

# iSecure Protector

SERVER EDITION 2017

**DETECT  
BLOCK & PREVENT  
CUT COST**



# The Hacking Phenomenon

With the exponential growth of the Internet, hacking has become a huge worldwide, uncontrolled epidemic plague. Anti-hacking defenses are making some progresses, but so are the hackers, who keep developing new inventive technics to get around these defenses.

Remote servers that are opened for remote connectivity, FTP, mail, and other services are constantly under attack by hackers and infected computers. **Successful attacks will bring an entire organization to a halt; resulting in dramatic decrease in employee productivities and increase financial liabilities and burdens.**

## Present Cyber Attack Prevention

To prevent cyber attacks on computer servers is to lock down connectivity by restricting access to certain Internet Protocol (IP) Addresses and computers. This requires IT personnel to be at specific locations at all times to conduct routine maintenance and upgrades. This restriction is a major burden on a company with many servers in the Cloud or offsite. These servers are constantly and secretly under attack by dedicated hacking cloud servers, physical servers, and/or infected network of computers.

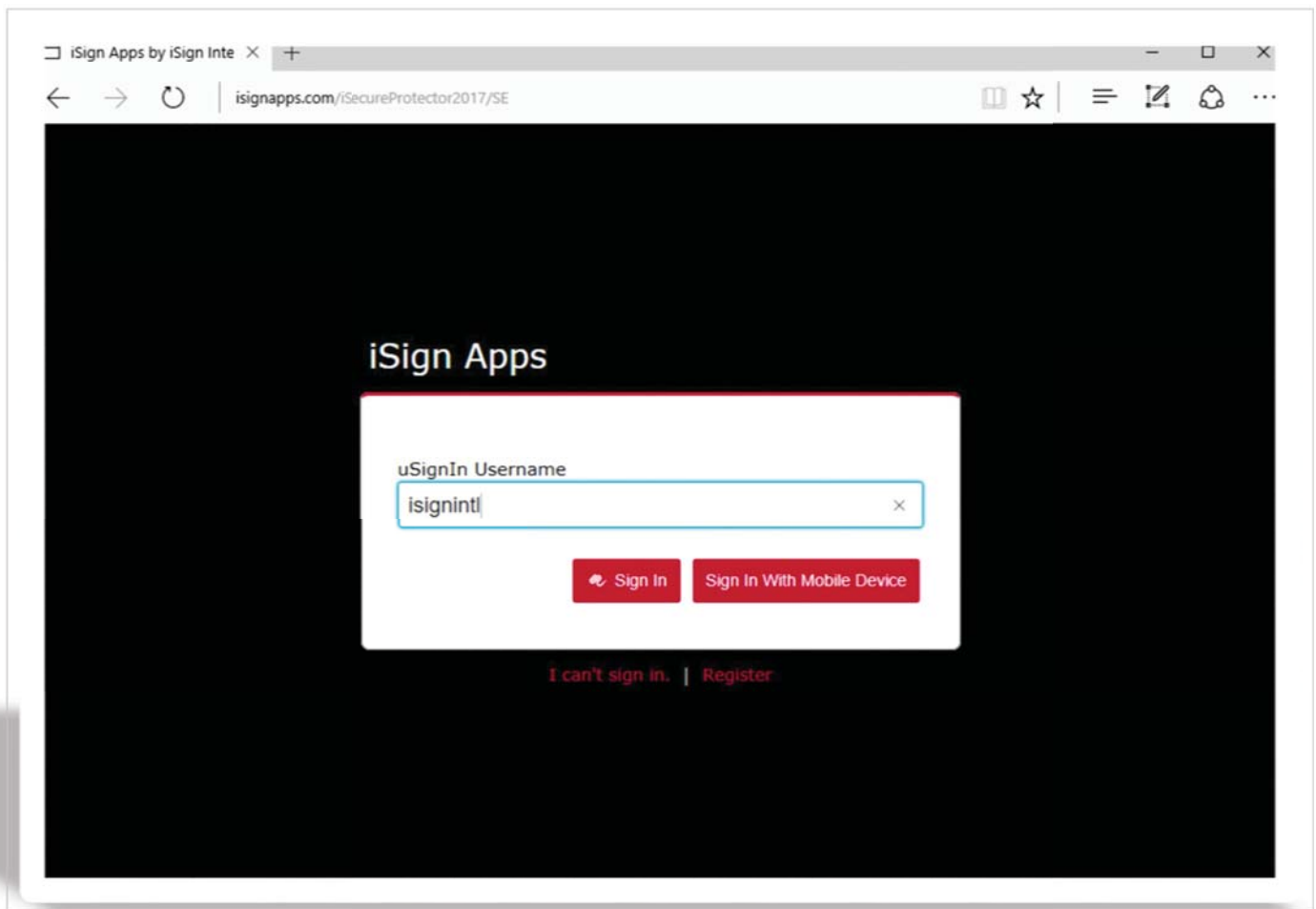


# The Impenetrable Solution

Companies with cloud and/or offsite servers need **iSecure Protector Server Edition** because it is a **highly secured robust** and **intelligent software system** that can **detect, prevent, block, and cut cost**.

## A Robust Solution

Manage 1 or many servers from anywhere there is an Internet connection. iSecure Protector Server Edition management portal is secured by iSign's **Biometric Signature Single Sign On** solution with **5-Factor Authentication** (username, device identity, dynamic token, current location, and biometric signature); it is the strongest authentication system today!



# Detect

Right from the start, iSecure Protector Server Edition starts detecting network packets and translates the source and destination IP Addresses to give you critical information of remote servers, computers, and other devices attempting to make a connection with your servers. Our IP Address Translation Data Service is updated on a monthly basis to ensure the information presented are accurate.

The screenshot displays the iSecure Protector Server Edition 2017 interface. At the top, the title bar reads "iSecure Protector Server Edition 2017" with the subtitle "Enterprise network monitoring and access control." and the version "v2017.07.27.1900". Below the title bar is a toolbar with icons for eye, list, map, IP address, trash, folder, settings, and share.

