



CityEdge:Go

Efficient, proven solution for fast deployment and management of smart lighting and IoT sensors

The CityEdge:Go provides your smart lighting installation, conversion and maintenance projects the best of both worlds. As an out-of-the-box streetlight operations solution integrated with CityEdge Platform, CityEdge:Go is entirely customizable to your project and workflow requirements. Cities using smart lighting management solutions report up to 50% energy savings and 30% lower maintenance costs—CityEdge:Go helps get you there.

Cities and utilities face increasing pressure to modernize infrastructure, reduce operational costs, and improve services—all while managing aging assets and keeping costs low. The CityEdge:Go suite addresses these challenges with a cloud-based, mobile-enabled platform built to simplify and optimize field operations across the entire asset lifecycle.

CityEdge:Go combines six modules—Installation, Maintenance, Planning, Inventory, Work Orders, and Community—delivering a plug-and-play lighting field management solution that's easily configured to local workflows, data standards, and existing systems. Crews can accelerate training ramp-up and installation time, automate diagnostics, improve GIS accuracy, manage inventory and warranties, streamline work orders, and enhance public-facing services—all from a unified interface on iOS, Android, or Windows devices.

With built-in quality control, optional AI-assisted data capture and real-time synchronization with Itron's CityEdge Platform, the central management system, CityEdge:Go empowers you to reduce deployment times, lower operation and maintenance costs as well as improving service responsiveness with higher accuracy and maximum scalability.

BENEFITS

- » **Proven ROI:** Lowers operating & maintenance expenses, improves service and increases efficiency.
- » **Modernize Workflows:** Provides a generational opportunity to digitally transform operations from control center to field operations.
- » **Extend Visibility and Control:** Provide the power of CityEdge Platform to the entire operations team, management, field crews and contractors.
- » **Improve System Performance:** Strengthen data quality across CityEdge Platform and all back-office platforms.
- » **Scale at Your Own Pace:** Modular architecture with the flexibility to deploy only the features you need today while adding others over time.
- » **Enhance Customer Satisfaction:** Accelerate troubleshooting and problem resolution.

SOLUTION OVERVIEW

CityEdge:Go delivers seamless, out-of-the-box cross-platform integration with CMS, GIS, asset management, and other back-office systems—including the CityEdge Platform and Esri's ArcGIS. It offers advanced workflow customization and flexible data configuration options to support diverse operational needs. The solution enables full connectivity between field crews performing installation and maintenance tasks and the back-office systems responsible for tracking and managing asset data. Using the CityEdge:Go mobile application, field teams can instantly control lighting fixtures to verify proper setup in real time.

