ThreatSTOP™

Customer Stories:
AISO.net

"Invaluable protection for AISO and our customers against zero-day, APTs, and botnets"

AISO.net
Romoland, CA

The Problem

- Protect AISO.net and thousands of its customers against up to 600,000 daily attacks.

- Mitigate risks from zero-day, APTs and other advanced threats.

- Reduce activity and email alerting volumes from existing IPS and IDS solutions.

Customer Overview

AISO.net is an environmentally friendly green web hosting company that provides services for thousands of customers globally from its solar-powered data center in So. California. Founded in 1997, AISO.net was featured as one of Inc. Magazines Top 50 Green Companies.

Thousands of customers globally rely on AISO to host their websites, web applications, email, and for other managed IT services. Like all web hosting providers, AISO.net is a constant target for cyber criminals and "bad actors", with the company blocking 400,000 – 600,000 attacks per day on its datacenter and operations. Attacks come in a wide variety of forms, including brute force, port-level, FTP and SQL attacks, as well as attacks on customer applications.

Examining the Issue

The AISO.net environment was protected primarily by intrusion detection and protections (IDS / IPS) solutions from Sourcefire and Fail2ban, along with Cisco firewalls and network infrastructure.

As IPS and IDS systems rely on monitoring and analysis of traffic activity and behavior, they often consumed significant AISO network and server resources. In addition, hundreds of emails per day were being generated by attempted intrusions that weren't blocked until they reached the server level.

Examining the issue: *(continued)*

Even with these solutions, AISO still felt exposed to threats posed by zero-day attacks, APTs and other techniques that signature-based solutions fail to identify. As AISO.net has customers around the globe, geographic blocking wasn't an option.

How ThreatStop solved it:

AISO.net recognized that by blocking communication with known "bad actors", that an IP reputation-based approach would help provide needed additional protection and improve network utilization. Once it became aware of ThreatSTOP, AISO quickly decided it provided the only true IP reputation solution on the market. Once purchased, ThreatSTOP was fully deployed and providing protection for AISO.net's datacenter *in just 20 minutes*.

Results:

With ThreatSTOP, AISO is now able to block communication with "bad" IP addresses, reducing risks to its operations while also reducing demands on compute and network resources required by existing solutions. After deploying ThreatSTOP AISO has realized the following benefits:

- 70-90% daily reduction in activity and alerts from existing IDS / IPS solutions.

- Dramatic reduction in fraudulent online orders for service that typically originate from overseas sources.

- Improvement in network performance and utilization through reduced reliance on traffic and behavior analysis.

Though it hosts hundreds of WordPress blogs and websites, not a single customer was impacted by recent botnet attacks that used nearly 90,000 different IP addresses.

With ThreatSTOP's industry leading IP reputation solution, AISO has protected itself and its customers from the risks from zero-day exploits that antivirus, malware and other security solutions fail to address.

"ThreatSTOP is the clear leader in IP reputation services, and provides invaluable protection for AISO and our customers against zero-day, APTs, botnets and other advanced threats."

- Phil Nash
CTO, AISO.net

The Solution

- Up to 90% daily reduction in activity and alerts from existing IDS / IPS systems.

- Dramatic reduction in fraudulent online orders for service.

- Improvement in network performance and utilization.

www.threatstop.com
sales@threatstop.com
US: 760-542-1550

Threat**STOP**™