Zingbox

IoT Command Center:
Secure, Manage, Optimize

CHALLENGES AND THREATS

- Increasing number of enterprise IoT devices that are neither managed nor protected
- Ongoing need to assess device risk and ensure compliance and business continuity
- Desire to leverage IoT data in business applications
- Need to integrate IT with OT without losing capabilities

ZINGBOX BENEFITS

- Provides real-time device discovery and risk assessment with the largest IoT behavioral repository in the IoT security industry
- Enables principles of least privilege with zero-trust policies to minimize operational downtime
- Ensures compliance for your entire IoT environment
- Solves the complex integration of IT and OT intelligence
- Provides real-time operational insights, such as device behaviors and usage, to improve business operations

KEY COMPANY STATS

- 1,100 deployments
- 1.6+ PB of IoT traffic analyzed per day
- 11.2 million devices secured

In today's enterprise, the volume and variety of connected devices are growing exponentially, from IT-managed devices like smart phones and laptops, to IoT and OT (operational technology) devices like security cameras, HVAC systems, smart locks, and access control tags. Most IT departments have no visibility into the make, model, behavior, or vulnerabilities of the myriad IoT devices accessing their network.

Whether you're a global enterprise or an educational institution, your IT department's main task is to reduce risk exposure and ensure business continuity across the entire organization. While organizations have deployed solutions to secure and control traditional IT devices like network components and employee work computers, the unmanaged heterogenous IT and IoT devices are still not visible and are therefore vulnerable to attacks. With more mission-critical and sensitive data flowing through IoT devices, the consequences of a security breach have become more serious.

Zingbox IoT Command Center

The Zingbox IoT Command Center solution brings IT best practices to nontraditional edge devices, addressing the challenges of protecting services, accelerating the convergence of IT and OT, and offering operational insights and compliance for the entire IoT lifecycle.

Powered by AI, the cloud-based Zingbox IoT Guardian platform is the foundation of the IoT Command Center and uniquely adopts an IoT personality-based approach to securing, managing, and optimizing IoT devices.

Zingbox IoT Command Center

Zingbox Service and Support	Zingbox IoT Guardian Platform				3rd Party Integrations
	IoT Guardian Discovery — Asset Inventory	IoT Guardian Security — Risk Assessment	IoT Guardian Insights — Operational Intelligence	IoT Guardian Vigil — IoT Dashboard for SOC	CMMS / ITSM / NAC / Firewall / SIEM / SOAR
	Zingbox Inspectors				

USE CASES

Provisioning

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 create zero-trust policies for groups of devices and add compensating controls to ensure a secure and compliant network.

Risk Assessment

Zingbox allows you to detect vulnerabilities through passive network analysis instead of using intrusive device probing methods to gather the security posture of a device. In addition, you can trigger active vulnerability probing when the device is not in use.

Operational Efficiency

Zingbox generates efficiency scores for your devices, departments and facilities to help your organization achieve maximum usage and reduce the total cost of ownership (TCO).

FEATURED CUSTOMERS

WAUBONSEE
COMMUNITY COLLEGE

Brainerd Baptist
S C H O O L

Secure

· Get visibility into your entire IT network and assess the level of risk overall and per device

· Gain dynamic, context–aware micro-segmentation for reduced risk

· Create zero-trust policies and compensating controls

· Meet security and compliance (SOX, SEC) requirements

Manage

· Achieve dynamic asset management with real-time monitoring, reporting, and reprovisioning of IoT devices

· Benefit from centralized and ongoing management from device onboarding to decommissioning

· Gain autonomous IoT orchestration, leveraging existing security infrastructure and making it IoT aware

Optimize

· Get real-time situational awareness and operational monitoring

· Obtain service contract reporting for remote monitoring, servicing, and troubleshooting of device assets

· Gain business efficiency metrics to help achieve maximum usage and reduce total cost of ownership

Deployment

The Zingbox IoT Command Center solution can seamlessly integrate with existing security infrastructures. It is scalable and easy to deploy. Its passive, zero-touch, and nondisruptive deployment ensures business and operational continuity for enterprises.
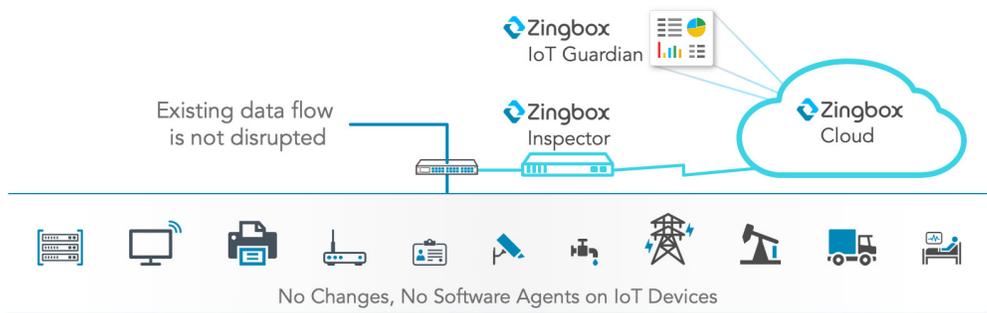
Integrations

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 for unprecedented business insights.