

The Problem

Organizations store more sensitive data on computer networks than ever before. This increased reliance on networked computers makes Information Security a priority.

However, there are many occasions where an outsider would like to use your network to access the public Internet. More and more access to the public Internet is viewed like access to a telephone. People expect to be able to pick up a phone and make a local call and now they expect to be able to plug in a laptop and access the Internet.

The Solution

Ross Technology Group's GuestAccess allows IT personnel to quickly and easily grant guests access to the Internet (and other resources if desired) while keeping them from accessing internal data. Consider a network without GuestAccess as shown in the diagram to the right.

In this scenario the servers that contain sensitive information are vulnerable to attack from the guest users. Now consider the same network with GuestAccess as shown bottom right.

With GuestAccess the guest users can access the Internet, but are prevented (by the firewall) from accessing the sensitive data. In effect the GuestAccess extends the DMZ to the guest lan, The existing firewall now protects the organization's sensitive data from external and internal guests.

How does it work?

GuestAccess combines several best of breed open source products (NetBSD, IPFilter, and ISC's DHCP server) into one easy to use product. All of the configuration options are accessible via an easy to use menu system that allows the device to be configured by junior level IT staff in around 20 minutes. Its unique design combines the all of the files into a single image file, which makes upgrading easy.

GuestAccess can partner with routers from many major router manufacturers (Cisco Systems, et al.); PCs running the following operating systems: FreeBSD, NetBSD, OpenBSD, Linux, & Win2K/2003; as well as our own Aggregation Server.

Part No.	Description	List Price
GA1000	Guest Access Device	\$1,495
GA-AS1000	GuestAccess Aggregation Server	\$2,995
MGA1000	1-year Maintenance (software upgrades and hardware replacement) for GuestAccess Device Provides email and phone support	\$150
MGA-AS1000	1-year Maintenance (software upgrades and hardware replacement) for GuestAccess Aggregation Server	\$450

Each unit comes with a three-year warranty against hardware defects. Additionally, the customer has access to email and phone support for troubleshooting only and access to software upgrades for the three-year warranty period.

