As manufacturers pursue Industry 4.0 initiatives, industrial equipment and IoT devices are increasingly being connected to the network without sufficient safeguards in place. The never-ending addition, upgrade, and removal of devices, such as PLCs (programmable logic controllers), surveillance and security cameras, IoT gateways, robots, and LED sensors, expose the network to the same risks as traditional IT devices like PCs and servers.

However, the IT solution used for IT systems is not sufficient for emerging, heterogenous, agentless IoT devices. The lack of real-time visibility into devices and their behavior leaves industrial plants vulnerable to attack, resulting in disrupted operations and higher operational costs. Industrial plants require an IoT solution that can seamlessly integrate with the existing IT infrastructure and bring the same IT security rigor and management experience to IoT and unmanaged industrial devices.

**Zingbox IoT Command Center**

Zingbox IoT Command Center is an IoT lifecycle management solution that helps industrial plants and manufacturers realize the full potential of IoT devices through advanced security, optimization, and management.

With patented machine learning technologies, Zingbox IoT Command Center is the first solution to address the challenges of protecting the diverse industrial cyber physical systems (CPS) that lack standardization, as opposed to existing security solutions designed to protect a homogeneous IT infrastructure. It allows you to manage the entire IoT lifecycle and extend IT best practices to CPS/IoT devices through automated orchestration.
USE CASES

Inventory
Zingbox provides complete situational awareness with a dynamic, real-time, and context-aware inventory. Based on deep insight into your unmanaged devices, Zingbox constructs and maintains records for each one: vendor, model, serial number, operating system, and other parameters. You can easily create zero-trust policies for groups of devices and add compensating controls to ensure a secure and compliant network.

Risk Assessment
Every new device becomes a potential “weakest link” for unauthorized access and a possible threat to operations. Zingbox detects vulnerabilities through passive network analysis instead of using intrusive device probing methods to gather the security posture of a device. You can assess risks and vulnerabilities across the entire organization to ensure business continuity.

Operational Efficiency
To help organizations reduce TCO (total cost of ownership), Zingbox allows you to generate efficiency scores for your devices, departments, and facilities. It provides valuable operational insights, such as the study of operational traffic patterns and forensic analyses, to help you get more from existing equipment and make more informed decisions.

Deployment
Zingbox IoT Command Center is a cloud-based, easy-to-deploy solution that seamlessly integrates with existing security infrastructures.

Integrations
With the broadest portfolio of integrations available, Zingbox makes it easy to integrate with existing, previously standalone systems, such as SIEM, NAC, and firewall, and orchestrate all from a single solution. Zingbox can also harness the value of IoT data in existing systems to obtain new business insights.

Support Services
Zingbox ensures you get excellent customer service, offering an array of flexible service and support options, from technical support and training to professional services and ongoing management.