

Put brighter ideas to work.

What if you could do more than reduce energy costs?

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Everyday street lamps use a lot of power. In New York City, lighting uses approximately 295.5 million kWh, which costs \$50 million a year.¹ More and more cities are starting to retrofit street lights with energy-efficient LEDs. The new lighting can save cities millions in energy and maintenance per year.

LEDs also provide better light—a crisp white light that helps people to see more clearly at night. Compared to high-pressure sodium and metal-halide fixtures, LEDs are a more sustainable choice. LEDs last longer, which means fewer outages and lower maintenance costs. The wattage per bulb is also lower, so it costs less to run.

Some communities are showing even greater energy savings— as much as 70% more with lighting controls.²

But better, cheaper lighting isn't the whole story. LEDs are essentially electronic devices, so you can connect them to control systems. With new integrated technologies, like Verizon Intelligent Lighting, your infrastructure can be more than a wattage saver. It's a gateway that can connect many Internet of Things technology solutions. These solutions can help municipalities provide a safer environment for its citizens.

Better services for your community.

Verizon Intelligent Lighting makes it possible to regulate light levels in ways you never imagined, by dimming them or switching them off when no one is around.

- Sensors can help improve visibility.
- Switches and dimmers can be remotely managed and reduce maintenance costs.

Timely engagement with the public.

Networked street lights will transform the way you think about everything from public safety to profitability.

- Digital signage, video and music can prompt interest in events or drive advertising revenue.
- Environmental sensors can trigger alerts based on light, moisture or sound levels.
- Emergency notifications can be broadcast.

Intelligent Lighting is one of many smart solutions that will integrate with other Smart Cities applications, over the Verizon network.

Why Verizon

When it comes to community infrastructure, the network matters. We offer America's largest, most reliable 4G LTE network. Our testers drive a million miles a year to make sure your service is working as well as possible. Nearly all of our towers have backup generators to keep them working during blackouts. Because reliability means you can depend on us whenever you need us.

The Intelligent Lighting bundle options:

- LED/luminaire bulb hardware
- Light poles
- Electronic control module
- Connectivity software/application
- Professional Services
- Analytics

And we don't stop there. We work with industry experts to provide revolutionary devices and applications, enterprise-grade cloud technologies and machine-to-machine (M2M) innovations that transform the way devices interact. Our expertise in connected technologies has helped form the Internet of Things.

Ninety-eight percent of the Fortune 500 rely on our services and technologies. And we're a leading communications and wireless service provider to the public sector. More coverage, fast speeds and the most reliable 4G LTE network. So you can protect what's important, with help from a trusted partner. Verizon.

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1 Green Light: Sustainable Street Lighting for NYC, NYCDOT, 2009. <http://www.nyc.gov/html/dot/downloads/pdf/sustainablestreetlighting.pdf>

2 Dan Utech, "Launching the Presidential Challenge for Advanced Outdoor Lighting," The White House Briefing Room Blog, January 23, 2015. <https://www.whitehouse.gov/blog/2015/01/23/launching-presidential-challenge-advanced-outdoor-lighting>

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Contact Verizon

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