



Connect your
business
with Starlink



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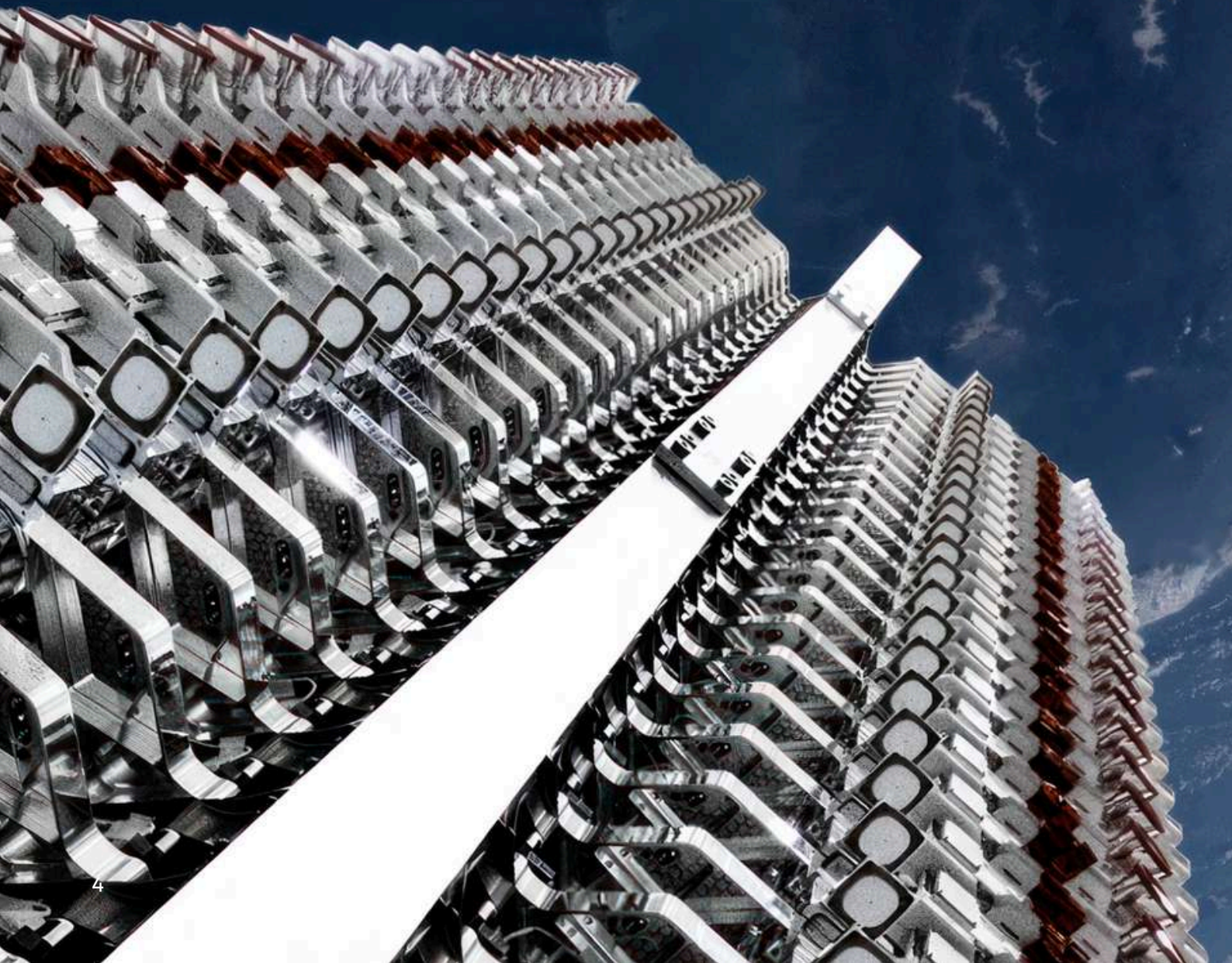
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How Starlink works

Starlink is a next generation satellite internet service designed to deliver high-speed, low latency, reliable broadband internet globally. From urban centres to off-grid and remote locations, Starlink provides consistent connectivity, something traditional options fail to do.

It is quick and easy to install, and suitable for any size business operating in any industry. All it needs is power and a clear view of the sky and your business can enjoy full connectivity.

