



N-Sentinel™  
ENTERPRISE

n-dimension  
solutions  
SOLUTION BRIEF

# REAL-TIME CYBERSECURITY INTELLIGENCE AND CYBER THREAT LIFECYCLE MANAGEMENT

## Want to know what your firewall is missing?

Discover cyber threats and prevent future breaches with one solution, N-Sentinel Enterprise. Combining six critical cybersecurity capabilities into a convenient cloud-based solution – Enterprise includes the power of continuous cyber threat intrusion monitoring, on-going vulnerability assessments, instant asset discovery and complete cybersecurity concern lifecycle management. Streamline remediation with automatically crafted firewall rules and, when approved, instantly update the firewall to protect against future threats. Rule changes are stored for regulatory compliance.

Use the built-in security concern ticketing system to actively analyze threats and devise next steps. Network staff members always have access to on-demand CISSP certified cybersecurity experts.

## Visualize Vulnerable Assets and Protect Them From Being Compromised

The number of cyber attacks continues to grow year-over-year – now, every utility is at risk of falling victim to a cyber crime or network breach. The question is: *When?* What many utilities do not realize is most network breaches occur because common cyber threats like ransomware, network trojans or rogue applications are stealthily deposited on their network, behind the firewall. These cybersecurity threats often lay dormant for days or weeks before compromising customer data and putting network assets at risk. Predatory behavior like this makes vigilantly monitoring, assessing and protecting prospective intruder entry points from malicious attacks critically important.

Streamline the process of defending internal and external networks by instantly identifying all IT/OT network assets, prioritizing threats and remediating those by automatically writing and updating firewall rules, when needed, to ward off future attacks. Manage cybersecurity threats end-to-end with one solution - while facilitating regulatory compliance.

