



4site's role in the Smart Cities Eco-system

4site has been at the forefront in developing the right infrastructure for Smart Cities.

At 4site we survey, plan, design, build and maintain network infrastructure for companies that own and/or operate networks for Smart Cities.

These citizens first Cities are going to give us a connected and collaborative urban future.

Survey – accurate technical information is critical for the success of the design & deployment of the network.

Design – we provide High Level Design, Detailed Design and an automated design service for rapid design iterations. Risks are designed out; accurate routing and the most efficient network architecture is provided.

Planning – putting the tools and processes in place, while identifying construction constraints and risks are key elements of the planning process.

Materials Selection – we take into account quality, cost, ease of deployment and maintenance as critical components in the selection process. Provision of accurate BOM for cost certainty.

Build Management – we'll manage and resource the build phase to ensure delivery to design parameters and success metrics.

Maintain – it's vital to maintain accurate records of the infrastructure which 4site can accurately achieve through digitisation.



Expertise results in faster execution!

4site has a wealth of experience in all aspects of survey, design & build that is required to deliver the Smart Cities of the future. These include:

- Small Cells
- Wireless Networks
- FTTX – Fibre Networks
- Power
- Digitisation
- Planning
- Acquisition
- Wayleaving & Consenting
- EV Charging

Infrastructure is vital

At 4site we understand that without the adequate infrastructure, there won't be any Smart Cities.

For any operator including "Smart Governments" considering building a neutral host network, some of the key requirements include:

- Small Cells
- Street Furniture
- Smart Kiosks

These alone won't make a smart city, all the smart devices in the IOT need fibre to connect them together. It's gone beyond IOT, it's now IOMT which relies on taxis, public transport, rubbish trucks and private cars to connect everyone together. This will enable us to achieve circular data.

Some key uses in a Smart City

- Digital Signage
- Smart Street Lighting
- Traffic Control
- Smart Bin Collection
- Smart Public Transport
- Autonomous Driving

Why 4site?

4site are in a unique position given our well-established telecoms background rolling out wireless and fibre broadband on both side of the Irish Sea.

This coupled with our electric vehicle charging subsidiary 4charge puts 4site in the perfect position to build the smart city infrastructure of the future.

- Independent interface and facilitator of all stakeholders
- Mobile teams can complete network audits and capture data in the field 50% more quickly
- 20% savings during the build phase, due to more accurate data

Contact us

Feel free to contact us to discuss your requirements!

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