Starlink uses thousands of satellites in Low Earth Orbit - around 550 km up and roughly sixty times closer than traditional geostationary satellites. That proximity is what reduces latency, making the connection suitable for video calls, cloud applications and real-time monitoring.



STEP 01

Terminal acquires the constellation

A flat phased-array antenna electronically steers its beam to lock on to satellites passing overhead - no moving dish, no manual alignment.

STEP 02

Satellites relay the traffic

Your data routes to the nearest satellite, and where needed, across the constellation by laser link, avoiding long terrestrial backhaul routes.

STEP 03

Ground station to internet

A gateway/earth station manages the traffic between the constellation and the internet, delivering an overall round trip time of 20 - 40 ms.

The Starlink **hardware range**

From fixed-site enterprise installations to ultra-portable field units, there is a solution for every scenario. Onwave supplies, installs and manages the full range.



MINI

Ultra-portable connectivity for mobile teams, events and emergency response.



Download
Up to 250 Mbps*



Upload
Up to 25 Mbps*



Field of view
110°



Ideal use case
**Field teams,
events, on the go**



STANDARD 4X

Reliable high-speed connectivity for fixed and semi-permanent deployments.



Download
Up to 475 Mbps*



Upload
Up to 70 Mbps*



Field of view
110°



Ideal use case
**Remote offices,
welfare cabins**



PERFORMANCE GEN 3

Enterprise-grade hardware for high-demand fixed environments, great throughput and performance.



Download
Gigabit Ready*



Upload
Up to 75 Mbps*



Field of view
140°



Ideal use case
**Enterprise,
multi-user sites**

*Stated speeds are maximums and are not guaranteed; actual performance depends on service plan, hardware, installation, location and network congestion.

THE STARLINK HARDWARE RANGE



Starlink Mini

Designed as a portable terminal, roughly the size of a laptop, it can be deployed in minutes and taken anywhere your teams operate.

It can be mains or battery powered and provides Wi-Fi, making it immediately usable without specialist installation - removing the friction from staying connected in the field.



Download speeds

Up to 250 Mbps* on a Priority data plan - video calling, data upload, remote access and team comms.



Power

Mains or 12V vehicle supply - or go off-grid with one of our custom power stands.



Portability

Carries in a standard laptop bag or rucksack. Deployable in minutes.



Connectivity

Built-in Wi-Fi allowing you to connect multiple devices or users.

Key use cases

Events & exhibitions

Temporary stands, outdoor venues, pop-ups.

Emergency response

Incident management & coordination.

Defence & government

Exercises, morale, welfare and bases (military applications excluded).

Field operations

Survey teams, engineers, inspectors.

Media & broadcast

Live reporting, content upload.

Starlink Mini Field Kit

Mini terminal, Power Stand with integrated tripod, chargers, cables and carry case. Ready in minutes, no mains required.

ONWAVE EXCLUSIVE



8+ hrs

Runtime
on battery

189 Wh

Battery

IP67

Rated





Starlink Standard 4X

Designed for fixed and semi-permanent installations needing reliable, high-speed internet.

Mounted once and left in place, it delivers consistent bandwidth to site offices, remote premises, utility compounds and temporary bases for as long as they are needed.



Download speeds

Up to 475 Mbps* on a Priority data plan - cloud tools, video calls and site-wide access.



Upload speeds

Up to 70 Mbps* - drawings, survey data, progress photography and CCTV backhaul.



Field of view

110° field of view with automatic alignment once mounted.



Durability

Weather-resistant construction with snow melt for year-round operation.

Key use cases

Remote offices

Permanent premises
beyond fixed-line reach.

Energy & utilities

Substations, wind farms, water
and quarry sites.

Agriculture & rural business

Farms, estates, and rural industry.

