

An aerial night photograph of a city. In the foreground, a multi-lane highway curves through the frame, with light trails from vehicles. To the right, two tall, modern skyscrapers with glass facades are illuminated from within. A network of green lines and dots is overlaid on the image, connecting various points across the city, including the highway and the buildings, symbolizing a connected infrastructure.

BrightSites

by @signify

Connected City through Lighting

Leverage your existing lighting grid to bring
broadband connectivity to your city

What is BrightSites?

If you are serious about extending broadband throughout your city, BrightSites is what you've been waiting for.

BrightSites transforms legacy street lighting infrastructure into a platform of scalable broadband connectivity. It removes barriers of entry including trenching fiber to every location and requires only a fraction of time and costs compared to traditional methods of extending broadband connectivity.



Light is everywhere

Your streetlight spans the length and breadth of your city



Broadband connectivity

Everyone gets ubiquitous high-speed broadband connectivity



Speed to market

No need to trench fiber
Plug and play installation

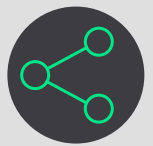


Low cost

Up to 80% lower deployment cost

Scalable e2e solution

Scalable solution for multiple broadband applications simultaneously



Aesthetic solution

Integrated solution maintains the city landscape



New revenue stream

New revenue streams from private network



Sustainable solution

Save 95 tons of CO2 emission per km by avoiding fiber trenching

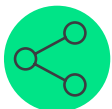


The Connectivity Grid of the Future

BrightSites is aimed at transforming outdoor lighting to facilitate a wide range of smart city use cases such as public Wi-Fi, traffic optimization, public safety, smart waste management, pollution monitoring and much more.

The same platform enables data densification applications such as small cells, Wi-Fi, Fixed Wireless Access, CCTV cameras, and high-bandwidth sensors.

The Connectivity Grid of the Future creates a backbone for the growing demand of Broadband and IoT initiatives that optimize city operations and improve quality of life for citizens.



4G/5G Small Cells



Wi-Fi



Fixed Wireless Access



High-Definition CCTV
Cameras



High-Bandwidth Sensors

Safety & Security



Public Wi-Fi



Telehealth



Traffic Optimization



Pollution Monitoring



Smart Waste Management



Mobile Connectivity



Data Offloading



Customer Success Stories



Virginia, U.S.

The Virginia Smart Community Testbed in the US Launches first Broadband Connectivity Project with Signify

[Read the full story here](#)



Arizona, U.S.

Creating a smart city with streetlight data networks in the City of Mesa, Arizona

[Read the full story here](#)



London, U.K.

Aesthetic BrightSites solution in dense urban area to maintain city landscape in the heart of London

[Read the full story here](#)



Tampere, Finland

Signify delivers wireless connectivity through existing streetlight infrastructure in the City of Tampere

[Read the full story here](#)



Connected Lighting



Broadband Luminares



Smart Poles



Digital Smart Hubs

To learn more, go to
www.signify.com/brightsites | brightsites@signify.com