FACT SHEET

Securely and cost-effectively

Extend client/server applications

to everyone in your business ecosystem

Business Benefits

- Increase value and lifetime of client/server applications by enabling more people to access them securely “anywhere, anytime”
- Reduce costs by scaling back on traditional security solutions e.g. VPNs and secure tokens.
- Enhance business collaboration by extending application connectivity to external partners and vendors

Technical Advantages

- Unique combination of advanced security features - including 2-factor authentication, AES encryption and a virtual connection – in one integrated product.
- Full control over every aspect of every connection from the back end, via a GUI tool, that can be enabled for use by both hotline and administrator.
- Lets users connect securely to multiple applications via TCP/UDP, either via a G/On client on their own PC or a G/On USB key
- G/On client is easy to use and can’t be modified, minimizing service costs
- Server initiated update of the client, using the G/ Update tool
- Only one port in your firewall needs to be opened
- Small resource optimized server that doesn’t make huge demands on CPU and RAM.

The problem is securing remote connectvity

Making it easy for employees to log on to client/server applications when working from home, on the road or stationed in branch offices, improves productivity.

Enabling business partners, customers and vendors to also access these applications – when and wherever it suits them – streamlines business processes and enhances real-time business collaboration.

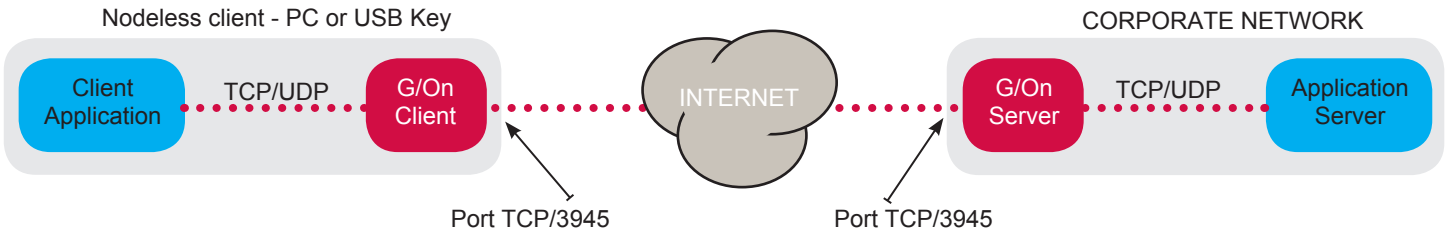
Until recently, the bandwidth needed to run client/ server applications over the Internet simply often wasn’t available. This is rapidly changing. The only major challenge to achieving these goals today is an easy, cost-effective way of securing remote connectivity while maintaining full control of the entire process.

The solution is G/On

G/On enables IT departments to cost-effectively connect users to specific client/server applications without compromising security or creating massive administrative problems.

This is because G/On’s offers a unique set of remote application connectivity and advanced security features as integral components – not separate add-ons.

The result is a solution that make it easier for IT administrators to endorse letting people outside their own organization, as well as their own employees, access client/server applications anywhere, anytime.



This diagram illustrates the minimal requirements needed for G/On connectivity. Only one TCP port needs to be opened on any firewall between the G/On client and the G/On Server. The device hosting the connection never becomes part of the network where the G/On server is located.

How it works

G/On is a client/server platform. The G/On Server is installed behind the main perimeter firewall and is then connected to the relevant applications. Working together with your local G/On Certified Partner, G/On can be configured to enable virtually anything that can communicate via TCP/UDP.

The G/On Client can either be deployed on a G/On USB key for maximum mobility, or a user's PC. This client option is known as G/On Desktop. In both instances the G/On client is "tied" to that specific piece of hardware, making the USB key or the PC part of the 2-factor authentication process.

If the client/server application you want to make available has a small client, it may be able to run from the G/On USB. Alternatively G/On USB can be configured to run clients installed on the local PC, just like the G/On Desktop version.

Users are always protected by 2-factor authentication (i.e. the PC or USB key is "something you have" while the username and password is "something you know"). All data transmitted during every connection is secured with 256-bit AES encryption.

Unlike VPNs, the PC hosting the connection does not become a node on the network. This reduces the risk of viruses being replicated into the network. It also reduces network traffic and limits the number of ports that needs to be opened to just one TCP port, (the IANA registered default is 3945/tcp, but G/On can be configured to any TCP port).

Efficient administration

G/On Admin is a suite of software tools for administering the system. It can be used to register users, set up which applications they can access and define rules for how they can interact with these applications depending on where the user logs on and which PC they are using.

One integrated tool

This means IT administrators now only need one easy-to-use tool to secure remote connectivity to all sorts of users without causing extra administration. G/On lets them:

- authenticate users,
- avoid the risks to their network of people connecting from PCs they have no control over,
- encrypts the data and
- connects users only to applications (not the whole network)
- and control every aspect of how this is done from the back end.

For business decision makers, G/On means they can increase the value of their IT investments by cost-effectively letting everyone in their business ecosystem – not just their own employees – access client/server applications.

For users, G/On is a robust easy-to-use tool that adds convenience to their work routine. Now they can quickly and easily connect to the applications they need to do their job whenever and wherever it suits them, without the hassle of using, for example, secure tokens.

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