Construction & infrastructure

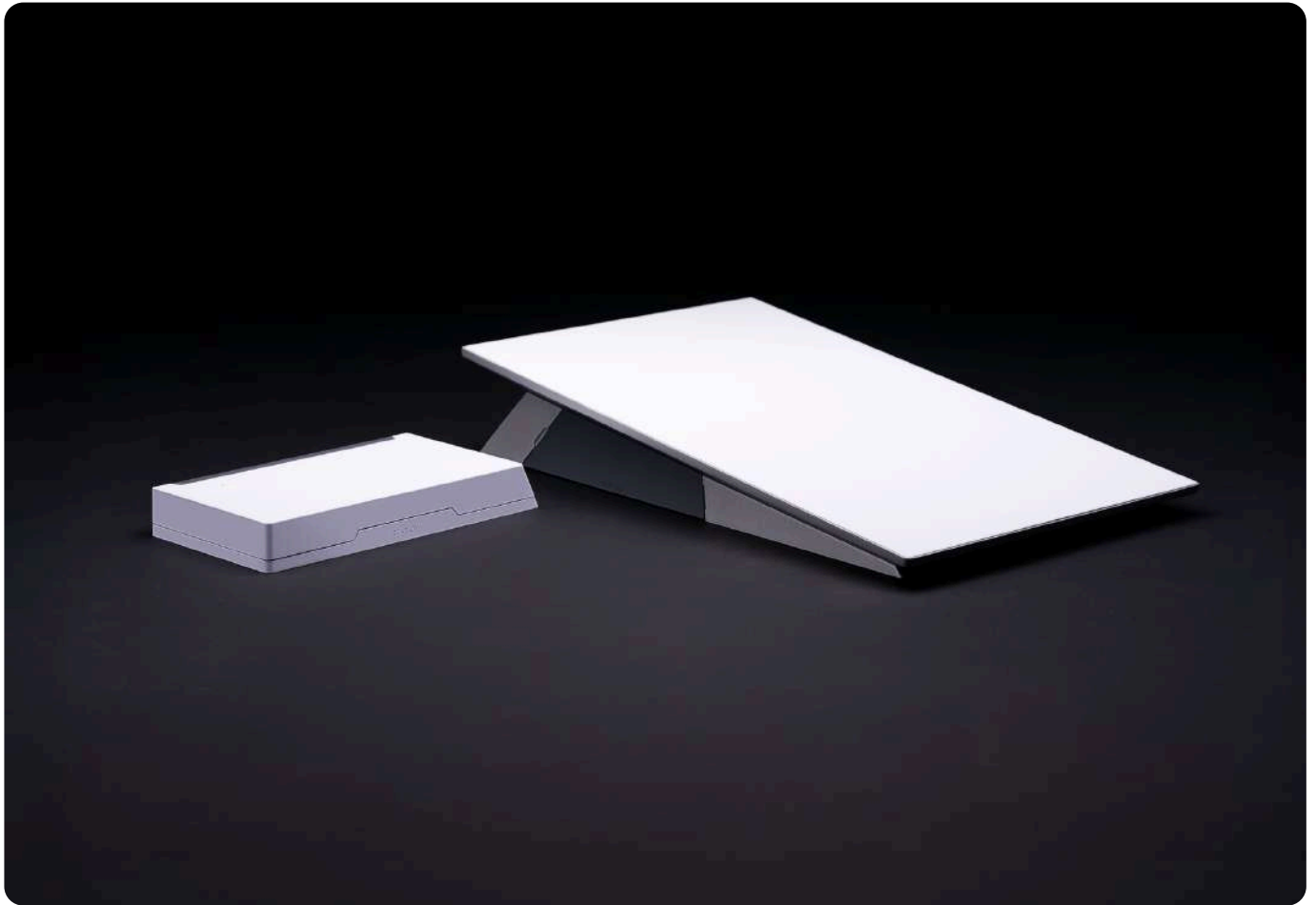
Site offices, welfare cabins
and compounds.

Hospitality & tourism

Lodges, campsites and
remote venues.

**Fit and forget.
Enterprise
bandwidth,
anywhere
you put it.**





Starlink Performance Gen 3

Where bandwidth demands are higher and reliability is critical. A wider field of view, faster tracking and higher throughput make the Performance range the choice for enterprise customers, larger offices and critical infrastructure.

The low-profile flat form factor also suits vehicles, vessels and exposed permanent mounts, withstanding higher wind loading and delivering greater environmental resilience on or offshore.



Download speeds

Gigabit ready* on a Priority data plan - multi-user sites and bandwidth-heavy operations.



Upload speeds

Up to 75 Mbps* - live video, large file transfer and continuous data feeds.



