

PRODUCT SOLUTIONS BRIEF

COMMSCOPE

SMART CITY IoT ENABLEMENT

Through our strong global partnerships and alliances with manufacturers such as CommScope, we are able to present you with the following offering to meet your specific smart city requirements.

imVision® Automated Infrastructure Management

CommScope's imVision Automated Infrastructure Management (AIM) solution provides actionable insights and granular visibility into your network's complex, interdependent physical layer as well as the myriad devices connected to it. imVision delivers three IT advantages:

Optimizing capacity – With its ability to track utilisation of panels, cabling and switch ports, imVision provides real-time data on how physical-layer assets are being used while assisting in the planning process. imVision's sophisticated tools reveal all active components to show you where you can get more from the infrastructure you already have.

Optimizing availability – imVision reduces time-intensive manual processes, generating electronic work orders and enabling guided administration of connectivity changes, minimizing human error and network downtime. Visibility into end-to-end circuits means all changes are automatically fully documented. And, in the event of a network failure, a root cause analysis can be quickly established to help you get back online fast.

Optimizing efficiency – Real-time management of the physical layer ensures that stranded switch ports are identified and repurposed, rather than remaining idle while continuing to consume power. It also optimizes server deployment and commissioning.

CHALLENGE SOLVERS

- With the rapid growth in power over Ethernet (PoE) devices and applications, imVision provides the platform to ensure both power and data are fully documented, from power source to powered devices.
- As more building applications such as Wi-Fi, IP security, LED lighting and A/V utilize twisted-pair cabling, imVision provides the single management platform for the physical layer, tracking what had historically been separate IT and facilities networks.

THE ANIXTER APPROACH

- **Environmental Monitoring**
Leverage a network of sensors to provide predictive insight that solve unique challenges including air quality, energy efficiency, traffic management and utility operations.
- **Visual Management**
Provide visualization of real-time data for city stakeholders to make informed decisions and provide critical information for resident and visitor engagement.
- **Communication Enablement**
Integrate voice, data and video experience across multiple city systems for enhanced operational efficiency.
- **Security Integration**
Manage public safety concerns by creating data interoperability and correlation between physical security systems, first responders and critical city infrastructure.
- **Network Connectivity**
Provide ubiquitous broadband connectivity to enable open platforms and actionable intelligence through analytics for city stakeholders to solve key challenges.

THE COMMSCOPE SOLUTION

REAL-TIME MANAGEMENT

Faster time to service
Quicker mean-time-to-repair

PATCH CORDS

Port sensor technology works with industry standard RJ45 copper and LC and MPO fibre cords

STANDARDS COMPLIANT

Meets ISO and TIA standards for AIM systems
Open API allows integration with other systems special cords needed

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imVision manages both power and connectivity.



WHAT WE HEAR

City officials are dealing with a variety of challenges:



COLLABORATION
between city stakeholders



INTEGRATION
of data platforms



Achieving consensus
for **FUNDING**



Justifying the cost
of **INVESTMENT**



Limitations of **EXISTING INFRASTRUCTURE**

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter provides a comprehensive approach to maximizing the potential of an automated smart city, which starts at the physical layers.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Main and distributing frame designs
- Intelligent copper and fibre panels
- imVision controllers
- Outlet type and quantity

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Intelligent copper and fibre cabling

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labelling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

COMMSCOPE FEATURES

✓ COMPREHENSIVE PHYSICAL LAYER MANAGEMENT INCLUDING CONNECTED DEVICES

- Intelligent copper and fibre panels
- System manager software.
- Intuitive user interface.

✓ PROACTIVE MONITORING AND MANAGEMENT

- Real-time alarm notifications
- Port sensors
- System Manager database
- API for simple integration with other systems



Commscope's imVision is a single management platform for building applications.

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPCOMMSCOPE](https://www.anixter.com/shopcommscope)

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Legal Statement: [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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