

Giritech's G/On 5 – an innovative solution for secure remote application access based on G&D's StarSign® Mobility Token

GIRITECH®

G/On 5 is an entirely new, significantly more powerful generation of Giritech's G/On product line for secure remote application access. With G/On 5, users can securely access and work with the tools and computer applications they need using their own Windows, Mac, or Linux operating system.

The new G/On 5 remote access solution features strong two-factor user authentication enabled by Giesecke & Devrient's new smart card based StarSign® Mobility Token product line. Adding G/On remote access software to the tokens provides users with unprecedented levels of flexibility and mobility.

G/On benefits at a glance

- **Cost savings!**

Many businesses are reluctant to let their employees work from home because of the costs, complexity, and security risks this may involve. The innovative G/On solution considerably reduces costs and makes it affordable for businesses to offer secure remote access for all employees.

- **Easy & efficient!**

G/On offers a single point of management integrated with an existing user directory (such as Microsoft Active Directory) for user administration, security policies and applications access. G/On lets you focus on business productivity rather than technology issues.

- **Top-level security!**

G/On's smart card based two-factor user authentication and 256-bit AES data encryption offers you the highest level of security. Instead of physically connecting the remote PC to company networks, G/On gives users access to specific applications defined by the IT administrator. The user also has the option of booting the remote PC from the G/On USB token and loading a locked-down Linux operating system.

- **Extreme flexibility!**

The G/On USB token solution enables users to access specific applications from any PC with a USB port and Internet access. Users can work from home using their own PC and they can take their G/On USB token along with them when they travel.

- **Lower energy consumption!**

G/On lets you reduce the amount of CO2 you and your company generate. Employees can work from home by connecting to their PC in the office. Wake-on-LAN ensures the office PC can "sleep" when idle and the company can avoid the cost and energy required to run a remote access server farm 24x7.

G/On 5 is a fully integrated solution for managing security, connectivity, users, devices, and applications. In a single, simplified product, G/On 5 delivers two-factor authentication, authorization, FIPS 140-2 encrypted data confidentiality, integrity, and virtual connectivity – innovatively different from traditional VPNs and SSL-VPNs. Together with its single point of management, G/On 5 offers dramatic cost savings when it comes to establishing, managing, supporting, and auditing secure access for all employees, external contractors, and business partners.

G/On 5 runs on a new software platform developed on the basis industry standards with leading-edge software tools and technologies, thus ensuring that the needs and challenges of today and tomorrow can be met. The platform is based on an open architecture with well-defined interfaces and plug-ins, allowing continuous integration of new technologies and functionality.

The smart card technology is provided by Giesecke & Devrient (G&D). G&D and Giritech have worked together closely to ensure that this new generation of secure authentication, memory, and encryption devices supports the functionality of G/On. Although G/On 5's plug-in architecture can support various kinds of tokens, G/On 5 was developed specifically to support G&D's series of smart card based tokens called G&D StarSign® Mobility Tokens. □

G/On offers the following authentication tokens and devices:



G/On USB SafeSmart

is based on Giesecke & Devrient StarSign® Mobility Token Classic



G/On USB MicroSmart

is based on Giesecke & Devrient StarSign® Mobility Token µSD.



G/On MicroSmart

is based on Giesecke & Devrient StarSign® Mobile Security Card.



G/On USB MultiSmart

is based on Giesecke & Devrient StarSign® Mobility Token ID1.



e-nettet

At e-nettet, G/On is used to simplify the IT infrastructure significantly.

Senior Consultant with e-nettet Carsten Gerner states that:

"At first I was skeptical of the idea of Terminal Services and G/On as the only infrastructure. But I have to admit that the solution works excellently and is an important requisite to the flexibility we offer our employees. Furthermore G/On gives us the possibility to connect external contractors to our systems without it being a time consuming IT-challenge".

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