Field of view

140° field of view with faster tracking for obstructed and moving installations.



Durability

Higher wind loading tolerance, greater environmental resilience and snow melt.

Key use cases

Enterprise premises

Head offices, depots and production facilities.

Multi-user environments

Large teams sharing a single connection.

Onshore energy

Substations, wind and solar farms, treatment plants.

Healthcare & public sector

Clinics, depots and community facilities.

Vessel mounting

Permanent installation for maritime operations.

Critical infrastructure

Utilities, rail and energy operations.

Education & campuses

Schools, colleges and university sites.

Offshore & ports

Platforms, offshore wind and harbour operations.

Vehicle mounting

Low-profile installation on rooftops and cabs.

GIGABIT READY

Built for what comes next.

Performance Gen 3 hardware is already specified for gigabit service. As Starlink's next-generation satellites come into service, the additional throughput arrives over the air - no new dish, no reinstall, no change to the installation on your roof.

Performance Gen 3 hardware is the only Starlink terminal ready to accept gigabit speeds.



A large, white, flat-panel satellite dish is mounted on the edge of a dark building roof. The dish is angled towards the upper left. The background is a deep blue night sky filled with numerous small, bright stars. The building's structure is dark and angular, with some architectural details visible in the lower right.

Starlink dedicated service.

Starlink Dedicated Service blends together terminal arrays and an unlimited service plan with the highest tier of traffic prioritisation to provide unrivalled performance.

It is delivered by bonding multiple terminals, giving higher throughput with lower latency and jitter. Two hardware arrangements are available depending on the throughput and network capability you need. Candidate sites require qualification and approval by Starlink.

Who is it designed for?

Starlink Dedicated Service is explicitly designed for large enterprise networks, mission-critical operations, and regional backhaul aggregators offering the highest tier of network priority and exclusive or semi-exclusive satellite beam allocations.



Bonded Starlink Terminals

Grouping six or more
Performance kits.

Downlink

**Up to
2.4 Gbps**

Uplink

**Up to
600 Mbps**

- ✓ Highest throughput options, lowest packet loss and most stable performance compared with Priority plans.
- ✓ Dedicated Ku beam allocation reduces variability and minimises the impact of other users in the same cell.

LIMITATIONS

L2VPN network policy is not supported.
Aggregation router is not included.
Load balancing across each kit is handled by the customer (ECMP, SD-WAN or similar).



Bonded Gateways

Grouping four or more
Gateway kits.

Downlink

**Up to
20 Gbps**

Uplink

**Up to
20 Gbps**

- ✓ Dedicated and exclusive Ka constellation beams to the site, guaranteeing throughput at the purchased rate. Higher speeds available on request.
- ✓ Enables IP transit, including BGP peering with static IP assignments. Aggregation router included and managed by Starlink.

LIMITATIONS

1600 MTU is available via Starlink PNIs on request, allowing customers to apply their own traffic encapsulation. Starlink L2VPN service is not currently supported.



How Starlink compares:

	Fibre	Starlink	Cellular (4G/5G)
Availability	Limited by cable infrastructure	Everywhere	Limited by mast coverage
Time to deploy	Months	Hours	Days
Latency	5 - 20 ms	20 - 40 ms	30 - 100 ms
Portability	None	Completely	Partially
Data	Unlimited	Charged on use	Unlimited - subject to fair usage policy
Resilience role	Primary	Primary / Backup	Backup

Global and Local Data Plans.

There are two types of Starlink Priority data plans. Understanding the difference helps you choose the right plan for your operations - avoid paying for coverage you do not need, or finding yourself without coverage where you do. Onwave ensures you get the right plan or combination of plans across your estate.



Local Priority Plans

Your Starlink service is linked to a specific country. Coverage and routing are optimised for that location, and priced accordingly. For single terminals that need to operate entirely within a single country - a Local plan is the most cost-effective option.

BEST FOR

Fixed-site deployments. Vehicles and assets that do not cross national borders. Operations concentrated in a single country or region.

KEY CONSIDERATION

The terminal must stay within its registered service area - operating outside it results in loss of service. If you cross borders even occasionally, a Global plan is safer. The local plan allows 60 days use per annum outside of your home location and is provided for on-shore use only.



