IoT SECURITY MARKET TRENDS & INSIGHTS

| An increasing number of connected equipment

Most IT departments have no visibility into how many and what type of Internet of Things (IoT) devices are on their networks and how vulnerable they might be to attack. Equipment and devices are rapidly getting connected to the Internet without sufficient security in place to protect them from cybercriminals.

| Greater vulnerability

With more mission critical and sensitive data flowing through IoT 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 IoT devices 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 IoT infrastructure that lacks standardization. Hence a different approach for security is required.

THE ZINGBOX IoT GUARDIAN SOLUTION

IoT Profiling & Risk Assessment

Automatic equipment discovery, recognition, and vulnerability assessment

Anomaly Detection via Behavioral Analysis

Machine learning based real-time protection and context-aware policies

Real-time Operational Insights

Proactive and real-time equipment operational status monitoring

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 of 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. Recently named one of the hottest security startups by *NetworkWorld*, ZingBox was founded by Silicon Valley tech industry leaders who possess deep expertise in networking and security.

CURRENT DEPLOYMENTS

| Industrials/Manufacturing

| Healthcare

| General Enterprise

CUSTOMER BENEFITS

- Comprehensive visibility into the IoT infrastructure
- Real-time IoT protection
- IoT risk assessment and compliance