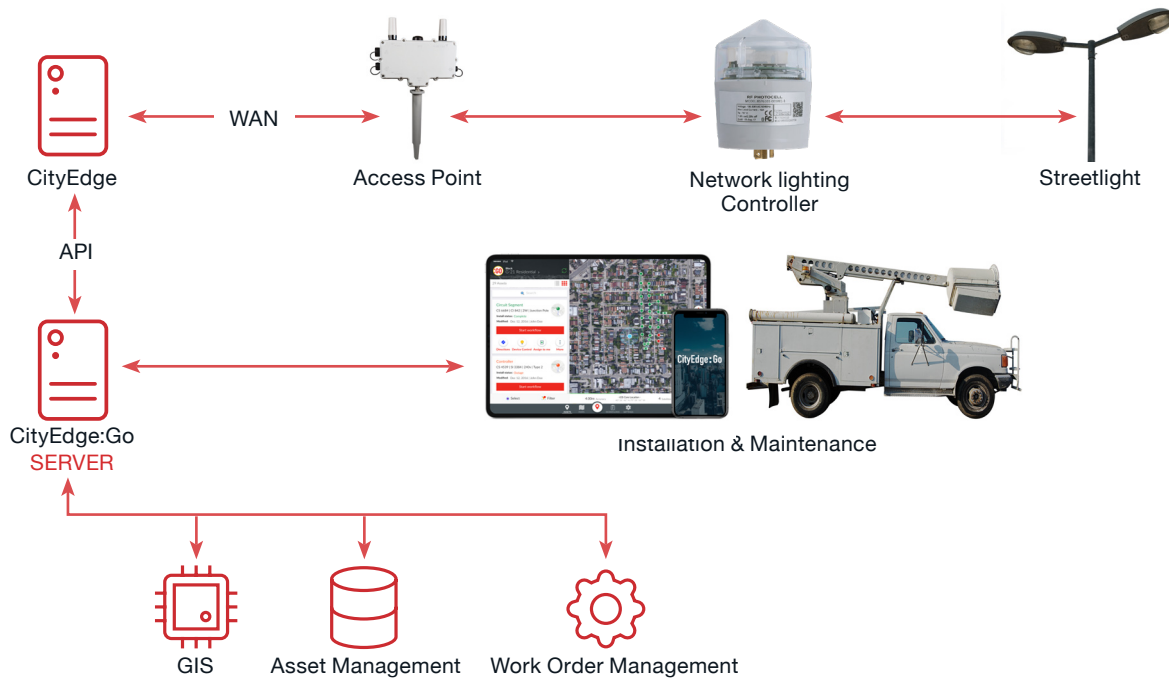


Figure 1: CityEdge:Go out-of-the-box integration with CityEdge Platform

The following is an overview of currently available all the included and optional modules:

CityEdge Platform with CityEdge:Go Installation (included)

- » Foundational smart lighting management platform with included Installation module to accelerate installs and compress deployment schedules.
- » Manage dimming schedules of Networked Lighting Controllers (NLCs), groups, events.
- » Collects lighting and metering data.
- » Billing reports, energy savings and carbon analysis.
- » Automated firmware upgrade for new features and bug fixes.
- » Mobile application accelerates installs, commissioning and reduces errors.

CityEdge:Go Maintenance

- » Diagnostic workflows to improve troubleshooting and lower operating & maintenance costs.
- » Step-by-step diagnostic module workflows.
- » Control one or more lights from a phone or tablet.
- » Outages, failure reports and meter readings on application.
- » View street level imagery to improve site preparation.
- » Automate remove/replace data updates with mobile code scans.



Figure 2: CityEdge Field Application

CityEdgeGo: Planning

- » Improves GIS data quality and enhances efficiency.
- » Conduct field audits to verify and update streetlight data.
- » Optional AI to auto-detect streetlight poles and equipment from imagery.

CityEdgeGo: Inventory

- » Automates and enhances asset tracking, supply chain and warranty management.
- » Track all streetlight assets and components through full lifecycle.
- » Use mobile application to scan pallets, boxes, nodes and fixtures.
- » Monitor inventory levels, locations and movements.
- » Identifies supply chain issues before impact.
- » Protects and secures cyber assets.



CityEdge: Work Orders

- » Increases efficiency with rules-driven failure analysis, ticket creation and dispatch.
- » Configurable rules engine optimizes operations efficiency.
- » Automates assigning, routing and sequencing maintenance work.
- » Consolidates related alerts, outages and customer calls.
- » Reduces back-office work and manual dispatch operations.
- » Automates crew notifications and work order priority in application.

CityEdge: Community

- » Engages citizens and customers using the same shared platform and data.
- » View all lights within your service territory on a publicly available map.
- » View public maps on any web browser, mobile phone, or tablet.
- » Known outages are displayed to prevent duplicate outage reports.
- » Improves status communications, data quality and efficiency.

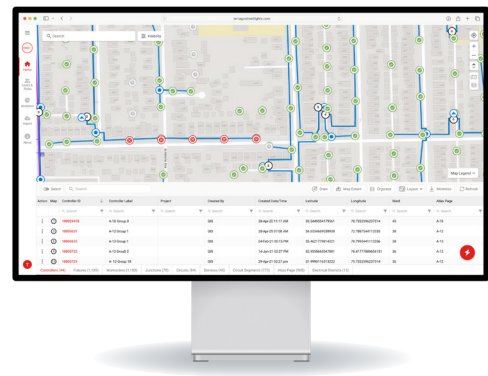


Figure 3: Work Order Module

PROVEN SUCCESS

Utilities and cities across the world have adopted CityEdge and CityEdge:Go to streamline smart lighting installation and management. In the United States, the City of Chicago rapidly deployed 75,000 streetlights in the first 12 months of its project, 20% more than yearly average, which translates into schedule compression of 10 months, and savings of \$10 million. In the City of Richmond Hill, Canada, CityEdge:Go helped them accelerate project completion by 6 months when compared to using legacy tools, thus generating savings of over \$400,000.

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