



Business



Building Resilient Connectivity Beyond Terrestrial Networks

**OneWeb connectivity
integrated and
managed by Orange
Business**

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Introduction

Why enterprise connectivity needs a new approach

In today's hyper-connected world, organizations rely on fast, resilient, and secure communications to operate effectively, support digital workflows, and remain competitive. But enterprise connectivity requirements are evolving.

Businesses now need to connect not only headquarters and branch offices, but also remote sites, industrial operations, temporary locations, and continuity-critical environments where terrestrial networks may be unavailable, delayed, or insufficient. This is why a new approach is emerging one that combines performance, reach, and resilience through hybrid enterprise connectivity.

From manufacturing and energy to logistics, mining, retail, and the public sector, organizations are under pressure to keep people, applications, and operations connected wherever business happens. In many of these environments, traditional terrestrial infrastructure alone cannot always meet the need for rapid deployment, broad coverage, or network diversity. As a result, satellite is becoming an increasingly relevant part of enterprise connectivity strategies not as a standalone exception, but as a complement to existing network environments.

Why LEO is changing the enterprise conversation

A new generation of low Earth orbit connectivity is making satellite more relevant to business use cases that demand responsiveness as well as reach. With high-speed, low-latency performance, OneWeb helps enterprises connect hard-to-reach sites, support rapid deployment, and strengthen continuity for critical locations. This makes satellite a more practical option for modern digital operations than legacy perceptions of satellite connectivity would suggest.

However, enterprise customers need more than access. They need a solution that can be integrated into the existing WAN, aligned with security requirements, and managed with the same level of control and service assurance as the rest of the network. This is where Orange Business brings additional value by combining OneWeb connectivity with expertise in hybrid architecture, global integration, managed services, and enterprise governance.

From satellite access to enterprise-ready connectivity

The opportunity is no longer simply to use satellite communications. It is to embed LEO enterprise connectivity into a broader business-grade architecture that combines terrestrial and non-terrestrial access, supports continuity, and enables international organizations to scale with confidence. In the following pages, we explore how OneWeb and Orange Business help businesses extend secure, high-performance connectivity beyond terrestrial limits.

Why OneWeb for enterprise connectivity ?

For many years, satellite connectivity was often seen as a niche option for highly remote environments or as a last-resort alternative

when terrestrial services were not available. Today, that perception is changing. With the rise of low Earth orbit technology, satellite can now play a much more strategic role in enterprise networking.

OneWeb brings a new generation of connectivity that is better aligned with modern business expectations. Its LEO architecture supports high-speed, low-latency performance, making satellite more relevant for organizations that need to connect remote sites, support digital operations, and strengthen business continuity without relying exclusively on terrestrial infrastructure

By 2028, 80% of enterprises will integrate Low Earth Orbit (LEO) connectivity, creating a unified digital service fabric that provides resilient ubiquitous access and guarantees data fluidity.



There are seven compelling business reasons to adopt satellite communications.

High-speed, low-latency performance OneWeb's LEO constellation helps reduce latency compared with traditional satellite models, creating a better fit for enterprise applications, cloud access, collaboration tools, and operational data exchange. This makes the user experience more responsive and the service more suitable for business-critical environments.

Connectivity beyond terrestrial limits OneWeb enables enterprises to extend network access to sites where fiber, fixed access, or mobile coverage may be unavailable, delayed, or insufficient. This is especially valuable for remote, temporary, or hard-to-reach locations where business still depends on reliable connectivity.

A stronger fit for hybrid enterprise architectures OneWeb is not simply a standalone satellite service. When integrated by Orange Business, it becomes part of a broader hybrid architecture that combines terrestrial and non-terrestrial access to improve resilience, flexibility, and reach across the enterprise

Built for business continuity and agility Whether used to connect a new site quickly, enable remote operations, or provide an independent backup path for a critical location, OneWeb supports enterprise priorities such as continuity, agility, and operational resilience.

OneWeb is redefining what satellite can deliver for enterprises: not just coverage, but performance, flexibility, and strategic value as part of a modern connectivity model.



Why Orange Business makes the difference

The value of satellite connectivity in enterprise environments does not depend only on the technology itself. It depends on how effectively that technology can be integrated into the wider business network, secured according to corporate policy, and managed over time.

