SWARCO
MYCITY VISION
INTELLIGENT VIDEO MANAGEMENT PLATFORM

A MYCITY SOLUTION

MyCity Vision is a comprehensive video infrastructure software solution designed to enhance the efficiency, safety, and scalability of modern mobility systems. It integrates real-time video surveillance, sensors, IoT devices, and advanced analytics into a unified solution. This approach streamlines daily operations and enhances the ability to transform data streams into actionable insights, allowing city managers and transportation agencies to optimize traffic flow, enhance public safety, and improve connectivity in urban environments.

KEY BENEFITS

- Unified device management consolidates cameras, sensors, and IoT devices into one network

- Real-time analytics delivers instant insights to improve traffic flow and operations

- Enhanced interoperability enables seamless data sharing across agencies

- Open SDKs and APIs connect with any third-party hardware or software

- Robust security protects transportation data with SOC 2 Type 2 compliance

- All-inclusive pricing with no extra fees, covering support, enhancements, and updates

PRODUCT DESCRIPTION

MyCity Vision is an open, lightweight, and extensible cross platform Video Management System (VMS) that helps transform mobility with video intelligence. With Cloud, Server, Desktop, Mobile, and Video Analytics applications, it is designed to grow with your needs, whether managing a single intersection or an entire city's traffic network, scaling effortlessly to handle unlimited users, video channels, and devices without performance loss or complex reconfiguration.

MyCity

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MYCITY VISION

MyCity Vision is a lightning fast, user friendly, cross platform IP video management and surveillance software designed to quickly discover, view, record, and manage IP cameras, enabling real time monitoring, analysis, and response to critical events.

STANDARD FEATURES

MyCity Vision is a software solution that seamlessly integrates IP camera feeds, sensor data, and real-time analytics into a single interface to optimize traffic and public safety.

Instantly Usable
Simplifies the operation of diverse devices, including cameras, sensors, and IoT systems, by consolidating them into a single, cohesive network.

Cross-Platform & Lightweight
The platform leverages real-time analytics to provide immediate insights, enabling proactive decision-making processes that aid in improving traffic flow, operational efficiency, and strategic planning within dynamic urban environments.

Unlimited Scalability
Promotes seamless collaboration across departments and agencies by facilitating easy sharing and access to critical data and resources. This interoperability ensures that all stakeholders can maximize the utilization of shared devices and information, fostering a cohesive and efficient approach to transportation management.

Robust Architecture

- **MyCity Vision Cloud:** Utilizes Amazon AWS technology to streamline remote system connectivity and management, offering scalable solutions for viewing, user and device management, and secure proxying of video and data.
- **MyCity Vision Server:** Acts as the core engine, facilitating device discovery, seamless connectivity, and comprehensive management across MyCity Vision systems. It supports streams from over 40k video devices from 800+ manufacturers and employs a hive architecture for resilience and scalability.

- **MyCity Vision Desktop:** An open-source, super responsive, easy to use, lightweight desktop client providing a cohesive interface for managing MyCity Vision systems – offering adaptive streaming, PTZ controls, and powerful search capabilities.
- **MyCity Vision Mobile:** Extends MyCity Vision's capabilities to iOS and Android devices, offering on-the-go access for remote management and monitoring, with features like low-latency streaming, push notifications, and two-way audio.

2D/3D Mapping
MyCity Vision's GIS calibration and mapping capabilities allow transportation engineers and management to visually interpret and manage transportation assets and historical data trends with accuracy. This feature is crucial for providing real-time analytics and improving operations and resiliency across transportation networks.

SYSTEM FUNCTIONALITY

Comprehensive Video Management Solution
- Integrate and manage cameras, sensors, and IoT devices at scale 24/7/365
- Enhances situational awareness to optimize traffic flow and enhance public safety
- Transforms real-time analytics data streams into actionable insights
- Software only, hardware required

CUSTOMER SUPPORT

SWARCO McCain's ITS Solutions team provides personalized support, system selection, integration, and ongoing maintenance. Other service options include dedicated online user groups and tailored trainings.

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