**100+**  
UTILITIES TRUST  
N-SENTINEL  
SOLUTIONS

## CYBERSECURITY CONCERN LIFECYCLE MANAGEMENT



Threat  
Detection



Analysis



Remediation



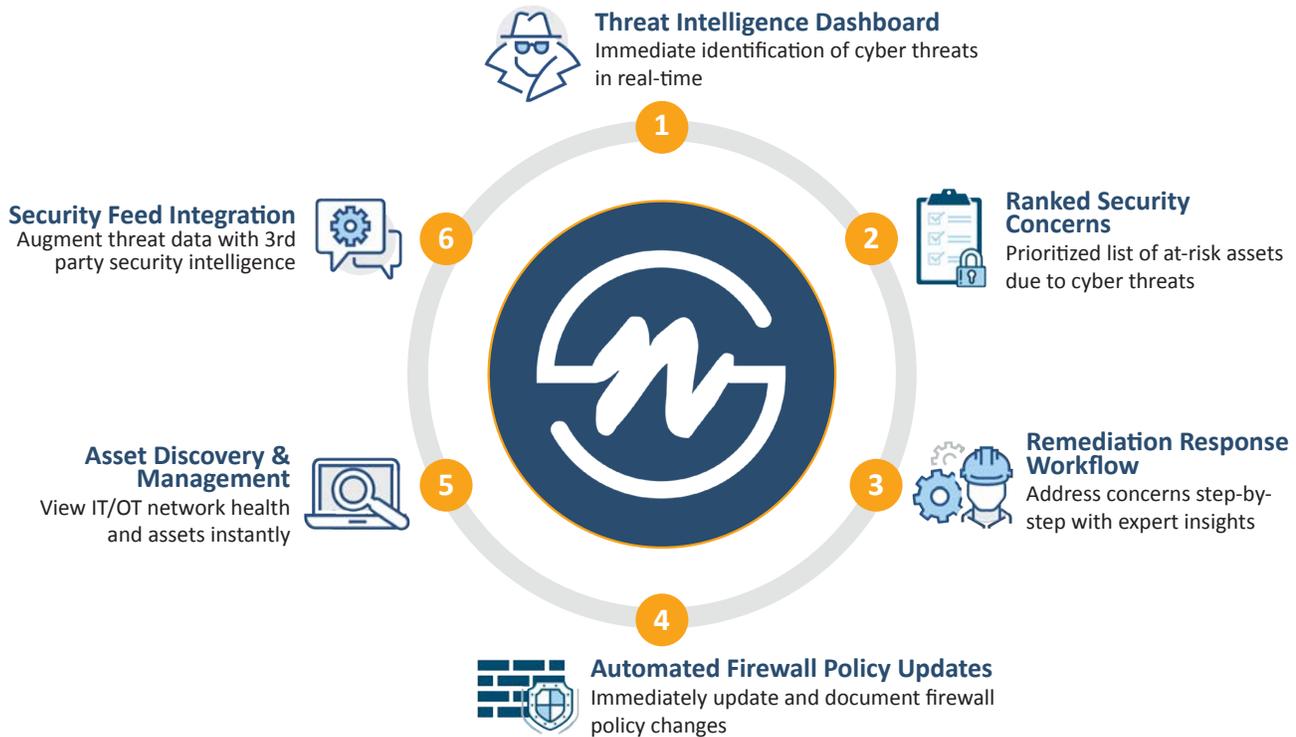
Prevention

# One Platform, Six Critical Cybersecurity Intelligence Capabilities

N-Sentinel Enterprise™ streamlines cybersecurity for utilities by providing critical cyber intelligence capabilities in one cloud-based platform. Deployed using a lightweight rack mountable monitoring device, the solution combines continuous threat hunting with network vulnerability discovery to visualize all cybersecurity concerns and potential breach points. Numerous security alerts are intelligently consolidated and prioritized into single cybersecurity concerns, replacing the time consuming process of researching threats with easy-to-follow remediation instructions.

For more complex security concerns, the built-in ticketing system allows in-house network staff to communicate quickly and easily with on-demand CISSP certified professionals to accelerate remediation. Further, the solution automatically crafts firewall rules to defend against future attacks, which can be applied when approved. These rule changes are tracked and documented to assist in compliance.

## ROUND THE CLOCK, NO HOLIDAYS, ALWAYS PROTECTING CRITICAL NETWORKS



### 1 Cyber Threat Intelligence Dashboard The One-touch “Control Center” For Every Security Concern

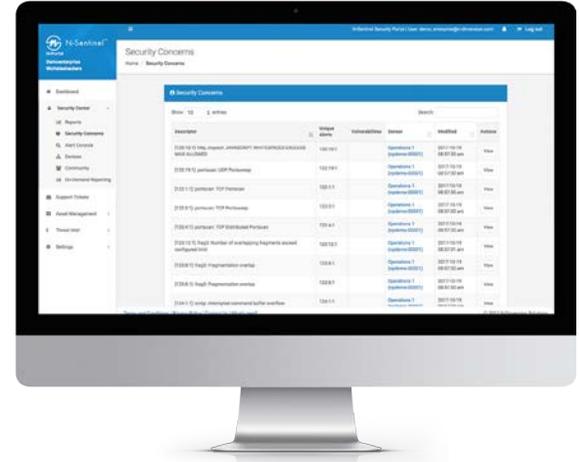
- Real-time, geolocation data for every attack origination point, worldwide
- Prioritized attacks based on aggregated alert intelligence
- Instant red-colored asset icons denoting threat “prioritization”
- Network-wide visual alerts of vulnerable IT/OT assets



2

## Ranked Security Concerns Alleviate Risk With Proactive Management

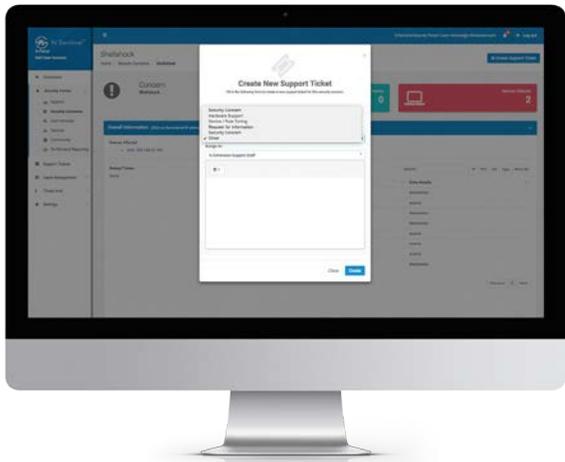
- Time-saving aggregation of multiple “threat alerts” as individual “Security Concerns”
- Intelligently address Security Concerns by priority and host
- Dynamic drill down view of individual alerts
- Visualize raw data packets responsible for triggering monitoring alerts



