ZingBox

Protecting Your Cyber Physical Systems (CPS)

INDUSTRY TRENDS & INSIGHTS

| Increasing number of attacks on industrial sectors

US government reports indicate cyber-attacks on industrial sectors are on the rise. In fact, Manufacturing and Energy sectors accounted for more than 50% of cyber-attacks on Critical Infrastructure in 2015. One of the reasons behind this increase is that with Industry 4.0 (a.k.a. Smart Factories), industrial equipment and devices are rapidly getting connected to the network without sufficient security in place to protect them from cybercriminals.

| Greater vulnerability

With more mission critical and sensitive data flowing through industrial devices, the consequences of a security breach have become more serious. An organization is only as secure as the weakest link in the system. Compromised industrial equipment could jeopardize an entire organization.

| Existing security solutions are inadequate

Existing security solutions built around the known malware signatures and behaviors are designed to protect a homogeneous IT infrastructure. They often fail to secure the diverse industrial Cyber Physical Systems (CPS) that lack standardization. Hence a different approach for security is required.

RECENT ATTACKS

German Steel Mill Attack

Energy Sector Hit Hardest

Water Treatment Facility Hacked

ZINGBOX SOLUTION

IoT Profiling & Risk Assessment

Automatic equipment discovery, recognition and risk assessment

Anomaly Detection via Behavioral Analysis

Machine Learning based real-time protection & context-aware policy enforcement

Real-time Operational Insights

Real-time situational awareness & operational monitoring for equipment

Incident Forensics & Threat Intelligence

Big-Data based incident analytics and threat intelligence sharing

ZingBox IoT Guardian is an Internet of Things security solution that provides visibility and protection for enterprise IoT assets from cyber and insider threats. A non-intrusive agent-less, signature-less solution, IoT Guardian uses machine learning for asset discovery, risk assessment, baselining the normal behavior of devices, and discovery of threats. ZingBox was recently named one of hottest security startups by NetworkWorld.

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NETWORKWORLD FROM IDG
Silicon Valley's hottest security startup