PIN-protected one-time passwords (OTP), thus reaching a two-factor authentication level. Due to a reduced need for communication, the egofy CARD is also perfect in combination with BLE and NFC, but can also be used with standard OTP readers.

#### IDENTITY FEDERATION AND SSCD / eIDAS COMPLIANT DIGITAL SIGNATURES

As fields of application are becoming increasingly cross-organizational, it is essential to have a common foundation of trust. The dual PKI concept allows two completely separate security domains. Thus, a trust center can use its own security domain within a certified framework alongside the company's own Plug'n'Play PKI.

#### UNMANAGED ENVIRONMENTS

egofy is fully Plug'n'Play capable in the classic operating mode on the PC (Win7+) and can be used on mobile devices via NFC (PKI + OTP) via App and is supported by the CAVE clientless middleware.

PUBLIC

#### FEATURES

- Dual-interface card with Dual PKI, OTP, NFC, and RFID emulation
- Microsoft Plug'n'Play Minidriver and Middleware incl. PKCS # 11 also for Linux and Mac
- Biometric Match-On-Card (optional)
- EMV-CAP OTP, Mastercard M/Chip Lite 2.1 (optional)
- Common Criteria EAL 5+ certified (SSCD BSI-CC-PP-0059-2009-MA-01 + BSI-CC-PP-0075-2012), Chip: EAL 6+
- CEN/TS 15480 – European Citizen Card
- PREN 14890-1,2
- Java Card v3.0.4 Classic
- GlobalPlatform v2.2.1
- ISO/IEC 7816-4
- T=1 (223.2 kbps) and ISO 14443A (up to 848 kbps)
- DES/3DES, AES (up to 256 Bit), RSA (up to 4096 Bit), ECC FP (NIST and Brainpool up to 521 Bit) and SHA (up to 512 Bit)
- True-RNG (AIS31 PTG.3)
- MIFARE Plus/Classic and MIFARE DESFire EV1