



OneWeb

USE CASE

Space-based connectivity and business continuity
Keeping business operational



PARATUS

Authorised Reseller

Connection everywhere changes everything



OneWeb



Connectivity: the single, essential technology component of business continuity.

Space-based connectivity and business continuity

Keeping business operational

Connectivity is the lifeblood of business for millions of companies today. With it, they can sell products and services to customers and interact with them in real-time. Companies also rely on connectivity to collaborate with supply chains, including suppliers and partners. And with many applications now in the cloud, connectivity is central to many line-of-business operations, including payroll, accounting, sales, and marketing.

Such critical applications make connectivity an essential element of a business continuity strategy. All around the world, small, medium, and large businesses are increasingly reliant on their networks for survival. The growing convergence of voice, data, and video over a single IP network means companies cannot afford to be without connectivity for any length of time.

If their connectivity fails, businesses will be severely affected, losing money, reputation, and customers. Without network connectivity many communications services, including telephony, email, and chat, will also be disrupted. Any network is at threat of interruption, but the chance is higher in remote locations, where connectivity can be poor and affected by frequent power cuts.



Low latency supports cloud-based services that keep businesses agile.

Connectivity challenges

Network outages can come from all directions: power cuts, human error, router failures, or cable cuts. Natural disasters and extreme weather events also frequently cause network disruption. It is often uncertain how long it might take to fix a fault and get the network back online. For example, if new hardware is needed, it can take time to be shipped and installed. What is required is a reliable back-up network distinct from the primary connection.

On top of this, business operations located in remote, rural locations often still lack modern infrastructure or skilled technical staff. These can include retail outlets and schools or government facilities like embassies that rely on staying connected to protect sensitive data or develop diplomatic services cost-effectively.

Connectivity solutions

Low Earth orbit (LEO) satellite connectivity can provide businesses of all sizes with the continuity and resilience they need to keep operations up and running no matter where they are located. With latency of less than 70 milliseconds and downloads of 150 Mbps, it can support essential, data-heavy systems and solutions. Crucially, LEO can be used as a reliable back-up, or hybrid connection using SD-WAN to meet the demands of modern business continuity and disaster recovery planning.

Enhanced opportunities

Ensuring uptime

In a volatile world, LEO provides low latency, and high bandwidth, data throughput, and service levels reliably, and affordably, using a new class of resilient user terminal. This provides enterprises with a back-up network that protects and enhances business operations. In the event of disruption, LEO ensures business-critical applications are safeguarded and revenues protected.

Resilience with SD-WAN

By integrating OneWeb LEO connectivity into an SD-WAN infrastructure, businesses can take advantage of a highly-resilient network design that can switch over to LEO connectivity in the event of a failure of the terrestrial network. In addition, the architecture allows all networks to be used during normal operations, increasing the total capacity and providing load balancing functionality to improve performance.

Cybersecurity and encryption

Cybersecurity is a key part of ensuring business resilience. Suppose there is any disruption to one part of the network such as a DDoS attack. In that case, routing traffic over a completely separate network, such as LEO, is essential to keep businesses operational. The low latency of LEO also allows companies to continue to use their standard encryption policies over the back-up network, thereby always ensuring the security of the data.

Space-based high-speed low latency broadband can positively impact a 'new way of working.'





More data in real-time yields more information for testing and troubleshooting connectivity

Enhanced and new applications

Avoiding business disruption

Helping maintain critical services, products, and customer communication during unforeseen events and disruption.

Real-time data analytics

Provides detailed analytics of LEO connectivity in primary, back-up or hybrid networks.

Protecting business and revenues

Gives the power and control to keep business operating should primary networks fail.

Supporting remote operations

Remote operations far from corporate HQs need back-up connectivity to support operations in an emergency.

Cybersecurity

Additional network resilience can help fight against cyberattacks and data breaches and reduce the risk of failure along critical data paths.

Augmenting connectivity

Ensure company sites, no matter how remote, can offer a full suite of services to customers.

Resource management

Resource management to help ensure best performance in terms of people, infrastructure, and facilities.

Connected security systems

Government buildings and embassies rely on cameras and monitoring systems to ensure the safety and security of staff and data, wherever they are located.

Resilience to natural disasters

Cloud-based data recovery services and robust hardware mitigate damage in extreme weather events.

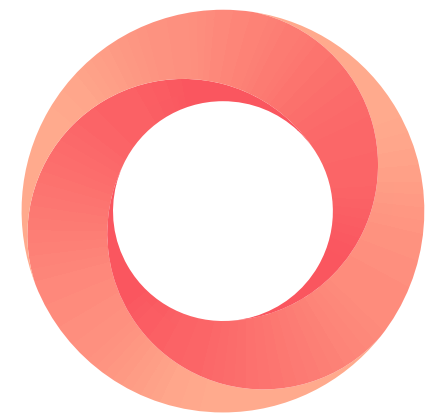


OneWeb's network will support global coverage in 2022.

Global Space-based connectivity made easy

OneWeb LEO satellite connectivity gives companies across all industries the flexible, scalable, and reliable connectivity plans needed to enhance existing communications solutions and support business continuity.

Access OneWeb connectivity with a new class of user terminal that brings function, design, and easy-to-use LEO technology together. Simple to order, deliver, install, and maintain, for primary, back-up, and hybrid network solutions that meet the demands of today's **digitally-powered business world**.



OneWeb

Global space-based connectivity

Connection everywhere changes everything

To find out more, connect with a [OneWeb Connectivity Consultant](#).
Register your interest oneweb.net/enterprise

OneWeb is a global space-based connectivity network, headquartered in London, enabling connectivity for governments, businesses, and communities. It is implementing a constellation of low Earth orbit satellites with a network of global gateway stations and a range of user terminals to provide an affordable, fast, high-bandwidth and low-latency communications service, connected to the IoT future and a pathway to 5G for everyone, everywhere.

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