

# Arctos™ Network APT Security

**NX** : Network Breach Detection System

Threat actors are increasingly targeting enterprises to infiltrate their network and steal information. These advanced attacks, evade existing traditional network and antivirus based security solutions, breaches victim's infrastructure and, access critical systems and sensitive data. These advanced targeted attacks persist in the network for a very long time disguised as legitimate in-order to make traditional threat detection methods fail to identify a breach. Targeted attacks uses advanced evading techniques for stealth.

As targeted attacks become more stealth and traditional security vendors fail to identify them, all the large and small organizations are at the risk of being breached. Attackers take advantage of weaknesses in public websites to attack users. 69% of breaches are discovered and notified by 3rd parties. In a year cybercrime costs companies \$400 billion and average US firm loses \$15 million.

## Highlights:

- Real-time attack detection at network gateways
- Unlimited distributed architecture for global distributed infrastructure
- Predict attacks before they breach into your infrastructure
- Detect 0 day threats with signature-less predictive analytics
- Identify unknown impending threats using machine learning models
- Near zero false positive threat detection

Arctos Network Security, is a next generation security to defend your resources against targeted persistent attacks that enter your organization through network traffic, is available in either hardware appliance or cloud deployment. It comes with advanced behavior analysis feature to replicate the threats in a controlled sandbox environment for detection of unknown impending malware threats.

### **Unlimited Distributed Architecture**

Arctos Network Security sensors can be deployed in network gateways in your branch offices across the planet with the analytics appliance deployed as a hardware or cloud solution.

### **Real-time Detection**

Arctos Network Security detect breach attacks in near real time helping organizations to apply security policies to contain the threats in short time

### **Zero day Detection**

Arctos Network Security comes with signature less advanced behavior detection techniques to detect unknown 0 day threats

### **Behavior Detection**

Arctos Network Security replicates events in a controlled sandbox environment and applies intelligent behavior detection methods to classify threats

### **Near Zero False Positive**

We employ fine tuned machine learning methods applying n-gram approach for reduced false positive threat detection

### **Correlation for Accurate Detection**

Our analytics methods correlate more security events to accurately detect and classify threats to your network

### **SIEM Integration**

It comes with built in features to easily integrate with your existing third party Security Incident and Event Management Systems (SIEM)

For more information, visit our website

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#### About Arctos Networks

Arctos Networks is the manufacturer of cyber security appliances and software to protect organizations from advanced cyber attacks. Operating one of the world's most innovative cyber intelligence networks, we come across more threats, and protect more customers from the next generation targeted attacks. We help companies, governments and individuals secure their most sensitive data and critical systems.

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