This is where Orange Business plays a critical role.

For enterprise organizations, remote and critical sites must not become isolated access points managed outside the existing network framework. They need to be connected in a way that supports operational consistency, governance, resilience, and visibility. Orange Business helps make that possible by combining OneWeb's LEO connectivity with expertise in hybrid network architecture, global WAN integration, managed services, and enterprise security.

This means organizations can go beyond standalone satellite access and adopt a more strategic connectivity model.

With Orange Business, enterprises benefit from :

- Integration of satellite-enabled sites into the broader WAN environment
- Interconnect MPLS, EvP and so on (to add)
- Hybrid architecture combining terrestrial and non-terrestrial access
- Managed services for deployment, monitoring, and support
- Stronger service assurance for continuity-sensitive environments
- Alignment with enterprise governance and security requirements
- International delivery and support capabilities

For large and distributed organizations, this integration layer is what turns connectivity into business value. It reduces complexity, strengthens accountability, and ensures that new connectivity options fit within a coherent enterprise operating model.

The result is a more flexible and resilient network strategy, where OneWeb can be used not as a disconnected exception, but as part of a managed, secure, and scalable enterprise architecture.

Where OneWeb and Orange Business create business value

For enterprise organizations, the value of LEO connectivity is best understood through the business challenges it helps solve. Combined with Orange Business' integration and managed service capabilities, OneWeb can support a range of use cases where terrestrial access alone is not sufficient or where resilience, speed, and flexibility are essential.



Business continuity for critical sites

For offices, plants, logistics hubs, or operational centers where downtime creates major business impact, OneWeb can provide an additional and independent connectivity path. Integrated by Orange Business into a hybrid architecture, this helps strengthen resilience and reduce dependency on terrestrial infrastructure alone.

Value delivered:

- Improved continuity posture
- Reduced outage exposure
- Physically diverse backup path
- Stronger operational resilience



Remote and hard-to-reach sites

Some locations remain beyond the practical reach of fiber or fixed access, yet still require secure and reliable access to business applications and operational tools. OneWeb helps extend connectivity to these environments, while Orange Business integrates those sites into the wider enterprise network.

Value delivered:

- Connectivity beyond terrestrial limits
- Support for remote operations
- improved access to applications and data
- integration into the corporate WAN

Fast deployment for new or temporary (specify time and type of uses) locations

When a new site must be activated quickly, waiting for terrestrial rollout can delay operations. OneWeb can accelerate connectivity readiness for new branches, project locations, temporary offices, construction sites, or emergency-response environments.

Value delivered:

- Faster time to connect
- Reduced project delays
- Operational agility
- Connectivity available from day one

These use cases show that OneWeb is not simply an alternative access option. With Orange Business, it becomes a practical tool for resilience, expansion, and business continuity across modern enterprise environments.



OneWeb connectivity, made enterprise-ready by Orange Business

Enterprise connectivity requirements are evolving rapidly. Organizations need broader reach, stronger resilience, faster deployment, and better alignment between connectivity services and business priorities. In this context, satellite is no longer just an alternative technology. It is becoming an increasingly important component of modern hybrid network strategies.

This is especially true when connectivity must support remote sites, temporary environments, critical operations, or continuity-sensitive locations where terrestrial infrastructure alone is not enough.

OneWeb brings a new generation of satellite connectivity to this challenge. Its low Earth orbit architecture supports high-speed, low-latency performance, making it more relevant to enterprise use cases than traditional satellite models.

But for enterprise customers, performance alone is not enough. Connectivity must also be integrated into the broader WAN, managed through a reliable operating model, aligned with security and governance requirements, and supported consistently across geographies.

This is where Orange Business adds critical value.

By combining OneWeb connectivity with hybrid network design, managed services, global support, and enterprise-grade security expertise, Orange Business enables organizations to move from standalone access to a more strategic and scalable connectivity model.

The result is a solution that helps enterprises:

- Support digital operations in remote and difficult environments
- Improve resilience through hybrid architecture
- Extend secure network access beyond terrestrial limits
- Accelerate the deployment of new and temporary sites
- Maintain governance and operational confidence at scale

For further information click here:

**Contact Orange
Business experts**

