Increase Security and Operational Efficiency in Cities with SecuriThings Horizon

Technology Challenge

Smart municipalities are adopting a **wide array of connected technology** aimed to protect an ever-growing urban population, collected and stored data, critical assets as well as to improve services to citizens. The city of the future leverage IoT to **enhance and automate services** such a waste management, lightning, traffic control and security. These systems are creating significant challenges for the operational teams who need to deal with **scattered deployments throughout the city**.

While the real-time data collected by these devices can be shared to improve city life, information related to the activities and whereabouts of citizens **must remain private and secured** from unwanted use. Moreover, the widespread deployment of IoT devices in the public domain challenges **device maintenance mostly performed manually, and extends cyber vulnerability** beyond the IT network, requiring municipalities to secure edge devices that are now exposed to bad actors.
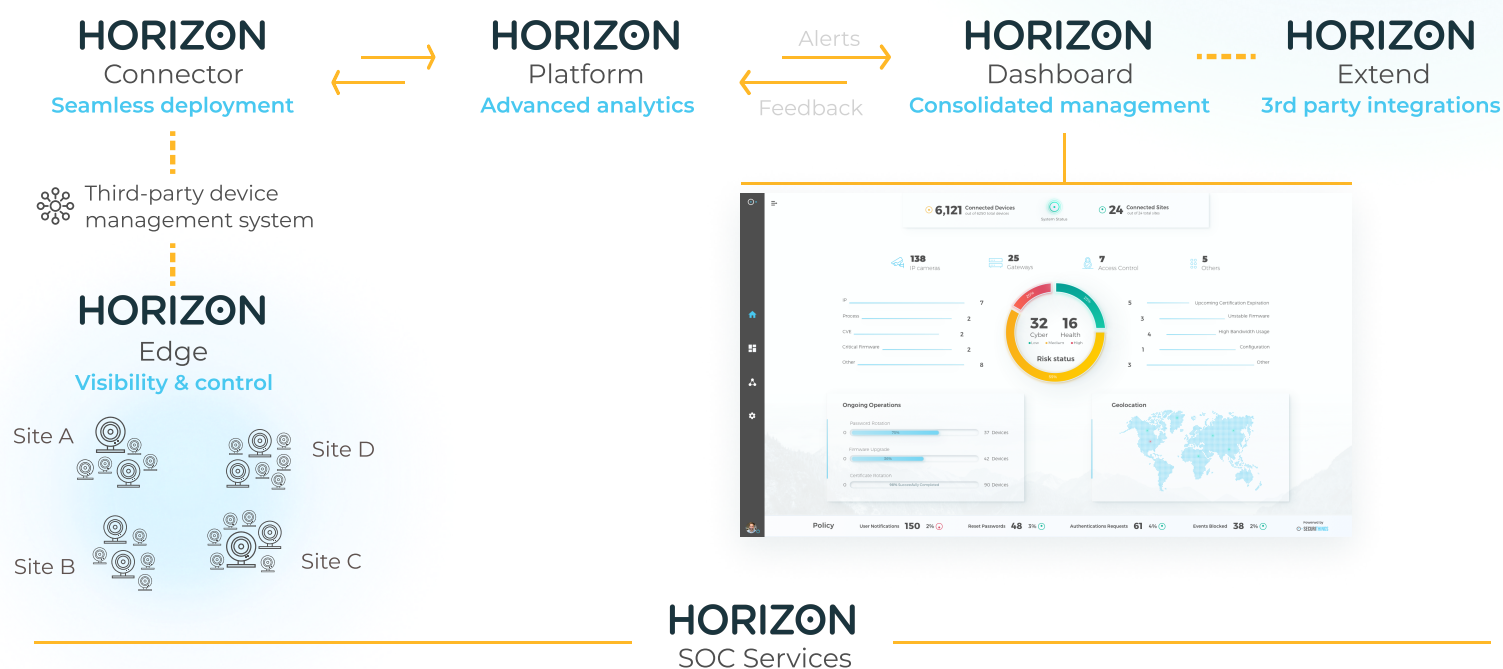
Business Challenge

The race to become the smartest and most innovative city is driving increased investments in smart IoT-enabled systems, such as physical security, street lamps, traffic lights, intelligent transport systems, utility metering for electricity and water, waste management, and more.

These innovations create a safer environment and offer more personalized and efficient services to citizens. On the other hand, a **service downtime due to a malfunction or a cyber-attack on a single IoT edge device could potentially endanger lives, generate business damage and compromise private data**.

SecuriThings Horizon Maximizes Municipalities' Security and Operational Efficiency

SecuriThings Horizon is **the first IoTOps solution** automating the operational management of connected devices. The software-only solution provides **risk detection, predictive maintenance and automated operations**. Horizon is seamlessly deployed on existing and new IoT devices (video surveillance, traffic lights, street lamps, smart meters, etc.) by connecting to the municipality's Management Systems. From that point on, Horizon is performing 24/7 monitoring and analysis across all devices.

HORIZON
Connector
Seamless deployment

HORIZON
Platform
Advanced analytics

Alerts
Feedback

HORIZON
Dashboard
Consolidated management

HORIZON
Extend
3rd party integrations

Third-party device management system

HORIZON
Edge
Visibility & control

Site A
Site D
Site B
Site C

HORIZON
SOC Services

| Sites & devices connectivity monitoring | Automated password rotation & firmware upgrade | Real-time device operational status & metrics | Alert prioritization & classification | Configurable & detailed compliance reports |

Benefits

Major operational cost savings

Edge protection and predictive maintenance

Centralized view across IoT devices

Seamless deployment on new and existing devices

PROTECT your IoT devices

while MAXIMIZING YOUR OPERATIONAL EFFICIENCY

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MANAGING IoT OPERATIONS AT SCALE