



BrightSites

by Signify

Signify BrightSites delivers Broadband Connectivity to Cardiff's City Centre

The opportunity

Cardiff, a vibrant and densely populated city aims to provide reliable connectivity to its residents, businesses, and visitors. The existing infrastructure is enhanced to meet the growing demand for high-speed internet, impacting local businesses and the overall visitor experience.

The solution

Signify's BrightSites solution utilizes existing streetlights to create a connectivity platform that delivers high-speed internet in a sustainable and efficient manner. By transforming streetlights into broadband hubs, BrightSites provides a city-wide data network enabling public Wi-Fi and a private 5G network, offering seamless internet connectivity to residents, businesses, and tourists. This project significantly improves internet access in densely populated areas, supporting the local economy by enhancing services and boosting sales.

“By making digital connectivity freely accessible, Cardiff empowers its community, fosters innovation, and strengthens social equity for all. Cardiff is leading the way in digital inclusivity by delivering free, high-quality public Wi-Fi to citizens and businesses, whilst also providing a testbed for private 5G networks. Through Signify's innovative solution, both technologies are seamlessly integrated to provide internet access via non-intrusive luminaires, which are both aesthetically pleasing and fit perfectly with the character of the surrounding area, whilst blending invisible radio technology into the City's infrastructure.”

Isabelle Bignall, Chief Digital Officer, Cardiff Council



IoT Broadband Applications

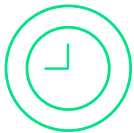


Public Wi-Fi



5G

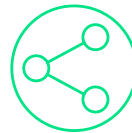
Benefits of the BrightSites Solution



Time to market in lighting speed



Ultra high bandwidth



Future proof infrastructure



Sustainable solution



To learn more, go to
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