



StarSign® FIDO Authentication Solutions

StarSign FIDO – Scalable solutions for different security needs

Enterprises continue to evolve business processes and transactions to online, cloud, and mobile services, but are constantly sacrificing fast and easy access for robust authentication security. Solutions based on G+D's StarSign FIDO turn that around and make online security a simpler and better user experience while providing stronger security and reducing risks for the enterprise. FIDO Authentication enables password-only logins to be replaced with secure and fast logins across websites and apps. Our StarSign FIDO solution offers a wide variety of options that can be tailored to your specific needs. It is highly scalable and offers many different authenticator form factors that can be individually combined in a turnkey FIDO solution to suit your specific needs. Additionally supporting a unique set of innovative user verification methods for quick, frictionless, and secure online authentications based on various software and hardware authenticators, the StarSign FIDO portfolio is one of the most powerful and flexible FIDO product lines on the market. They are all easy to implement and, once integrated into your environment, provide you with enormous benefits in terms of cost-efficiency by reducing support costs and improving user experience based on highly stringent security.

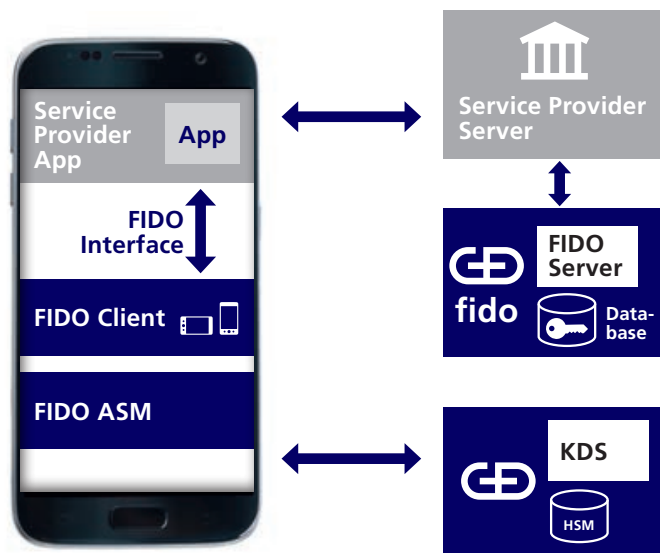
StarSign FIDO Authentication Server

The StarSign FIDO Authentication Server enables seamless and frictionless authentication with FIDO UAF, FIDO2, and FIDO U2F. Employees, customers, and end users get compliant, secure, and convenient access to their digital systems and services. Both desktop as well as mobile environments are very well supported with a choice of various authentication factors, including hardware tokens, software solutions, and biometrics. The StarSign FIDO Authentication Server's key to success is its combination of convenience, security, compliance, and flexibility. As an interoperable solution based on open industry standards set forth by the FIDO Alliance, the StarSign FIDO Authentication Server is future-proof and offers security of investment. It is fully PSD2 compliant and Common Criteria certified and does not require a PKI or complex infrastructure.

FEATURES:

- Multifactor authentication server covering both enterprise and consumer-focused use cases
- Allows convenient and secure user verification based on biometrics on mobile devices or with FIDO-enabled hardware devices, e.g. the G+D StarSign FIDO Card or G+D StarSign FIDO Key Fob
- Complementary client SDKs for the mobile platforms Android and iOS that allow easy and secure integration into your mobile applications including biometric modalities such as fingerprint, iris, voice, and face with liveness detection

- Supported authentication protocols: FIDO UAF, FIDO U2F 1.2, FIDO2
- Straightforward integration into your existing back-end environment via REST API and SAML2, and can be hosted on any environment supporting Java EE
- Does not require any PKI or complex infrastructure
- With its multi-tenancy support, it is largely scalable and can be deployed in HA redundant clusters
- PSD2 compliant and Common Criteria certified
- Optional risk-based authentication supporting behavioral analysis (swiping, typing), context analysis (location, network), device analysis (device fingerprint/parameters), and definitions of policies
- Quick installation and integration into existing enterprise environments
- Professional support, maintenance, and training services



StarSign FIDO Authenticators

G+D offers the broadest range of FIDO Authenticators that range from purely software-based to a wide selection of hardware authenticators based on smart card chip technology including the G+D StarSign FIDO Card and the StarSign FIDO Key Fob.

StarSign FIDO Software Authenticator

The StarSign FIDO SW Authenticator is FIDO UAF certified and can be easily integrated into Android and iOS applications. It also allows users to use their mobile device for convenient and secure user verification based on biometrics. It is purely based on software and does not require any additional hardware. Key generation, storage, and usage are based on G+D's TAK solution, the most stringent software security tool kit on the market today.

FEATURES:

- Seamless and frictionless authentication with FIDO UAF
- Client SDKs for the mobile platforms Android and iOS that allow easy and secure integration into your mobile applications, including biometric modalities such as fingerprint, iris, voice, and face with liveness detection
- Purely based on software, no hardware required
- HSM-based key generation and key rotation
- Code obfuscation and secure storage based on white box cryptography

StarSign FIDO Card

G+D's StarSign FIDO Card supports FIDO U2F and FIDO2 in a unique hybrid mode that allows plug&play use on any FIDO U2F and FIDO2-enabled operating system and Internet browser without the need of special drivers, e.g. for Windows logon on Windows 10 or webpage login via the Internet browsers Microsoft Edge or Google Chrome. The user verification can be optionally performed via a card PIN that can be individually defined by the card holder.

The StarSign FIDO Card is a dual interface card that allows contact-based and contactless FIDO transactions and can be easily combined with other applications such as physical access control.

FEATURES:

- Seamless and frictionless authentication with FIDO U2F and FIDO2
- Convenient and secure user verification based on card PIN
- Plug&play with Windows 10 systems
- Works with any FIDO U2F and FIDO2 server and enabled browser
- Supports a dual interface for contactless (NFC) and contact-based (card reader) transactions
- Can be optionally combined with physical access control

StarSign FIDO Key Fob

G+D's StarSign Key Fob is a hardware token device with a stylish round shape and coin-like dimensions that supports FIDO U2F and FIDO2 in a unique hybrid mode that allows plug&play use on any FIDO U2F and FIDO2-enabled operating system and Internet browser without the need of special drivers, e.g. for Windows logon on Windows 10 or webpage login via the Internet browsers Microsoft Edge or Google Chrome. The user verification is performed via an integrated biometrics sensor that supports enrolment of up to 20 fingers and quick authentications by simply touching the sensor surface. The StarSign FIDO Key Fob supports USB, BLE, and NFC-based FIDO transactions and can be easily combined with other applications such as physical access control.

FEATURES:

- Seamless and frictionless authentication with FIDO U2F and FIDO2
- Convenient, fast, and secure user verification based on biometrics sensor
- Plug&play with Windows 10 systems
- Works with any FIDO U2F and FIDO2 server and enabled browser
- Supports USB (type C), BLE, and NFC
- Rechargeable battery
- Can be optionally combined with physical access control

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