

G/On™ for “My office PC”

G/On delivers: Secure access to your office PC and mobility, flexibility, and usability.

Many people working today are using a computer at work. And for most of them, it has become a necessary and required tool. The office computer desktop is installed and configured for all the applications required and it provides easy access to data throughout the company. In addition, the desktop computer is most often “managed” in terms of security, access etc. It has simply become the “hub” for conducting business.

But what happens when you are outside the office either on the road travelling or when you want to work from home? Well, the most employee-friendly and most productive and effective option is simply to let you access your computer desktop in the office. You know it so well and it already has access to everything you need. So why give access to anything else?

G/On offers the perfect solution for an organization to fully manage, secure, and control employees’ access to their office PC.

A simple, yet powerful solution for remote access

Rather than installing numerous new servers, new operating systems, new infrastructure, and new software licenses, G/On is a powerful tool that provides the security and the convenience for a company and its employees to give everyone the option to use any device outside the office and work on their computer desktop in the office.

Users love it

Today, most people using computers at work also have one at home. They use computers as a tool to do the work they are experts in. They are not experts in computers and they shouldn’t be. They hate it when something changes or doesn’t work.

Being able to use their PC, Mac or iPad at home and connect to their computer desktop in the office makes employees extremely productive while removing any anxiety caused by “the unknown”.

- G/On does not make any changes to the computer at home, and it makes no changes to the computer at the office.

- When you leave the office for the day, you simply lock your desktop while leaving all your applications running. If you want to save energy, it is perfectly OK to put the computer in sleep mode (or it can be set to do so automatically after some time)
- When you come home, you plug your G/On USB Token into your own PC, enter user name and password, and the next thing you see is your office desktop. Or, if you want to use your iPad, simply tap the G/On icon to login.
- All your applications are there – exactly where you left them at the office. The cursor is precisely at the word in the document or mail you were editing when you had to rush out of the office.
- When you are done working at home, you can just pull out the G/On USB Token or disconnect G/On on the iPad.
- Arriving back into the office the next morning, you unlock your computer and, again, you continue working exactly where you left it while at home.

Travel light

When you travel, you prefer to travel light. If you go places where you have access to a PC with Internet access, you can just bring your G/On USB Token.

An alternative may be for your company to provide you with a light 3G enabled netbook, laptop or an iPad. If not, you can simply bring your own. In either case, you get Internet access in most places and because all traffic is encrypted, G/On is safe to use on wireless 3G and WiFi networks. G/On also makes sure that no data leaves the company network and that no data ends up on the device you take on the road. In case you lose your device or it gets stolen, you know that there is no company data to see for the wrong people.

Mobility, Flexibility, and Security in one solution

G/On gives you an unprecedented flexibility to work at anytime from anywhere and from any device. It means you can be responsive when needed and better balance your different priorities.

Corporate IT likes G/On

Rather than investing in a separate server farm for remote access along with all the necessary software and tools, G/On leverages the investments already made in the existing computers sitting on employees desks throughout the company. Most companies are already licensing versions of Microsoft Windows that has the capability for remote access. G/On adds the necessary security to this function of Windows and gives IT administrator a centralized tool to manage and control access to the desktops.

In one single tool, G/On provides

- Two-factor user authentication using the G/On USB Token as hardware authentication and user name/password as the second factor. Alternative hardware factors are the iPad, iPhone or the user PC.
- G/On integrates fully into existing user directory infrastructure and uses Microsoft Active Directory or any LDAP compliant directory for user name/password verification. Once the user is authenticated it is the G/On Server that conveniently handles the subsequent logon to the user's PC.
- Every user device is enrolled into the G/On Server using RSA 2048bit private/public key pairs. The G/On USB Token uses smart card technology for the creation and storing of the keys and token authentication is based on a challenge/response protocol processed by the smart card. For PC and iPad/iPhone tokens, processing is done by the CPU.
- 256bit AES encrypted communication. FIPS 140-2 compliant on Windows devices.
- G/On is a client/server solution implementing a distributed port forwarding proxy technology for virtualized connectivity between application clients and application servers. User devices do not get network level access to the corporate network. The G/On Server instructs the G/On Client to launch a Remote Desktop client on the user device and encrypts the communication to the G/On Server. The G/On Server terminates the connection from the G/On Client and forwards it to the user's PC in the office.

- The G/On Server manages the connection and the user is unable to override server settings. For instance, the G/On server controls which PC the user can access and it controls the user's ability to copy/paste, to print locally, to access local drives etc.
- G/On incorporates RDP protocol/package inspection for added protection against attacks.
- G/On supports Wake-on-LAN allowing users to save energy by letting their office PC hibernate while not in use. Away from the office, users will issue a "wake-up" command and their office PC will be ready for use momentarily.



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

Looking for a managed environment?

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. Rather than starting the G/On Client, the user starts the entire PC from the G/On USB Token. The PC will start 100% isolated from storage devices on the user PC and connect 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.

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

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.