Global Priority Plans

Allows your terminal to operate across all Starlink serviced countries and regions without restriction. Coverage follows the Starlink satellite network worldwide - the right choice for any organisation whose assets, fleets or personnel move internationally.

BEST FOR

Maritime operations in international waters. Vehicles and equipment crossing borders. Multi-country operations. Deployable assets used across different regions over time. Global plans are designed primarily for offshore use and are ideal for maritime applications including rigs and wind farms offshore.

KEY CONSIDERATION

A higher price point than Local, reflecting the flexibility. For assets that genuinely move internationally, the cost difference is justified.

Onwave Pooled Data Plans.

Rather than buying a separate allowance per terminal, Onwave can combine your sites into a single shared pool of data. Quiet terminals subsidise busy ones, so you buy for total demand instead of peak demand at every site.

Why we supply priority plans

Whether you are buying a Local Priority, Global Priority or Pooled Data Plan from Onwave, you can be assured it will meet your business needs. Unlike Residential plans, business plans offer these benefits:

- ✓ **Prioritised data**
Traffic is given priority on the Starlink Network, ensuring speeds hold up when the network is busy.
- ✓ **Higher throughput**
Faster download and upload ceilings than residential service on the same hardware.
- ✓ **Built for mobility**
Supports in-motion, maritime and multi-site use.







Connect by Onwave

From Starlink satellites to private managed networks, Connect by Onwave keeps customers securely connected to the digital resources they need wherever they are.

As a trusted Starlink Authorised Reseller, these are the reasons why you should choose Onwave to provide your Starlink connectivity needs.

Flexible Billing

Consolidated invoicing to meet your business needs, split by project, region or business unit.

Professional Installation

Surveyed and installed to the highest standards. A working solution, not a box.

Flexible Support

Dedicated Customer support team with options for extended or 24/7/365 cover. Speak to an engineer, not a call centre.

Connect Portal

Giving Customers real-time visibility of their entire Starlink estate - usage, performance and alerts all in one convenient dashboard.

One Trusted Partner End to End

Having connected 1000's of sites globally, Onwave team have the expertise to get you onboarded quickly and provide exceptional support.

Professional **installation**

Connectivity is only as good as its installation. A poorly positioned dish, incorrect mounting or inadequate power supply can undermine even the best technology. An Onwave professional installation removes that risk.

Every installation is carried out by Onwave engineers or our accredited partner network - experienced, professional and fully trained on Starlink best practice.





1

Site survey

Optimal mounting position, power and full solution design.

2

Hardware supply

The right hardware, sourced as an Authorised Reseller.

3

Installation

Physical install to manufacturer standards, cable-managed and weatherproofed.

4

Activation & testing

Service activated, performance tested, full handover briefing.

5

Ongoing management

Monitoring from day one - issues, plans and performance reporting.



The right service **offer for you.**

Every Starlink solution from Onwave is available as either an unmanaged supply or a fully managed service.

The right choice depends on your internal capability, the scale of your deployment and how much visibility and control you need day to day.

Unmanaged Supply

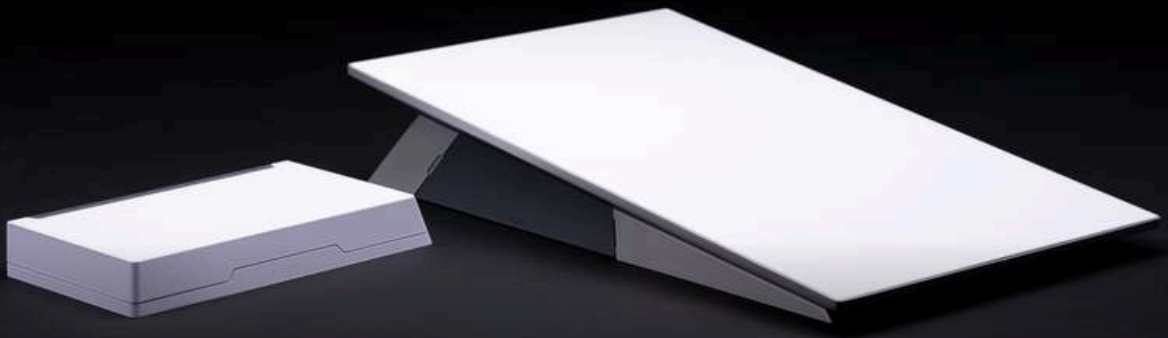
We supply the Starlink terminal and data plan, access to our Connect portal and your team takes care of the rest, installing and connecting the service to your network.

