

# Start your IoT journey with us

We help all kinds of businesses to take advantage of IoT

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## What are you trying to achieve?



It starts by having a clearer understanding of how IoT will help you solve your business challenges.

### Why work with us?

We've been working on IoT projects for 25 years.

We're proud to be the Communications Service Provider for two of the three regions in the governments Smart Metering Programme, providing connectivity to millions of energy meters across Great Britain.

So we know what it takes to turn the potential of IoT into reality.

- **For our expertise:** Our dedicated IoT experts will translate your business goals into solutions that fit your needs
- **For our service:** You'll have a dedicated O2 account team plus a specialist IoT helpdesk
- **For our flexibility:** As your needs change, we'll adapt so you continue to get value from your IoT ecosystem

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## Let's start with the connectivity you need

There are various types of connectivity, such as good old 2G, 3G, 4G and now 5G. Now we have newer LPWAN technologies (Low Power Wide Area Networks). This includes LTE-M, a licensed network that is a key enabler for connecting IoT devices at scale.

Depending on your business needs, we'll choose the best connectivity to fit.

### LTE-M only from O2

LTE-M is only available from O2 and will be nationwide in 2021.

It's a secure licensed network and rolled out using the current 4G network infrastructure.

As a low power network, devices can go without charging for up to 10 years. It's also fast and has the lowest latency of any LPWA technology.

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## Providing you with the right hardware

Whatever your need, we can help you choose the best hardware from O2 and our selected partners. And provide the sims to power your IoT devices. There's a choice of standard plugin, micro, nano or solderable/industrial sims.



### Unlicensed

LoRa  
SigFox

### Licensed

LTE-M  
NB-IoT



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## Let's help you manage your IoT devices and sims in the field

We'll provide the visibility and control of your IoT devices and sims using O2 Smart Connect.

### What is O2 Smart Connect?

O2 Smart Connect is a billing and provisioning platform that will help you manage your entire IoT device and sim estate.

- Making it easy for you to activate, deactivate and suspend devices in the field
- Supplying better IoT lifecycle management with the ability to make instant changes to sims
- Providing smart, rule-based toolsets with alerts to help optimise costs
- Using real-time diagnostics to cut support costs and improve customer experiences of your device and sim estate

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## Get a ready-made solution

Whatever your requirement is, we have a range of solutions likely to suit your needs.



### Asset Tracking and Monitoring – to manage all your assets

- Monitoring equipment and infrastructure like hospital equipment, water pipes and wearable technology such as health monitors
- Tracking goods leaving warehouses right up to their final destination
- Managing temperature checks and automated door controls in smart buildings

### Smart Vehicle – making industry-leading telematics accessible for fleet managers and vehicle leasing companies.

- Simple, plug-in-and-play devices offer more data
- Insights reduce fuel, repair and unscheduled maintenance costs

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## Learn more from your IoT

As our world is becoming increasingly connected, our IoT devices collect and share even more data. This data may help streamline your business, reduce cost, and look at other solutions to help your business grow.

## Let's get started

If you're ready to get started with IoT:

[Contact us now](#) to talk to our IoT team

Call us on 0800 955 5590 or visit our [website](#)

[Read more about LTE-M](#) and how it compares to other LPWAN technologies.

"The O<sub>2</sub> solution is unique... no one else could get that detailed information from on-board diagnostics..."

Tom Lyndon  
Van Elle