



Predictive Wireless Survey

For organisations looking to install a new wireless network, a predictive survey is commonly considered the first step on the ‘wireless journey’. For those seeking to optimise an existing wireless network, a predictive survey from Datrix provides a cost-effective and non-disruptive way of getting started.

Wireless networking has become the connectivity of choice for many, as it provides scalable and agile access to business-critical data and applications; a core component of the ‘digital enterprise’.

In addition, for many organisations, the provision of wireless guest access to the internet is considered an essential, not a luxury.



Work has become something people do, rather than somewhere people go. The world has embraced mobile and agile working, so wireless networking has become the new normal. Poor wireless connectivity can have a negative impact on user experience, productivity and even staff morale.



Predictive Survey

A predictive wi-fi survey is a virtual survey. It doesn't require a site visit, so can be carried out faster and more cost-efficiently.

Working from detailed CAD files or site plans, our network engineers will design a wireless network that guarantees coverage throughout your facility and is tailored to your business needs and the unique characteristics of your site.



Datrix has delivered predictive surveys for a broad range of business and life-critical networks, from distribution centres to primary care trusts.



When designing a wireless network, there are several variables to take into consideration, these include:

- > Physical size of your premises
- > Wall/ceiling materials and thickness
- > Bandwidth requirements
- > Potential sources of interference
- > Number of connected devices
- > Type of apps which will depend on the WLAN
- > Quality of Service requirements for those apps

Once these have been established, we can design a wireless network that will not only deliver against your objectives for today, but provide the scalability and agility required to adapt to your business needs as they evolve over time.

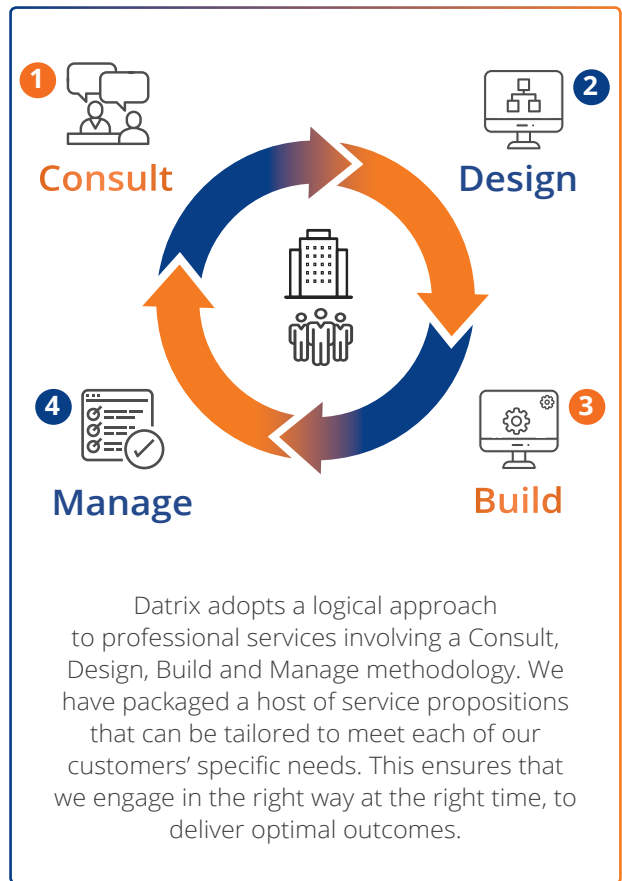
Our wireless installations provide 24/7 connectivity for some of the UK's critical network infrastructure.

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A predictive survey from Datrix is a low-cost way to scope a preliminary Wi-Fi network design and determine the number of APs required to deliver good coverage. It includes a fully costed proposal, a coverage map and a statement of works, with estimated delivery timelines.

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A predictive survey is often used to support the development of a budget or business case for a wireless network and may be followed by an on-site wireless survey, which includes the testing of signal attenuation, to deliver the final, detailed network plan. Single site surveys are typically provided free of charge. Multi-site surveys are likely to incur a cost.



Datrix is a leading **Smart Infrastructure** and **Cyber Security** Solutions provider.

Established for over 25 years, digital transformation is the driving force behind the evolution of Datrix services and solutions. Our professional and technical services teams adopt a consultative, client-centric approach that sees us design, build and manage superior solutions.

Our critical networking, communications and cyber security solutions are the preferred choice for the nation's key institutions as well as public and private sector organisations seeking to address the business challenges of compliance, performance, availability and affordability.

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