



Put brighter ideas to work.

Solution brief

What if you could do even more than reduce energy costs?

Everyday street lamps use a lot of power. That's why many municipalities and businesses are upgrading their aging street-lighting infrastructures with energy-efficient LEDs and smart controls. With the right solution, you can save millions of dollars in energy and maintenance each year, while gaining increased control, actionable data and even additional income.

Verizon Intelligent Lighting is a versatile, energy-efficient alternative to traditional street lights. The cloud-based platform enables both manual and automated control of lights, and transforms fixtures into smart technology hubs that capture and transmit data in near real time.

Gain new control, capabilities and insights.

Verizon Intelligent Lighting makes it possible to regulate light levels in ways you never imagined. You can control them manually, both individually and by group, or you can program them, using features like scheduling and photo-control.

The platform enables new capabilities, too, including monitoring, diagnostics and alerting, as well as utility-grade energy metering. That means no more driving around searching for failed lights or auditing inventory, so you save time and money on maintenance. That's in addition to the energy savings. Plus, Verizon Intelligent Lighting is easy to install and commission. And no gateway to troubleshoot means no IT support is needed.

For additional control and system flexibility, NetSense™ Lighting application programming interfaces (APIs) allow you to create your own lighting control interfaces, in addition to the existing NetSense Lighting application user interface provided by Verizon.

Both the NetSense Lighting application user interface and the APIs provide the following functionalities:

- Node and lighting control
- Node setup
- Node commissioning
- Lighting scheduling setup
- Asset management
- Status monitoring
- Energy reports

Increase public safety and engagement—and revenue.

With Verizon Intelligent Lighting, you can improve community safety with:

- Crisp, white LED lights that help people see more clearly
- Lights that are on when and where they are needed
- Internet of Things (IoT)-connected nodes that can broadcast notifications

Be future-ready with the Verizon City Hub.

For a smart and forward-thinking start to your intelligent street-lighting project, you can begin with the Verizon City Hub. It's a smart, LTE/Wi-Fi-enabled device that:

- Simplifies power and connectivity for intelligent street lights and other IoT devices
- Adds high-bandwidth, edge-processing capabilities
- Provides a platform for future smart cities and communities solutions

With our City Hub, you can easily perform advanced lighting control, as well as add sensors such as Video Node 4K for video analytics, Intersection Safety Analytics and Parking Optimization. In addition, the City Hub is equipped with Power over Ethernet (PoE) and audio connectors that can support a variety of future smart solutions.

Why Verizon





When it comes to community infrastructure, the network matters. We're America's largest and most reliable 4G LTE network. And we're hard at work putting together the nation's most advanced 5G network.

Plus, we can deploy at any level, from end-to-end, city-wide solutions, to individual business projects. We'll match our solution to your needs—and your budget.

70%

Some communities are showing even greater energy savings—as much as 70% more with lighting controls.*

Verizon Intelligent Lighting bundle options:

-  Verizon City Hub or LTE Core Node
-  NetSense Lighting APIs
-  Connectivity software/application
-  Professional Services

Contact Verizon.

To learn more about Verizon Intelligent Lighting, please contact your Verizon Wireless business specialist.