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Network consolidation represents a paradigm shift – the next logical step in the evolution of networks.

Traditional network security solutions are designed to defend the fortress: firewalls, VPNs, secure tokens, IDSs, anti-malware etc. are all aimed at protecting the perimeter of the network.

Today network perimeters are like lines on a map – easy to plot but difficult to enforce. Many people who access the network remotely also log on internally, often using the same laptop.

This means we can no longer afford to treat “remote access security” and “internal network security” as separate issues. Securing a local user involves addressing the same five challenges as securing a remote user:

- Authenticate the user
- Secure the device
- Encrypt the data
- Control network access
- Manage application/data access

Up until now, companies have been forced to invest in different solutions from different vendors to address each of these challenges. G/On changes that. Now you only need one solution to address the five challenges.

This greatly reduces the cost and complexity of securing access for all types of users. And with broadband Internet access now widely available and capable of providing the same performance as 10/100 Mbps Ethernet LANs, G/On creates the opportunity for unprecedented network consolidation

Now companies only need the Internet for data transport and G/On for securing access to their applications. This essentially makes all their legacy security solutions redundant.

Giritech is an innovative developer of infrastructure solutions for secure, mobile and flexible access to applications.

Founded in 2003, Giritech's solutions are based on its patented EMCADS® technology and are marketed through an international network of partners. For more information, visit www.giritech.com.



Less is more

Consolidate your network with G/On.

The cost of securing traditional company networks is forcing many companies to compromise on business growth.

Giritech's breakthrough technology is enabling them to dramatically consolidate their network infrastructure.

This saves time and money, increasing security without sacrificing functionality or ease of use.

Less complexity. More value.

This is the problem

The LAN has been the basic building block of corporate IT infrastructures since the 70's and 80's because they make it easy to give locally connected employees secure access to shared resources with a high level of performance.

Today broadband Internet connections are widely available and getting faster all the time. Now we can get the same performance over a remote connection as we do on the LAN.

Moving forward this means one of the primary reasons for having a LAN is security.

The traditional strategy has been to secure the perimeter of the LAN using standard solutions such as firewalls, intrusion-detection systems and antivirus software.

However these solutions don't secure remote connections, which is a problem because the demand for remote access is rapidly increasing. People want the convenience of working from home. Or they want to work smarter, not longer, by connecting from a customer site, a hotel or an airport, instead of being

tied to the office. There are also real benefits in giving external partners access to different business applications like ERP and CRM.

To make all these connections secure, most companies are using VPNs, secure tokens and a range of end-point security solutions.

The other area where perimeter security solutions fall short is inside the network. Research by Vista indicates that up to 70% of security breaches are not caused by hackers but by authorized users connecting from "inside" the office – those who accidentally carry a Trojan or a worm in on a laptop, as well as those who deliberately leave with lot of sensitive data on, say, a USB key, an iPod or their mobile phone.

Having to protect the LAN against external and internal threats has left many companies with a complex and expensive infrastructure that all too often still proves vulnerable to attack.

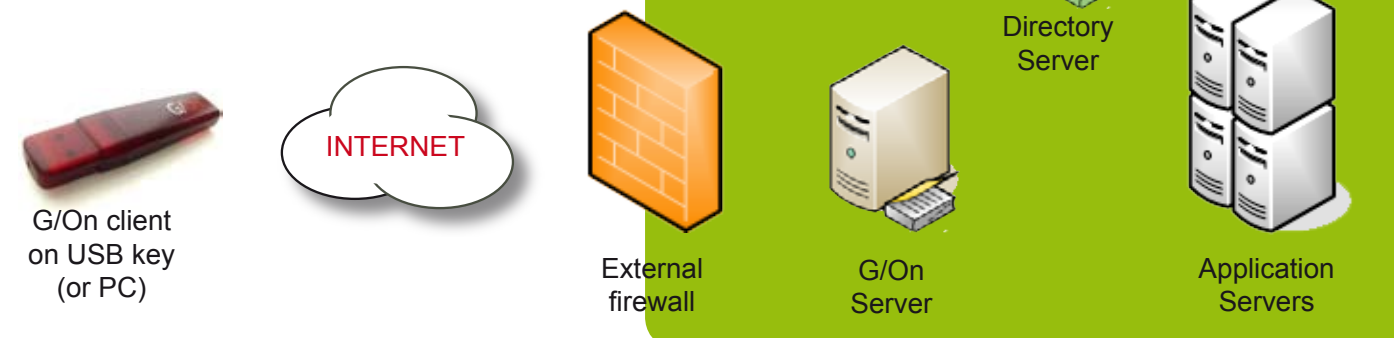
This is the problem that Giritech's consolidated network paradigm solves.

This is the solution

Giritech's model for network consolidation involves installing a G/On server as the single point of access to specific application and data servers. Everyone then connects to these resources via the Internet using their G/On client – regardless of whether they are connecting from home, on the road or in the office.

In other words, the Internet and a G/On Server replace the LAN, WAN, MAN and so on, becoming the only network infrastructure that organizations require. This increases security and flexibility while dramatically lowering costs and complexity.

This diagram illustrates how G/On reduces network complexity. Employees and external partners always connect via the Internet, regardless of whether they are logging in from home, on the road and in the office.



These are the benefits

The following benefits translate into greater business agility, empowering companies to handle change faster than ever before.

Less complexity

Now you only need one solution instead of different solutions from different vendors to address different security problems. And that translates directly into more value for money.

Less administration

G/On reduces the task of administering network access. New users can be added to the system in

minutes, new rights and policies can be added on the fly, and updates can be pushed out remotely.

More user-friendly

G/On is exceptionally user-friendly. And with no complex routines or devices to learn, there's no incentive (or option) for "bending" the rules.

More security

G/On provides the same level of security on every connection – both internal and remote – transparently addressing every aspect of secure access.

