



**Trilogy**  
NextGen



Smart Lighting

## **Intelligence Illuminated**

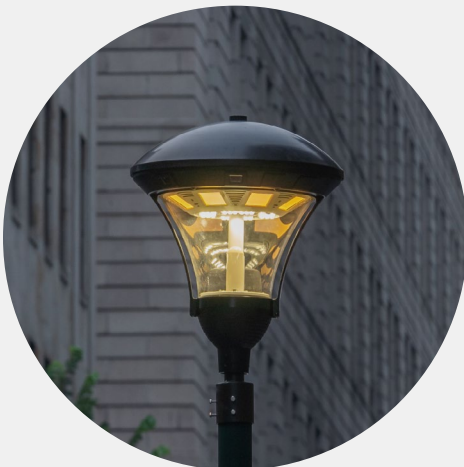
Lights that light, see, connect and think

Today's intelligent lighting can do a lot more than illuminate. Armed with sensors, wireless connectivity, AI processing and analytics, smart lights protect and communicate, facilitate and think. More than creating an intelligent and connected environment, a smart lighting platform can provide the backbone for your smart city network. Trilogy NextGen and Juganu make it easy.

We help you convert your existing lighting fixtures into a unified and powerful digital platform that enables a wide range of services and capabilities. High-speed wireless connectivity, CCTV monitoring, traffic management, dynamic lighting and more. All running on your existing lighting infrastructure.

As a single-source solution integrator, we provide all the hardware, software and network connectivity needed, eliminating the added cost and frustration of a multi-vendor piecemeal project. The result is a win-win-win for you, your bottom line and your end users.

**Your phone is more than a phone and your computer does more than compute—expect nothing less from your streetlights.**

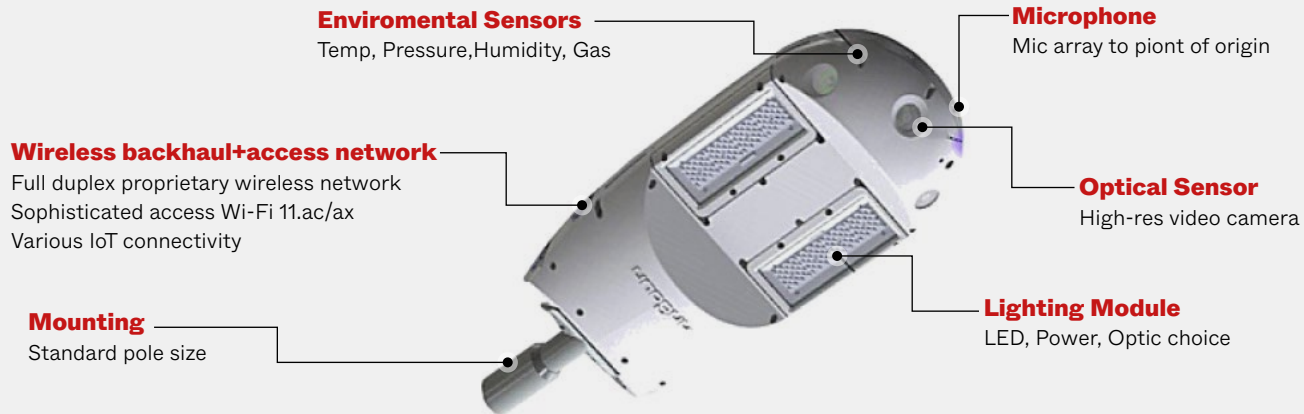


- Enable data-driven decisions and better planning with AI and distributed far-edge analytics.
- Reduce electricity use and operational costs by up to 80% vs high-pressure sodium lights.
- Design and deploy an entire intelligent lighting platform in a matter of weeks.
- Eliminate the cost, delays and frustrations of a fragmented, multi-vendor solution.
- Deliver a full range of smart city services with a single solution.
- Available in two form factors for different settings (city streets, neighborhoods, parks, campuses, etc.)



## Intelligent Lighting, Customized Connectivity

A smart lighting platform from Trilogy NextGen and Juganu serves as the eyes, ears and brains of your smart city network. Each light head is a digital hub that takes just minutes to deploy.



All data rides on a high-speed, layered mesh network that's customized to your needs and makes the best use of your existing network capabilities.

### Device layer

Each light head incorporates edge computing, wireless access, sensors and smart lighting to collect and transfer data via wireless backhaul.

### Shared Data layer

Collected data from the platform is processed and transferred to the cloud where it can be integrated with third-party services.

### Application layer

Native and third-party apps enable security, analytics, traffic analysis, parking management, and more.

## Smarter Outcomes

**Public safety:** Count and categorize people and vehicles; monitor air quality; read license plates; identify distress calls, suspicious activities and situations.

**Parking and traffic:** Monitor and manage traffic flows and availability of public parking; measure and analyze vehicle counts to improve planning.

**Connectivity services:** Support 5G connectivity; broadcast emergency alerts; deliver timely information to increase civic participation and engagement.

**Planning and management:** The unified lighting grid creates a connected digital environment that gathers data, analyzes it at the edge then presents it to you for data-driven decisions.

## Smarter Digital Transformation

Trilogy NextGen crafts integrated solutions that bridge the gap between connectivity, intelligence and automation. Architects of digital transformation, we design seamless experiences that are simple, reliable and secure. Our expertise empowers organizations to thrive in today's ever-evolving digital world.

To learn more about intelligent smart lighting platforms from Juganu and Trilogy NextGen, contact your Trilogy NextGen representative.