

LOCATION AWARE SECURITY

VISIBILITY OF GEOGRAPHICAL DATA ORIGIN AND DESTINATION

Enterprises and governments are increasingly targeted by cybercriminals and countries alike in pursuit of economic or political gain. The size and frequency of these highly sophisticated cyber attacks present a constant uphill battle for security administrators. Although there are cybercriminals in virtually every corner of the globe, statistics show recurring incidents in “hot spots”, or certain geographic regions or countries, by extremely advanced cybercriminals and, oftentimes, government-sponsored cybercriminal cartels. In addition, when new Botnets are created, they often create attack waves from regions that are normally considered low or moderate risk.

A recent SANS survey has shown that the USA is the most targeted country in the world, albeit most attacks originate from countries in Asia and Russia. Generally, users are not aware of the geographical location of a server they are connecting to. Links in emails or rogue online shops may carry a “.com” or “.ca” domain moniker but are physically located outside of the USA or Canada. To make matters worse, neither Content Security Devices nor URL Filters can determine the physical location.

While connected to a malicious server, Botnets, Zombies and Trojans can send data without user interaction and compromise not only credit card and personal information but also steal intellectual property and trade secrets. GeoShield thwarts data theft, phishing, and online fraud from high risk countries and regions.

PROTECTION POINT

- * **Internet Gateway**
(Plugin for Microdasys SCIP or Microsoft Forefront TMG)

THREAT PROTECTION

- * **Phishing**
- * **Data Theft**
- * **Online Fraud**

KEY BENEFITS

- * **Allows security policies based on actual server location**
- * **Blocks access to servers that are located in untrusted geographical regions**
- * **Intercepts web links in email messages and blocks or allows the connection based on geo policies**
- * **Prevents all data transfer to high risk countries, regardless of protocol and port**
- * **Increased productivity and security by allowing only connections to countries you normally do business with.**



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