The main area shows a table of network traffic logs. The table has the following columns: Date/Time, Protocol, Source, Destination, Destination City, Country, ISP, and Domain. Below the table, a world map is displayed with blue pins indicating the locations of the destinations. The map labels include NORTH AMERICA, SOUTH AMERICA, EUROPE, ASIA, AFRICA, AUSTRALIA, Pacific Ocean, Atlantic Ocean, and Indian Ocean.

Date/Time	Protocol	Source	Destination	Destination City, Country	ISP	Domain
7/27/2017 11:11:26 PM	Udp	173.240.56.35:49897	216.211.128.12:53	Saint Louis, United States	TierPoint LLC	tierpoint.com
7/27/2017 11:11:32 PM	41	173.240.56.35	192.88.99.1	-,-	6To4 Relay Anycast RFC3068	-
7/27/2017 11:11:57 PM	Tcp	173.240.56.35:80	91.230.47.3:60131	Dublin, Ireland	Regionalnaya Kompaniya Sv...	-
7/27/2017 11:12:29 PM	Tcp	173.240.56.35:50614	104.80.89.81:80	Seattle, United States	Akamai Technologies Inc.	akamai.com
7/27/2017 11:12:57 PM	Tcp	173.240.56.35:3389	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:13:07 PM	Tcp	173.240.56.35:50607	64.4.54.254:443	Cheyenne, United States	Microsoft Corporation	microsoft.com
7/27/2017 11:14:07 PM	Tcp	173.240.56.35:50625	216.58.216.142:443	Mountain View, United States	Google Inc.	google.com
7/27/2017 11:14:46 PM	Udp	173.240.56.34:64172	239.255.255.250:1900	-,-	Multicast	-
7/27/2017 11:16:18 PM	Tcp	173.240.56.35:80	23.23.222.67:40606	Ashburn, United States	Amazon.com Inc.	amazon.com
7/27/2017 11:16:27 PM	Udp	173.240.56.35:51090	216.211.128.12:53	Saint Louis, United States	TierPoint LLC	tierpoint.com
7/27/2017 11:16:51 PM	Tcp	173.240.56.35:80	54.85.39.12:43956	Ashburn, United States	Amazon Technologies Inc.	amazon.com
7/27/2017 11:17:57 PM	Tcp	173.240.56.35:3389	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:17:59 PM	Tcp	173.240.56.35:50651	216.58.216.174:443	Mountain View, United States	Google Inc.	google.com
7/27/2017 11:18:07 PM	Tcp	173.240.56.35:50640	64.4.54.254:443	Cheyenne, United States	Microsoft Corporation	microsoft.com
7/27/2017 11:20:04 PM	Udp	173.240.56.35:58289	239.255.255.250:1900	-,-	Multicast	-
7/27/2017 11:21:20 PM	Udp	173.240.56.35:64063	66.119.192.11:53	Spokane, United States	Northwest Open Access Net...	noanet.net
7/27/2017 11:21:20 PM	Tcp	173.240.56.35:50673	13.78.188.147:443	Cheyenne, United States	Microsoft Corporation	microsoft.com
7/27/2017 11:22:58 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:23:07 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:24:50 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:24:50 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:24:55 PM	Udp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:25:41 PM	Udp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:26:34 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:26:34 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:26:34 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net
7/27/2017 11:26:34 PM	Tcp	173.240.56.35:50606	71.35.150.113:31353	Bellevue, United States	Qwest Communications Com...	qwest.net

