

G/On™ for RDP – Remote Desktop Protocol

Mobility, two-factor authentication, encryption, and virtual access to Terminal Server farms and office PC desktop.

Microsoft Terminal Server is a very popular multi-user computing and virtualization platform used by numerous organizations mostly to provide employees remote access to a desktop with corporate applications. However, achieving real security for mobile and remote users for Terminal Server access is often both complex and expensive. Security is traditionally implemented via IPsec VPN in combination with additional products for 2-factor authentication, end-point scanning, network access control, and traffic inspection along with a DMZ infrastructure deploying numerous products from multiple vendors.

Why use G/On with Microsoft Terminal Server?

Rather than dealing with multiple different products for securing the access, G/On offers all the benefits of a single integrated solution:

Users like G/On:

G/On leaves little or no room for user mistakes and is the key to company IT:

- G/On works on Windows, Mac, Linux, and iPad/iPhone.
- Users do not need to install and configure any components on their PC. All software is already available on their G/On Token. The iPad/iPhone uses the Apple App Store and iTunes for the initial configuration.
- Users do not need to remember and enter a URL or an IP address for their server. They launch G/On directly from their G/On Token or from their PC, iPad, and iPhone and G/On sets up the secured connection.
- Only a single sign-on is required. G/On handles the login to Terminal Server.
- The user gets a G/On menu and can select access to an entire desktop on the Terminal Server or access directly to individual applications.
- In addition, G/On offers optional convenience and increased productivity through auto-launched applications without additional login's. For instance, after the G/On login, the user immediately sees hers or his e-mails.



The G/On USB Authentication Token elegantly integrates the RDP client providing a no-install secure mobile RDP solution.

Corporate IT likes G/On

- Very easy installation, configuration and management – with no need for additional overhead products like separate certificate- and authentication solutions. And the G/On server software runs on both physical and virtual servers.
- G/On includes two-factor user authentication and secure encrypted connectivity
- G/On's smart card based authentication Tokens do not expire and they also serve as a memory device that holds the G/On client software.
- As an alternative to a physical token, G/On offers the option of using the user's PC, iPad and iPhone as authentication tokens. This saves cost and handling of separate tokens.
- No need for any additional overhead load balancers and tools - helps reduce cost.
- 256 bit AES encryption for all communication and the G/On Server will only accept connections from authenticated tokens and users.
- G/On for RDP supports Terminal Server farms, TS 2008 Remote apps, TS 2008 Connection Broker and redirection messages.
- G/On incorporates RDP protocol/package inspection for added protection against attacks on Terminal Server. It also supports numerous configuration options like print, drive mapping, and copy/paste to prevent – or allow – users to exchange data between the servers and their device.
- Access from an iPad or iPhone is secured by the G/On Client for iOS available on the Apple App Store. Also available on the App Store are RDP clients for iOS that are separately installed and configured to use G/On for connectivity. Read more on www.giritech.com to see a list of RDP clients for iOS that has been tested with G/On.

G/On reduces the cost of securing Terminal Server

As a single integrated security solution, G/On provides the security required to access Terminal Server from thin clients and from any Windows, Mac, Linux PC as well as iPad and iPhone.

“Bring Your Own PC” – and save cost

As opposed to a VPN, G/On's virtual - by proxy - connectivity architecture offers an effective isolation between the user PC device and the company network. This means that the user device is never connected directly to your company network and it means that G/On removes the burden on corporate IT to manage the devices of all employees and enables users to work on a device of their own choice.

Full mobility and flexibility

The G/On Token combines user authentication token and the Remote Desktop client and the user can use any PC with Internet access and a USB port without the need for the user to install any software. G/On also automatically takes care of establishing the connection to your company. No need to remember browser URLs – just plug in the G/On USB Token and you are connected. On the iPad and iPhone, you simply tap the G/On app icon.

Also from company PCs and home PC's.

The G/On Client can be installed directly on company PC's and use the PC as an authentication token. That provides a convenient and secure environment for Terminal Server access from company laptops and office desktops. Some organizations will also take advantage of this option to allow employees to install G/On on their home PC to enable employees with very convenient access to company applications from home.

Looking for a managed environment?

In addition to G/On's virtual connectivity architecture, G/On also offers the optional G/On “OS” where the G/On USB Token comes with a bootable locked down and secured Linux operation system. G/On OS boots

the PC from the G/On USB Token and provides an environment that is 100% isolated from storage devices on the user PC and connects only to the company's G/On Server. The G/On OS is managed centrally by the company and is a cost effective, and much simpler and more inexpensive alternative to managed laptops with a VPN.

Thin clients without an OS

G/On OS can be used on any device that can boot from a USB stick. That means there is no need for hard disk and there is no need for an operating system. As only BIOS is required, there is no need for thin client management tools and the need for software licenses is reduced to a minimum.

Read more about G/On OS on Giritech's web site, www.giritech.com.

G/On goes beyond RDP

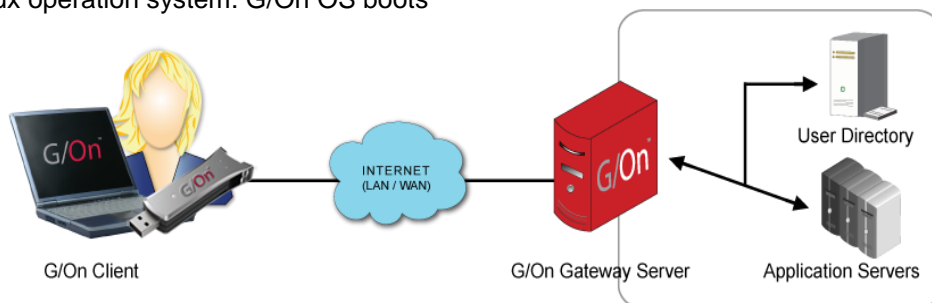
Most companies are not just using one tool for enabling access to applications. In addition to Terminal Server access, many organizations need access to Intranets and portals and they may have a need to enable “fat” clients running on the user PC connecting to the corresponding application server. Some also use Citrix servers for certain applications and many G/On customers also offer their users remote access to their office PC or virtual desktops.

In a single integrated solution, G/On offers the convenience to secure all connectivity needs and users have a simple menu of applications and need not worry about how the applications are enabled.

Join the many G/On users from around the world

Existing G/On customers include businesses of all sizes, consulting practices, law firms, financial institutions, municipalities, and local and federal government ministries and agencies as well as national security organizations.

References are available upon request.



the **right access** • for the **right people** • to the **right applications** • under the **right circumstances**