



QUICK GUIDE TO IOT

Do you have the
**GLOBAL
COVERAGE**
your IoT services need?



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The importance of global coverage for IoT services

IoT connectivity is driving new opportunities for your business, enabling you to offer new remote capabilities, collect valuable field data and provide essential reporting.

To enable this, your solutions must be fitted with communications capabilities, which means they need SIMs to allow connectivity to the mobile network.

But, if your business is enjoying growth from new markets or has ambitious export plans, you need to think about how your equipment and devices can easily and reliably connect to any mobile network – irrespective of the country and location in which they are deployed.



Reliability, wherever your IoT solutions are deployed

If you are shipping equipment and solutions, you'll probably be planning to integrate IoT capabilities to your fleet.

That means you need reliable connectivity that can work wherever your solutions are deployed – in any country and in any location.

To succeed with IoT, you need a mobile connectivity solution that can easily be integrated with your equipment and machinery. You need assured connectivity and coverage, backed by performance guarantees and with full control to manage your deployed fleet.

Here's what you need to ask a prospective IoT partner

- ✓ Reliable coverage in any country or location?
- ✓ Easily integrated with your equipment and machinery?
- ✓ Assured connectivity backed by performance guarantees?
- ✓ Full control to manage your deployed fleet?

What does 'out-of-the-box really mean?

Out-of-the-box mobile connectivity just works.

It means you can activate a SIM, securely and remotely, wherever it is and it will connect to the right network to secure the best coverage for your equipment. That's a key requirement when you're shipping solutions globally. You need to be sure that they will immediately connect to the network and maintain connectivity.

Some SIMs use a technique called 'steering', which means they are directed to a specific network.

That's not suitable for global deployments, because the preferred network may not be available in each location.

If it's not, then manual intervention will be required, wasting time and money. Flexibility matters to maximise efficiency and reduce costs – you need a solution that will connect as soon as it's activated and maintain connectivity, even when network conditions change.

Can you control network selection?

There's a number of reasons why you might need to control network selection.

For example, you may wish to use a preferred roaming partner in a particular location, or you may wish to change providers. In both cases, you need the flexibility to specify the provider and to migrate from an existing provider to another.

Most solutions either force you to use a specific operator or lock you in to a long-term contract which means you are not protected against price changes.

You need to be sure that your SIM provider gives you the flexibility you need to select roaming partners, while enabling connection to an alternative if this is unavailable, as well as to allow you to migrate to another, should new pricing become more attractive.

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Simplifying connectivity to support growth

IoT services need to scale to meet the success of your business.

As you grow and deploy more devices, you need to be able to easily manage connectivity, manage your device fleet and manage their operational performance.

That's why you need a solution that takes care of all of this, from activation, connection and ongoing management, while you scale and deploy more devices wherever you need them.

Global connectivity checklist - what you need to look for

- Connectivity to the network you need
- Backup connectivity to other networks
- Global coverage, to ensure you can deploy anywhere
- Flexibility to change providers, should you wish to do so
- Simple management, with operational control
- Robust security, with options to meet your needs
- Complete visibility of your devices, from location to status and more



JT – the unique, global IoT connectivity provider

JT's services are unique, due to the truly global coverage delivered, spanning more than 700 operators and more than 700 roaming agreements.

Offering the flexibility and agility of an integrator, with the global reach and network control of a Mobile Network Operator, JT has more than 120 years of heritage. We're a strategic asset of the local government, the State of Jersey, so our customers benefit from the security of long-term viability. 18 of the world's top 20 banks depend on our services.

Our platform, NOMAD, offers unique capabilities for building and customisation IoT services, covering connectivity, provisioning, monitoring, and remote diagnose. JT offers the complete IoT stack, providing a robust, secure solution for your IoT service requirements.



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