Ideal for organisations with in-house technical capability who need reliable hardware and service from a trusted, authorised source.

Even with an Unmanaged supply, we offer different models from those typically available online including options such as pooled data.

INCLUDES:

- ✓ Hardware supply.
- ✓ Professional installation (optional).
- ✓ Standard Starlink service activation and data plan.
- ✓ Connect Portal access



Managed Service

RECOMMENDED

Onwave sits between you and the complexity - monitoring your connection, managing your service plan, resolving issues before they affect operations and providing consolidated reporting through our proprietary portal.

Our managed service includes everything in unmanaged, plus:

- ✓ **Connect Portal**
One dashboard for every connected site.
- ✓ **Fleet monitoring**
Status of every device at a glance.
- ✓ **Usage tracking**
By site, project, region or unit.
- ✓ **Proactive monitoring**
Issues caught, often before you know.
- ✓ **Flexible billing**
Consolidate or split by project, region or unit.
- ✓ **Support from Onwave engineers**
24/7 plans are available on request

INCREASING OVERALL PERFORMANCE

Failover and bonded SIM services

For sites that cannot afford to drop, we combine Starlink with 4G/5G using enterprise-grade routers - supplied, configured and managed by Onwave alongside your Starlink service.



Automatic failover

Traffic switches to cellular the moment the satellite link degrades.



Bonded SIM

Multiple cellular networks bonded into one connection for added capacity.



One managed WAN

Satellite and cellular presented as a single connection, monitored in the portal.

Sectors we serve.

Connect by Onwave delivers Starlink solutions across a wide range of sectors. Wherever standard connectivity falls short, we find a way to keep organisations connected.



Construction

Site connectivity from day one, long before a fixed line can be installed. Welfare cabins, site offices, security systems and cloud-based project tools on a single connection that moves with the programme.

TYPICAL USE

- ✓ Site offices and welfare facilities
- ✓ CCTV and progress monitoring
- ✓ BIM, cloud drawings and daily reporting



Maritime

Workboats, ferries, offshore support and research vessels - connected at sea. Wide field of view, active tracking and weather-resistant hardware hold signal underway or at anchor.

TYPICAL USE

- ✓ Operational comms and remote monitoring
- ✓ Crew welfare and passenger Wi-Fi
- ✓ High-volume survey data transfer



Renewables & Energy

Wind farms, solar installations and energy infrastructure in the most remote locations, both onshore and offshore.

TYPICAL USE

- ✓ SCADA and remote asset monitoring
- ✓ Maintenance crews on site and offshore
- ✓ Substations and grid infrastructure



Defence & Government

Deployable, resilient connectivity for emergency services, government and military welfare, recreation and bases (other military uses excluded).

TYPICAL USE

- ✓ Base welfare and recreation networks
- ✓ Emergency service coordination

The same approach applies across every sector we work in: the right hardware, the right data plan, installed properly and managed for you.



Logistics & Transport

Fleet connectivity, depot operations, driver welfare and real-time tracking across road and rail.

TYPICAL USE

- ✓ In-motion vehicle and fleet connectivity
- ✓ Temporary and remote depots
- ✓ Telematics and real-time tracking



Events & Media

Temporary high-performance connectivity for live events and broadcast - stood up in hours, not weeks.

TYPICAL USE

- ✓ Live broadcast and remote production
- ✓ Ticketing, payments and site Wi-Fi
- ✓ Festival and venue operations



Healthcare

Remote clinics, mobile units, field hospitals and emergency medical coordination, with the throughput clinical systems require.

TYPICAL USE

- ✓ Mobile screening and vaccination units
- ✓ Telemedicine and remote diagnostics
- ✓ Field hospitals and incident response



Education

Temporary classrooms, remote schools and resilience for your Trust or University.

TYPICAL USE

- ✓ Modular and temporary classrooms
- ✓ Backup line for exam periods
- ✓ Field trips and remote campuses



Get in touch

Ready to find the right Starlink solution for your organisation?



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STARLINK AUTHORIZED
RESELLER

