

An aerial photograph of a city square, likely in Tampere, Finland. A green network of lines and dots is overlaid on the image, representing the BrightSites lighting grid network. The network consists of numerous green dots connected by thin green lines, forming a complex web across the city square and surrounding areas. The background shows a large circular plaza with a central monument, surrounded by buildings and streets with cars.

BrightSites

by Signify

Lighting Grid Network to deploy 5G and improve city services

The opportunity

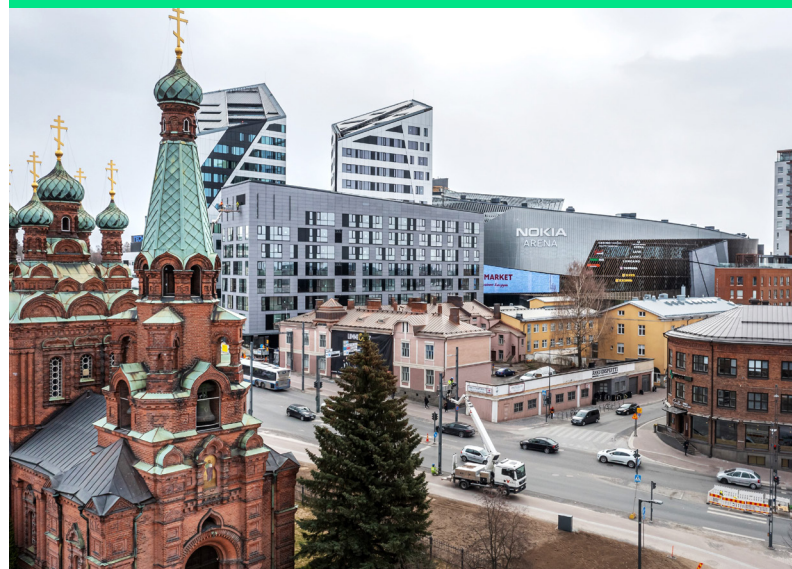
Tampere's ambition is to create the most sustainable society using the power of digitalization and technology. It is using and testing diverse new technologies to advance on their digital agenda, aiming to improve digital services and provide a highly connected environment. The ultimate objective of the city is to become a human centric city and the use of connected solutions shall accelerate this goal.

The solution

The City of Tampere introduced the BrightSites solution and embedded a wireless gigabit network in the lighting fixtures, creating a neutral host network that offers the full granularity of the lighting grid, as opposed to the more limited fiber point-of-presence. It accelerated the deployment of their Smart City agenda with multiple use cases on a single platform.

“Tampere's ambition is to create the most sustainable society using the power of digitalization and technology. We are building a human centric society that benefits unrivalled opportunities for our citizens and businesses. It's a society that lives on real time data driven actionable insights. We have partnered with two industry leading companies Signify and Edzcom to create the foundation of such a society. With their technology and services, Tampere aims to achieve the leap forward in its ambition to create the society we strive for.

Teppo Rantanen, Executive Director, City of Tampere



IoT Broadband Applications



CCTV



Private LTE

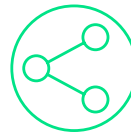
Benefits of BrightSites Solution



Time to market in lighting speed



Ultra high bandwidth



Future proof infrastructure



Sustainable solution



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