3

## Remediation Workflow Stop Cyber Criminals From Damaging Your Network

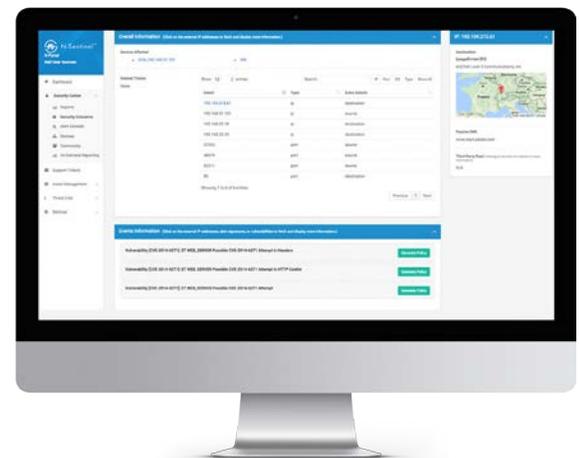
- Create remediation tickets from open Security Concerns
- See how fast problems are solved with one-click timeline view of Open Concerns
- Easily log work details for each concern, no need for double-entry
- Search through past tickets to identify trends or produce reports
- Progress remediation tickets from state to state (i.e. Open, In Progress to Closed)



4

## Automated Firewall Policy Updates Automate Policy Updates and Stay Compliant

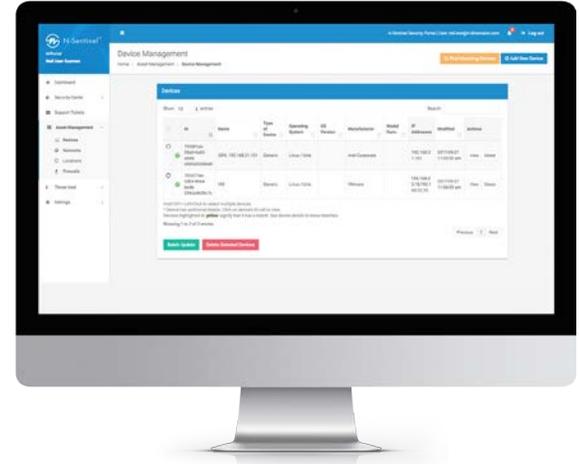
- One-touch creation of firewall policies for faster updates
- Automatically track all policy changes for compliance and auditing (NERC CIP, PCI, etc.)
- All updates are saved in the Enterprise Cloud
- Rollback policy changes, if necessary
- Version control of policy changes tracked with text highlighting for easy management



**5 Asset Discovery and Management**

**Asset Discovery Includes:**

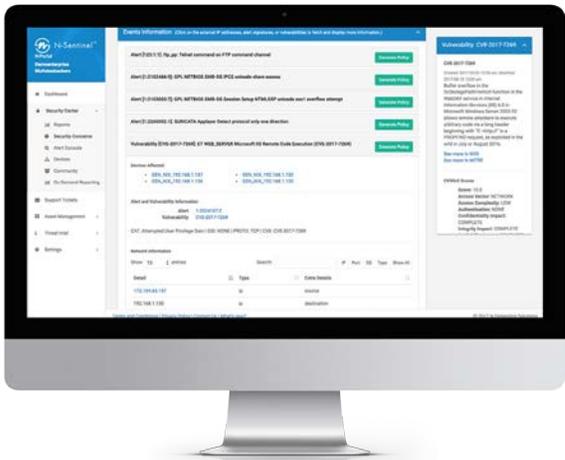
- Real-time, visual network map across IT/OT networks (even segregate networks)
- Automatic, periodic network scans to discover endpoints
- Instantly identify the endpoint type (i.e. firewalls versus network servers)
- Discovery of IP, hostname, MAC and geolocation for every asset and more
- Ability to add devices
- Discovers duplicate devices



**6 Security Feed Integration**

**Leverage Cyber Threat Intelligence Feeds From Multiple Resources to Avoid Searching the Web For Solutions**

- Integration of live cybersecurity data feeds
- Display of threat intelligence directly in Security Concern drilldown view
- Tagged and geolocation specific threat intelligence with DNS, IP's and SIC/CVE documentation



**AWARDED #25 OF TOP 100 MSSP**  
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