

Street Lighting Solutions for Smart Cities



SMART PERFORMANCE

- Smart system that performs every function managers, engineers, technicians & electricians want

SMART CONTROL

- Scalable and flexible without the need for network configuration.

SMART OPERATIONS

- Managed by Trilliant Street Light Control Management (SLCM), an intuitive software platform that can configure, control and monitor your systems in real time.

QUICK INSTALLATION

- One Controller can control, meter and monitor without any wires and is universally adaptable.

The Trilliant Street Lighting control and monitoring platform of relays, controls, sensors and interfaces is an all-in-one range of products designed to configure, control, monitor and meter your street lighting sources and all voltage, with proven quality and reliability and control experience. From lighting, parking management, traffic management, pollution monitoring, waste management, and public safety, we believe that street lights are an enabler of smart city services.

Our street lighting solution leverage's the Trilliant communications platform that includes an integrated, multi-technology approach that supports both mesh and point-to-multipoint wireless deployments. The solution is fully integrated with our comprehensive network management and UnitySuite® Head End System. We help you to optimize your total cost of ownership, network capacity, roll-outs, and multi-services smart city support while enabling you to choose the right combination of technologies that best fit your needs today and tomorrow.

EXPERIENCE YOU CAN COUNT ON

The next generation of smart grid and smart cities solutions must be built on an open and secure network that allows frictionless exchange of data and we believe that our architecture will propel the energy industry to a bright future with an integrated solution that is flexible, standards based, scalable and connected. Our advanced technologies, designed to work with virtually any system, provide a secure, powerful source of connectivity and data now and for generations to come.

At Trilliant, we make our customers future-ready through innovative software and communications solutions.

WE EMPOWER YOU - BY CONNECTING THE WORLD OF THINGS®





TECHNOLOGY AT A GLANCE

Proven Technology

- Over 10 million connected devices

Energy Efficient

- Up to 75% energy savings when deployed in conjunction with LED lights

Low Total Cost of Ownership

- Up to 40% operational savings through control and monitoring

Secure & Upgradeable

- Robust multilayer security with end-to-end AES-128 encryption
- Over-the-air configuration and firmware upgrades

Scalable

- Economic scalability from small pilots to metropolitan or countrywide deployments

Flexible

- Redundant, auto-healing, auto-configuring LPWAN, SecureMesh™ network and open standards such as IEEE 802.15.4g
- For any voltages between 100V and 347V, whether it is 50Hz or 60Hz

Smart Performance

Smart wireless control, monitoring, and metering system that performs every function managers, engineers, technicians, and electricians want:

- Energy savings
- Maintenance and operational cost savings
- Remote access from anywhere
- Rapid notification of issues
- Extensive reporting
- Hands on management
- Enhanced safety and security
- Seamless integration to other systems

All these functions are embedded into one Controller, ready to control any type of lighting source using standard leading brand products.

Smart Control

You can scale your system without ever having to use a router or configure network components. Each fault tolerant controller is a complete logic processor on its own. Trilliant's Street Light Control Management software offers a platform to connect and control anything from two Controllers to a million or more spread across municipal or commercial locations array of sensors.

Smart Operations

The Trilliant street light control Controllers are managed by Trilliant Street Light Control Management (SLCM) software; an intuitive software platform that can configure, control, monitor and meter all of your smart street lighting systems.

Available in architectural view, or zoom & pan mapping views, you can observe real-time monitoring, receive instant alarm notifications from faulty lighting equipment anywhere on a network while increasing a network's efficiency and maintenance operations. The controller complies with industry standard protocols and is controllable from wireless devices.

Smart Installation

One Controller can control, meter and monitor any lighting source without running wires. The controller universally adapts to any fixtures and systems, ballasts and drivers. Controller installation is quick and simple, whether inside or outside the fixture. This new system is the only one that works with all your preferred lighting sources to instantly save more energy and associated cost.

Street Light Network



401 Harrison Oaks Blvd, Suite 300
Cary, NC 27513
www.trilliant.com

©2020 Trilliant Networks Inc. All rights reserved. All trademarks are the property of their owners. This material is provided for informational purposes only; Trilliant Networks Inc. assumes no liability related to its use and expressly disclaims any implied warranties of merchantability or fitness for a particular purpose. All specifications, descriptions, and information contained herein are subject to change without prior notice. BR10005/TN AUG2020