Intercepted 20417 packet(s) [225...]

Intercepted 21604 packet(s) [1109774 bytes]. Filtered 138 destination(s) [12840 bytes]

# Block & Prevent

Once a suspicious Internet Service Provider (ISP) has been detected, iSecure Protector Server Edition gives you the ability to block all servers associated with that ISP. As new servers or infected computers belonging to the ISP attempt to make connection, they are automatically block. iSecure Protector Server Edition also allows you to block single IP addresses. There are incidents where an infected computer attacks your server, but the remaining set of computers are valid. E.g. An infected computer that subscribes to a reputable ISP for Internet access, such as Verizon Wireless. It is better to block this particular IP Address and allow the remaining good computers access. iSecure Protector Server Edition also gives you the ability to control who you want to block with keywords.

The screenshot displays the iSecure Protector Server Edition 2017 interface, titled "Enterprise network monitoring and access control". The main window is "Inbound and Outbound Management", which includes a table of blocked connections and a "Packet information" window.

**Inbound and Outbound Management Table:**

Status	ISP	City, Country
	Qwest Communications Company LLC	Bellevue, United States
	Multicast	-, -
	Microsoft Corporation	Cheyenne, United States
	TierPoint LLC	Saint Louis, United States
	Northwest Open Access Network	Spokane, United States
	Google Inc.	Mountain View, United States
	6To4 Relay Anycast RFC3068	-, -
Blocked	Regionalnaya Kompaniya Svyazi Ltd.	Dublin, Ireland
	Akamai Technologies Inc.	Seattle, United States
	Amazon.com Inc.	Ashburn, United States
	Amazon Technologies Inc.	Ashburn, United States
	Verizon Wireless	Boise, United States
	Centennial de Puerto Rico	Gusynabo, Puerto Rico
Blocked	Novogara LTD	Victoria, Seychelles
	Verizon Communications Inc.	Newark, United States

**Packet information window:**

- Time: 7/28/2017 12:01:35 AM
- Protocol: Udp
- Source: 173.240.56.35:56712
- ISP: Northwest Open Access Network
- Destination: 66.119.192.11:53
- Destination City, Country: Spokane, United States
- Domain: noanet.net

