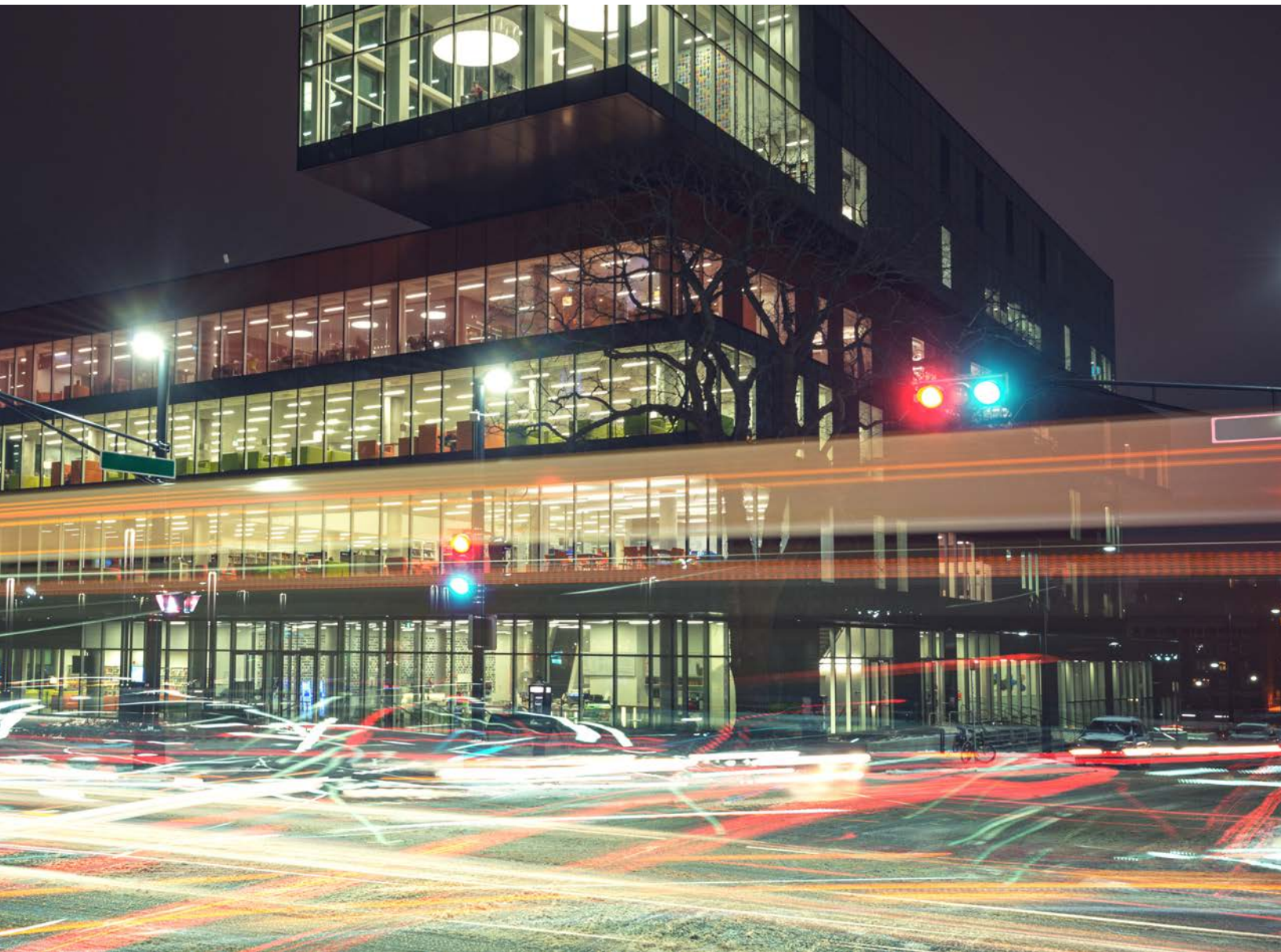


Cybersecurity for Traffic Management & Intelligent Transportation Systems

**Purpose-built security solutions for smart
cities and connected infrastructure**



We Make Smart Cities Safer

As public infrastructure becomes increasingly connected, cybersecurity can no longer be an afterthought. Mission Secure can help you build reliable protection into the foundation of your smart city.

Mission Control's OT cybersecurity platform was built to address the unique requirements and risks associated with operational technology networks. Through purpose-built hardware, software, and managed services, Mission Secure helps customers gain unprecedented visibility and control over their OT devices and networks.



The Mission Secure Platform gave us extensive visibility into what was on our traffic signal system network. We were able to take action on some of the key findings to reduce the risk of malicious traffic compromising the systems in our roadside cabinets."

Chief Traffic Management Engineer

Monitor and control your OT network in real time

Most companies and government entities rely on architectural diagrams to determine what's connected to their operational technology networks. But with the increasing proliferation of internet-enabled OT devices, network diagrams can be out of date the moment they're created.

Without a real understanding of what "normal" looks like, it's nearly impossible to fully protect your smart city infrastructure.

At Mission Secure, we give you the tools to recognize what your OT infrastructure should look like so that you can monitor and protect it — or let us manage it for you.

Mission Secure offers a real-time picture of your network so that every device and contact point is clearly visible and controlled.



Visibility

Identify all devices and connections on your OT network



Segmentation

Segment your OT environment without rearchitecting the network



Protection

Prevent, detect and respond to unauthorized activity in your OT environment



Signal Integrity

Monitor and validate physical process signals to prevent system damage.



CASE STUDY

Securing Traffic Signal and Connected Vehicle Technology

As a leader in urban transportation technologies, and one of the largest cities in North America, this city proactively looked to assess their baseline cybersecurity risks, gain visibility into their OT traffic management system network, and improve overall cybersecurity and network performance.

The Challenge

The customer had historically maintained security by air gapping their traffic management systems from unsecured networks. But as their systems became more connected, they found themselves attempting to retrofit traditional IT security solutions in an attempt to secure the roadside cabinets across their traffic signal system network.

The Mission Secure Solution

The city initially engaged with Mission Secure to conduct a comprehensive network data assessment to determine the state of their traffic signal system network and assess significant risk areas. In addition to finding network infrastructure inefficiencies, the joint team discovered a considerable amount of communication with unknown external networks that posed a potential security risk.

Following Mission Secure's recommendations, the city implemented inline protection for their traffic controllers and malfunction management units (MMUs), along with network-wide passive monitoring, to ensure that unexpected or unauthorized network activity could be immediately detected and addressed.



The Benefits

The city can now analyze and map network connections and activity across all roadside cabinets in the traffic signal system network. The customer can also block unauthorized communications through the Mission Secure Platform.

In addition, the city has dramatically improved its OT network performance, and gained confidence in its ability to accelerate the adoption of new technologies without creating new operational or safety risks.



**Comprehensive OT
Network Visibility**



**Improved OT
Cybersecurity and
Performance**



**Renewed Confidence
to Accelerate New
Technology Adoption**



**Mission
Secure**



Mission Secure

Stop OT Cyber Threats Head-On

Mission Secure delivers a complete OT cybersecurity platform, protecting critical assets from human error, insider threats, and external attacks. Built to address the unique needs of OT environments, Mission Secure's technology and managed services provide asset visibility, threat detection, and policy enforcement without impacting operations.