# Internet of Things Services & Solutions





North is the UK's leading provider of Internet of Things, Networking & Connectivity and Safety & Security solutions.

We provide access, expertise and guidance to the transformative power of IoT. Our expert teams help you identify IoT opportunities, then work alongside you to design and implement real-world solutions that deliver clear operational and business benefits. We also manage the service for you, on an ongoing basis.

# **Experience**

Our experience is unrivalled, we've been trusted to deliver large-scale IoT projects for organisations across the UK, including building health, citywide intelligent street lighting and smart waste solutions. We were entrusted by the Scottish Government to design and deliver Scotland's national IoT network – the largest and most advanced IoT network in the UK. We offer direct access to that network and our wider network platform throughout the UK through a simple, cost-effective pricing model – opening up the power of IoT to all organisations, from start-ups to multinationals and the public sector.

We have provided smart devices and networks to large organisations, housing associations, cities and local councils that impact and improve building health, safety, air-quality, river levels, lighting, water monitoring and more. The possibilities are endless and the transformative potential huge.

#### **Our Services & Solutions**

We can help you utilise IoT technologies to connect the real world to the digital and turn information into action. We help you explore the possibilities, and we deliver practical, working, end-to-end solutions. We also offer a fully managed offering, providing the intelligence you need at a predictable ongoing cost.

## Connectivity

We can help your organisation use the Internet of Things to reduce costs, improve operating performance, and enhance the value that you deliver to your customers. Working in partnership with you, we will provide simple connectivity solutions to meet your exact needs, whether through our Gateway as a Service (GaaS) or our tailored end-to-end solutions that are easy to manage and maintain. Our complete independence means we are free to select the right technologies and vendors for your unique IoT-driven requirements.

#### **Dedicated Support**

Our dedicated IoT teams include connectivity specialists, sensor experts, solutions designers, and software professionals. While other suppliers theorise and discuss the potential of IoT, North has years of practical experience at the forefront of real-world IoT delivery from national networks to individual systems, smart buildings and businesses.

## **IoT Accelerator Packs**

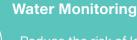
If you are looking to benefit from the Internet of Things, but don't know where to start, our IoT Accelerator Packs offer the ideal solution. Developed to allow organisations the opportunity to investigate and evaluate the transformative power of IoT enabled solutions, the packs offer everything required from sensors and connectivity to expert advice and support.





### **Waste Management**

Inform and prioritise collection dates, streamline services and plan for efficient routes that reduce fuel consumption and lower carbon emissions. Detecting fill levels and capturing data in real-time helps you understand usage trends and patterns and allows you to work more effectively and efficiently, avoiding overflowing bins which carry the risk of environmental health complaints.



Reduce the risk of legionella and bacterial water contamination and reduce the threat of dangerous water system

against set parameters, helping to identify and address hazards quickly and effectively, ensuring defined in the Health & Safety at Work Act.



## **Air Quality**

Identify air pollution risks in real-time and take addressable action fast to keep people and places safe and healthy. Continuous measuring and

monitoring of environmental air pollution levels make it easier and quicker to identify the sources of pollution, spot trends and take action when levels are breached.



Improve productivity, comfort and even absence rates. High levels of CO<sub>2</sub> within a building are an indication of poor air quality which help transmit any airborne

viruses present, as well as causing headaches and drowsiness. Measuring CO<sub>2</sub> saturation levels in buildings and capturing insightful data in real-time allows for corrective actions to be taken to better manage working and learning environments.

#### Interested?

Our IoT solutions are not just insightful and deliver transformative benefits, but they are affordable and effective, they help create safe, healthy and productive environments and deliver operational and service improvements.

If you are ready to revolutionise your organisation and benefit from the transformative outcomes the Internet of Things delivers, then contact us to find out more.