Buttons: View Destination IP Address, View Domain, Block

URL: http://noanet.net

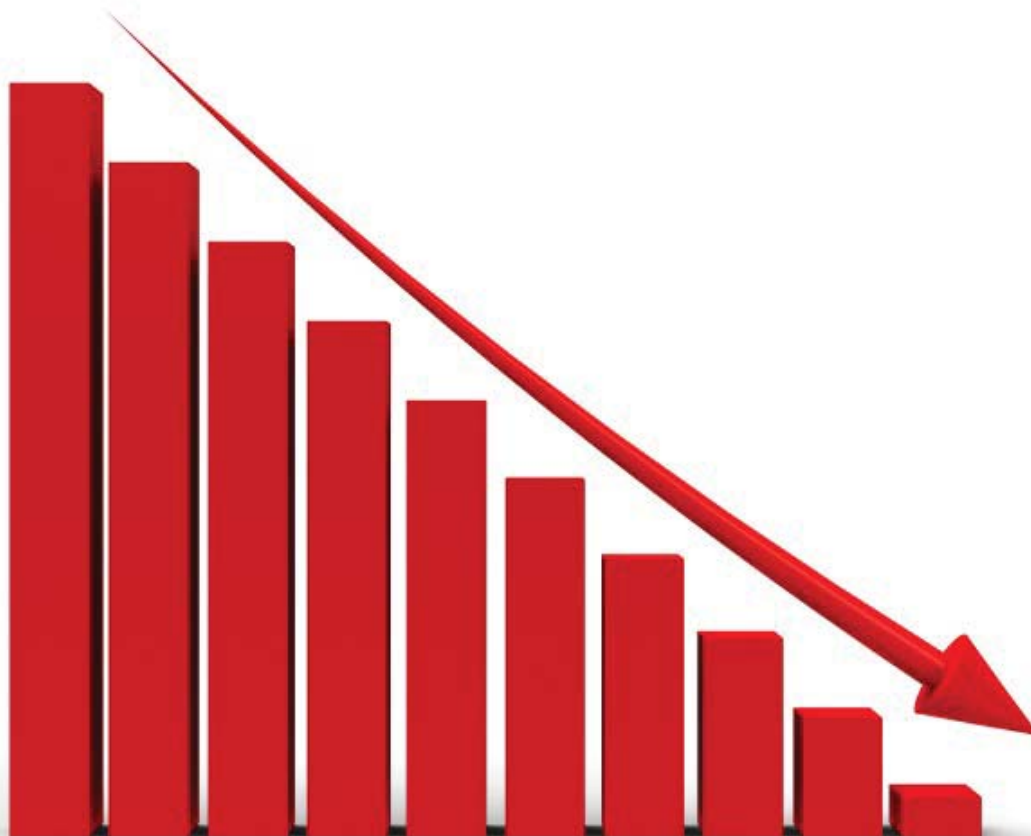
**NoaNet Logo:** Northwest Open Access Network

**Footer:** Comm Techn, NoaNet | (866) 662.6380 toll free | (509) 456.3611 | Copyright © 2017 | All Rights Reserved | Site design by Jennergy, Inc. | BROADBANDUSA CONNECTING AMERICAN COMMUNITIES

## Cut Cost

If your company hosts through Amazon AWS, Microsoft Azure, Google Cloud, and others, you will find that bandwidth will start to increase as more and more hacking and infected computers start making connectivity to your servers. Bandwidth and CPU usage costs begin to increase when your servers are constantly bombarded by hacking and infected computers. To **reduce the skyrocketing costs**, iSecure Protector Server Edition allows you to block hacking and infected computers from further attacks.

Besides bandwidth and CPU costs, iSecure Protector Server Edition also cuts IT personnel cost by allowing them to work remotely and be more efficient; breaking the access barrier that plagues many companies with cloud based or offsite servers.



# Features

- Built-In Artificial Intelligence
- Biometric Signature Protected with 5-Factor Authentication
- Automatic ISP Blocking
- Individual IP Address Blocking
- Detail IP Address Information with Web Browser Viewing
- Keyword Blocking
- Automatic Update
- Cloud-Based Monitoring
- Mobile Management via Apple iOS and Android devices

# Benefits

- Increase IT Personnel Efficiency with Remote Access
- Reduction in Bandwidth and CPU usage costs
- Create Un-Hackable Servers
- Know Who are Attacking You Servers
- Increase Revenue
- Eliminate Cyber Attacks



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