GEOSHIELD
Location Aware Security

LOCATION AWARE SECURITY FOR FOREFRONT TMG 2010

VISIBILITY OF GEOGRAPHICAL DATA ORIGIN AND DESTINATION

Enterprise and government networks are increasingly targeted by cyber-criminals looking for economic or political gain. The scope and frequency of these highly sophisticated attacks present a constant uphill battle for security administrators. While there are cybercriminals in virtually every corner of the globe, statistics show recurring incidents from "hot spots," or certain geographic regions and countries, by very advanced—sometimes even government sponsored—attackers.

Microsoft Forefront TMG does not provide the ability to define security policies that limit users and network devices to connections within the boundaries of the trusted realm of a company's business interests.

GeoShield adds a new layer of security to Forefront TMG by providing visibility into the actual geographic location of a server. Administrators can set security policies that confine users and devices to certain geographic regions, thus greatly limiting exposure to attack and data loss without impeding business processes. GeoShield removes the obscurity of expatriated top level domains and shortened URL's such as bit.ly and tiny.cc. This empowers the user and the security administrator to make an informed decision before submitting confidential data to a foreign hosted system, while at the same time connections to untrusted regions can be blocked altogether.

As a native plugin, GeoShield seamlessly works in concert with all security features that Forefront TMG provides without the need for extra hardware. The administration console provides extensive reporting and quick and flexible policy setting and exception handling.

PROTECTION POINT

* Internet Gateway
  Plug-in for Microsoft Forefront TMG
  or Microsoft ISA Server 2006

"GeoShield protects corporate networks through visibility into the true origin and destination of data. Data can only travel within the trusted realm of a company's geographical business interest."

THREAT PROTECTION

* Phishing
* Data Theft
* Online Fraud

KEY BENEFITS

* Blocks access to servers that are located in untrusted geographical regions.
* Allows security policies based on actual server location.
* Intercepts embedded email and web links and blocks or allows connections based on the Geo Policy.
* Stops Phone-Home Trojans and data exfiltration to untrusted countries, regardless of protocol or port.
* Increased productivity and security by allowing only connections to countries you normally do business with.

Corporate LAN

Firewall

GeoShield for Microsoft Forefront

Invisible iFrame ReDirect

Poisoned Trusted Web Site

GeoShield Cloud Service

ZeuS Command & Control Center | Ukraine

Targeted Attack Data Exfiltration | China

Bullet Proof Hosted Web & Pharma Spam Landing Site | Korea

Cross Border Data Storage | France

MICRODASYS™
visibly secure

GeoShield
Location Aware Security

KEY FEATURES

GEO-LOCATION DETECTION
Identifies the true geographical location of a server.

GEO MANAGEMENT
Allows setting and managing location policies based on single countries, country groups and continents. Extensive exception handling based on IP, IP range and domain.

AUTOMATIC GEO LOCATION UPDATES
Regular automatic updates from the GeoShield Cloud Service ensure up-to-date location information.

GEO POLICY ENFORCEMENT
Connections can only be made to servers that are located in trusted geographical locations. Actions include blocking and warn/notify user.

FOREFRONT AND ISA SERVER INTEGRATION
Native 64 bit plugin for Microsoft Forefront TMG 2010 and ISA Server 2006.

PROTOCOL AND PORT INDEPENDENT
Stops zombies, hidden iFrame re-directions and all other user and non-user initiated connections to servers that are located outside of the trusted realm.

Microdasys completes your Internet security solution through total visibility into your Web content and data origin, and uncovers all threats hidden by SSL and XML encryption.

Microdasys was first-to-market with SCIP, the first SSL Content Proxy that set the standard for SSL encrypted content scanning.

COMPLEMENTARY PRODUCTS
Microdasys SCIP SSL Content Proxy for the inspection, management and control of SSL encrypted Web traffic.

Microdasys XSG Gateway Web 2.0, XML and Web Services Content Security Software.

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SYSTEM REQUIREMENTS

Working installation of Microsoft Forefront Threat Management Gateway 2010 or ISA Server 2006.

◉ ENTERPRISE NETWORK
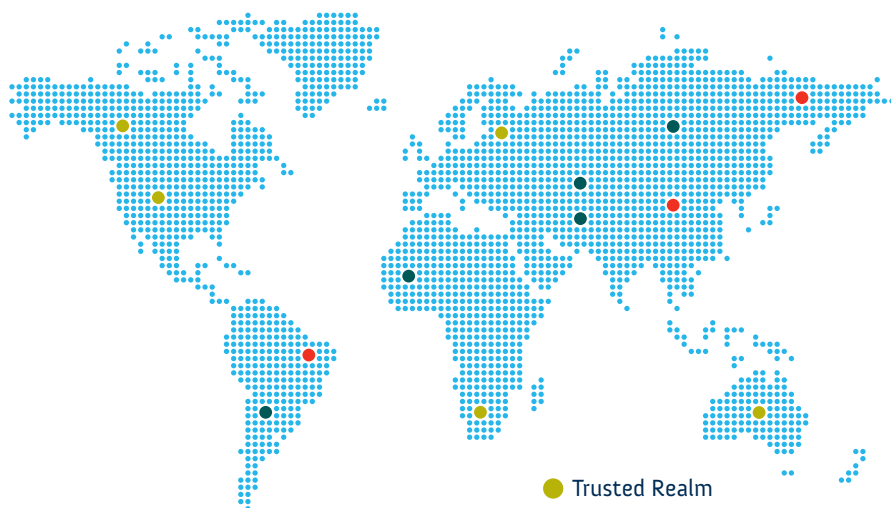
● Trusted Realm
● Use Caution
● Untrusted

MICRODASYS™
visibly secure