

4G Data Services

Keeping critical applications and services available everywhere



The world of connectivity is constantly evolving. There are currently billions of devices supported by millions of applications, and that number is increasing every year, with applications constantly evolving to bring customers more powerful solutions. With IoT connectivity from the four main underlying carriers in the UK and hundreds more globally, Exponential-e can keep these critical applications and services available everywhere.

Solution overview:

We provide global 4G coverage, enabling you to extend your network to hard-to-reach locations, supported by our fully managed, end-to-end WAN solutions and data provided over our secure, private Access Point Name (APN).

- Providing a secure and reliable network, not limited by physical wires, enabling you to extend your network to hard to reach locations
- Our 4G service allows a site to get up and running with ease, without the burden of deploying and managing physical infrastructure
- SIMs are connected through to our Private APN, ensuring privacy to your data
- Dual 'network-to-network infrastructure' into two data centres, offering a secure end-to-end cellular proposition
- We provide IoT SIMs with in-built security and 'always on' capabilities, ensuring maximum connectivity across all regions



Features & Benefits:



Always-on Connectivity

Though the use of a dedicated private APN, we can ensure that you enjoy 99.9% uptime, with minimal disruptions.



Fit-for-purpose SIMs

Our IoT SIMs are built for maximum resilience, even in the most challenging environments, with a lifespan five times longer than standard consumer models.



Static IP

Many IoT applications require a static IP address, which comes as standard with our 4G SIMs. This means that you can enjoy less downtime and a fully stable connection, without the need to refresh the IP.



Network flexibility

You can rest assured that there will be a solution for every site, with few restrictions, all delivered through a single bill to ensure easy consolidation of spend.



IoT security

Connected through to a private APN means our IoT SIMs do not share public data pathways and cannot be misused within another device, offering an extra layer of security.



Global coverage

With access to 750+ global networks, our global and local cellular coverage is unrivalled.

SIM Technologies

We have partnered with one of Europe's leading IoT and M2M connectivity platform providers to deliver a range of SIMs that can be used both nationally and internationally.

Standard UK SIMs

Built for IoT-enabling, enterprise-level connection, control, and security. All SIMs are fully fit for purpose, with a higher guaranteed uptime, a service wrap tailored more to the singular demands of IoT applications and enhanced physical resilience.

Roaming SIMs – Multi-network

Un-steered, with no network preference in the UK, designed to pick up the strongest available network at the time of the session. These types of roaming SIMs are perfect for tracking and telemetry, where the devices in which the SIMs are located are on the move, and so need to ensure that they always stay connected via the strongest signal.

NB-IOT

Narrow Band – IoT SIMs are used for lower-data, high-density and passive sensor applications. They offer a highly secure, resilient, and cost-effective way to provide connectivity to static applications that generate low data traffic, have a long lifecycle, and require two-way communication, while covering a large geographic area.

LTE:M

Long-Term Evolution Cat-M1 (LTE-M) is optimised for higher bandwidth and mobile applications, replacing 3G and 2G services that require devices to react in milliseconds. LTE-M is best used for moving devices and voice over LTE.

Why work with Exponential-e

Our expert team will work with you to build a connectivity solution that addresses your application's specific needs:

- We provide fully managed end-to-end WAN solutions, including 4G access.
- Leverage our expertise to design and optimise high-performance networks. We'll guide you from initial design and deployment, through to ongoing refinement of configuration and policies to best meet your evolving requirements.
- We provide data over our secure, private APN, adding resiliency and privacy to the connection.
- Support through our dedicated Solution Consultants, Delivery Experts and our 24x7 UK Support Desk



Telephone
+44 (0) 845 470 4001



Visit the website
www.exponential-e.com



ISO 9001
Quality Management

ISO 27001
Information Security Management

ISO/IEC 20000-1
Information Technology Service Management

CSA STAR
Cloud Security

ISO 22301
Business Continuity Management

ISO 50001
Energy Management

ISO 14001
Environmental Management

BS 10012
Data Protection

ISO 27017
Security Controls for Cloud Services