GIRITECH

G/On solves the problem of

Network to Network Connectivity

in hours not weeks

Top Features and Benefits

G/On makes it easy to connect users on another network to applications on your network – without compromising the security of either network.

- **Unique nodeless connection**
  The PC users connect does not become part of your network. This security feature reduces the complexity of letting people connect to applications on your network from a PC on another network.

- **Efficient administration**
  G/On lets you control every aspect of remote connectivity from the backend, with most of the day-to-day admin to be done via Active Directory. This greatly reduces the burden of managing remote users.

- **Advanced security features**
  163-bit ECC encrypted 2-factor authentication, 256-bit AES payload encryption and nodeless application connectivity are just some of the security features built into the core of G/On. This lets you streamline your IT infrastructure because now you only need one solution instead of several to secure remote users.

- **Flexible application connectivity**
  G/On can be configured to connect users to virtually any application – without requiring a web interface. Now you can quickly and cost-effectively let both employees and external users access all sorts of applications – anywhere, anytime from almost any PC.

This is the problem

Connectivity – making it easy to share information within your organization, as well as with external partners – is essential for business growth.

Connecting two different networks however remains a major challenge. Resolving all the differences in IT infrastructures and corporate security policies demands time and precious resources.

Until now there hasn't been an easy way to balance the three critical criteria of (1) providing connectivity, (2) maintaining security and (3) streamlining administration.
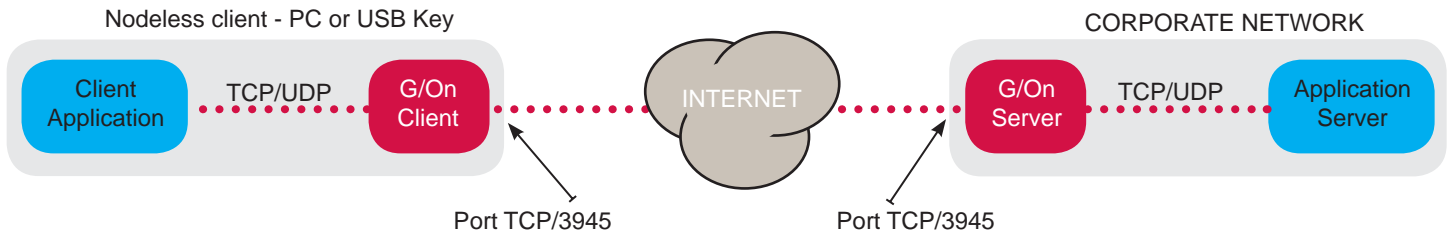
This is the solution

G/On is an innovative solution that balances this equation, enabling you to quickly and easily capitalize the benefits of network to network connectivity while avoiding the risks, costs and complexity associated with traditional solutions.

Unique "nodeless" connection

G/On avoids the complexity of network to network connectivity by not letting remote users become part of the network. Instead G/On lets the user access specific applications via a "nodeless" connection.

This means the PC the user is connecting from never becomes part of your network. When connecting from another network all the user needs is outbound TCP connectivity on one port.

Nodeless client - PC or USB Key
CORPORATE NETWORK

Client Application — TCP/UDP — G/On Client — INTERNET — G/On Server — TCP/UDP — Application Server

Port TCP/3945

Port TCP/3945

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.

Efficient Administration

Traditionally, deploying and maintaining remote connectivity solutions has involved a lot of time and effort – especially when connecting people not directly employed by your organization.

G/On changes this by enabling virtually all the day-to-day administration of users to be done via Microsoft Active Directory. The IT Department can directly control every aspect of every connection from the backend, while users are given a simple client that they can't modify or adjust

Changes and upgrades can be made on-the-fly to both individuals and groups of users, thanks to a remote upgrade feature called G/Update. G/On also lets you define zones to manage which applications can be accessed and what level of interaction a user has based on where they are connecting from and whether or not they are using a trusted device.

Advanced Security Features

Previously, securing remote connections meant installing and maintaining an arsenal of different solutions from different vendors.

G/On also takes this weight off your shoulders. G/On provides strong 2-factor authentication, mutual client/server authentication, and end-to-end AES encryption as an integral part of the solution – not as extra components that need to be bolted on afterwards.

Flexible Application Connectivity

G/On provides application connectivity – without limiting users to a browser interface (or thin client SBC solutions). This avoids the need to "webify" legacy applications – plus the risk of using browsers on PCs you have no control over – allowing users to work with the same user interface that they already feel comfortable with.

Virtually any application that communicates via TCP/UDP can be made available through G/On.