

O₂
business

L T E - M





Further, faster, longer-lasting IoT connectivity

LTE-M is the latest addition to the O₂ Smart Connect solution, creating new opportunities for your IoT projects. LTE-M is a low-power wide-area (LPWA) network technology that offers enhanced network coverage, longer battery life and massive scalability. It's ideal for bringing IoT connectivity to hard-to-reach locations – like rural areas and underground – enabling you to realise the benefits of IoT in more parts of your business.

What is O₂ Smart Connect?

Smart Connect provides a wide choice of SIMs and connectivity management platforms that can help you get the most out of any size of IoT device estate. This smart management platform gives you the tools to keep costs low, productivity high, and management workloads sustainable.

Wider connectivity

Bring connectivity to your most challenging locations, with coverage up to 10km. Now you can connect devices in rural areas, get further coverage in buildings or go deeper underground.

Longer battery life

LTE-M devices have a battery life of 10+ years, saving time and money when it comes to maintenance. Plus, a longer battery-life means you always get the data you need, sensors won't drop-out at critical moments.



Secure and reliable

Get peace of mind that your IoT devices are secure with LTE-M technology. LTE-M devices offer SIM-based security features, requiring device authentication to connect to the network. And LTE-M is a licenced LPWA technology, so you receive additional security assurance and a more reliable service.

Future-proof your 2G devices

If you have devices currently connected with 2G, LTE-M is your natural next step. Unlike other LPWA technologies, LTE-M supports mobility and VoLTE (included in the O₂ roadmap). LTE-M also offers a future-proof solution, as it's supported by many services providers, device and chipset manufacturers. So there's always someone ready to look after your network.

Cost-effective

LTE-M devices are cheaper than devices working on existing IoT networks. This leaves you more budget to scale-up your IoT solution.

Familiar user-interface

You can manage and monitor your LTE-M devices from your existing O₂ Smart Connect platform, either Kite or Jasper SIM. This means you won't need a new platform to take advantage of LTE-M. Plus, all your connectivity solutions are conveniently delivered on one bill.

How does LTE-M compare to NB-IoT technologies?

Low-Power Wide-Area (LPWA) networks are more suitable for machine-to-machine communication or IoT devices than other network connections such as satellite or wifi. Although LTE-M can support the majority of use cases for NB-IoT, NB-IoT cannot offer the same functionality as LTE-M.

Award-winning network



We won Best Business Network at the 2019 Mobile Industry Awards¹



We won Best Network Performance at the Mobile News Awards 2019 and Best Network Coverage in the uSwitch Mobile Awards 2018, 2019 and 2020²

Why O₂

UK's first LTE-M network

O₂ will be the first and only network - for the time being - to launch LTE-M. That means, with O₂ you get a head start on your competitors when it comes to improving your business with further, faster, longer-lasting IoT connectivity.

Expertise

Our team of dedicated technical experts translate your business objectives into specific technical requirements, giving you the support you need to make your O₂ Smart Connect project a success. How do we achieve this? With over 20 years of IoT experience and an award-winning network into which we invest more than £1 million every day, to help ensure it will always deliver industry-leading performance.

Service

Your O₂ Smart Connect solution comes with a dedicated account team who bring valuable product knowledge, commitment and integrity to your project. You'll also receive access to a specialist IoT help desk team, who are on hand to answer any connectivity questions. Thanks to this exceptional service, our customers have awarded our IoT connectivity solutions 8.5 out of 10 for customer satisfaction: the highest level since our research began.

Flexibility

Our teams work with you to understand your IoT needs as they evolve, helping you achieve the best results both now and in future. As your business grows and changes, we'll adapt your solution to your new requirements, so we can offer you the best support throughout our partnership.

Want to know more?

Contact your O₂ client manager to learn more about how LTE-M can connect more of your business with IoT. You can call us on **01235 433507** or visit **o2.co.uk/business**

¹ Best Business Network: <https://www.mobileindustryawards.com/20/Winners>

² Best Network for Coverage: uSwitch 2019 Awards. [uswitch.com/mobiles/broadband-and-mobile-awards/](https://www.uswitch.com/mobiles/broadband-and-mobile-awards/)

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