WIRELESS LOGIC **IOT CONNECTIVITY**

LTE-M

LTE-M delivers the highest throughput speed and bandwidth of any LPWAN technology. Providing support for over the air (OTA) updates and delivering latency and speeds broadly equivalent to 3G, it's likely to replace 3G (and some 2G) services over the next few years.

Find out why our customers use LTE-M...

LTE-M Benefits

Lower hardware costs and longer battery life offset by:

Battery efficient

LTE-M will provide the most energy efficient solution for applications that are battery or solar powered.

Supports wide range of IoT applications

Best for low power IoT devices that require higher speed or two-way data transfers, mobility or voice/SMS services.

Cost effective

Lower hardware costs and longer battery life make LTE-M a cost-effective wireless solution.

Supports mobile and stationary applications

LTE-M supports cell to cell roaming making it better for mobile applications and has better signal penetration for indoor or under-ground deployments.

Considerations for deploying LTE-M

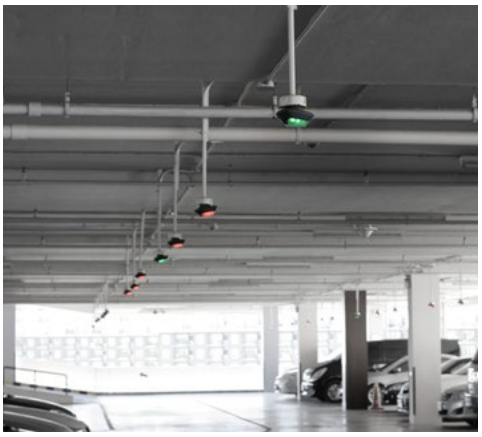
- **Fragmented coverage**
  Limited or no coverage in many countries
- **Only a single network per country**
  Single network in most countries limits resilience
- **Cell to cell roaming**
  LTE-M supports mobile and stationary sensor application
- **Supports broader range of applications v NB-IoT**
  Voice, SMS, Data support makes LTE-M a good general purpose solution
- **2G/3G network sunsetting**
  LTE-M is good alternative to 2G/3G in many use-cases

Explore applications we're connecting with LTE-M...

Applications we're **connecting** with LTE-M...

Logistics

LTE-M works well for mobile asset tracking because it allows IoT devices to run from battery power and actively track across regions. Tracking can be used as a security measure, to monitor environmental factors like temperature or humidity, to monitor and optimise delivery routes. Smaller lower cost trackers will help drive adoption and deliver time and fuel efficiency savings, help prevent theft or reduce waste.



Smart cities

LTE-M supports a wide range of applications such as car park sensors which show commuters free spaces, smart street lighting which can cut costs and improve safety at night, monitoring traffic and outdoor air-quality can help manage air pollution. In buildings, air quality monitor sensors integrated with HVAC can help with wellbeing and keeping people safe from virus' such as COVID-19.

Industrial/Manufacturing

The use of IoT devices can improve the safety and efficiency of industrial production. Sensors can monitor dangerous liquids and gases in tanks, including the correct levels, temperature or pressure. Monitoring of utility or road/rail infrastructure can support preventative maintenance programs. Tracking commercial or industrial waste can help with adherence to environmental regulations.

Your applications will be **secure**

LTE-M is a highly secure and cost-effective way to provide connectivity to low power IoT applications and devices that generate low data traffic or have a long life cycle.

LTE-M is compatible with specific modules which our IoT solution experts can advise on and comes with LTE grade security as standard, keeping your data and network secure.

Talk to our IoT solution experts to select the right LPWAN technology for you...

Why Wireless Logic for LTE-M?

IoT Expertise

Knowledge and expertise from our IoT experts to help you select the right solution and keep total cost of ownership low.

MNO Partnerships

Network choice and access to MNO expertise and test labs for your applications

Ultimate Control

LTE-M services fully integrated into our SIM management platform, **SIMPro**.

Secure

Multi-layer security that builds in the high security standards built into LTE-M. ISO27001 certified.

Rapid Deployment

Fast and expert deployment, solution design, customer service and tech support.

Contact us today...

to talk to an expert or get a quote

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