FACTS & TRENDS

I Healthcare is the most attacked industry

90% of hospitals were victims of cyber-attacks in 2014 and 2015, leading to a $6B annual cost. Unprotected medical devices are the top security vulnerability to the Healthcare industry.

I Medical IT Networks lack basic visibility and protection

With an increasing number of connected medical devices, medical IT networks are becoming more complicated. Typically, *neither* the IT department nor the Biomedical Engineering team of a healthcare organization has the necessary visibility and risk assessment tools, making the unprotected medical devices the weakest spot in a medical facility's infrastructure.

I Stricter regulatory compliance

HIPAA, HITECH, and IEC80001-1 now have higher standards for security compliance and auditing of medical devices. However, the healthcare industry hasn't yet caught up and lacks the tools and processes needed to meet these new requirements.

I Operational continuity and reliability of medical devices

The malfunction and downtime of medical devices cannot only put sensitive and confidential patient information at risk, but could also put a patient's life in jeopardy.

HOW ZINGBOX SECURES CONNECTED MEDICAL DEVICES

Device Discovery & Risk Assessment

Non-intrusive deployment in 15 minutes

Medical Device Behavioral Analysis

Machine learning for baselining and anomaly detection

Proactive Security & Real-time Protection

Immediate policy enforcement

Operational Continuity & Compliance

HL7 level monitoring, audits and reports with forward-looking compliance toolset

ZingBox offers an innovative cloud-based Security-as-a-Service solution called **IoT Guardian** to protect medical IT networks and ensure operational continuity and reliability of medical devices. The patent pending solution automatically discovers, identifies, and classifies connected medical devices for enhanced visibility and real-time risk analysis. IoT Guardian can proactively protect medical devices from internal threats as well as cyber-attacks. The ZingBox solution also offers real-time operational and forward-looking compliance capability.

CURRENT DEPLOYMENTS

I Hospitals & Healthcare Facilities

I Medical Device Manufacturers

BENEFITS

- Out-of-band deployment in 15 minutes
- Visibility and risk assessment of the medical IT network
- Device operational continuity and forward-looking compliance