

Product Description

Emergency Preparedness

Your lifeline, when connectivity is critical



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Why Emergency Preparedness Satcom matters

- In an increasingly uncertain world, reliable electronic communications (ECOM) are essential for national preparedness, crisis management and the continuity of both enterprise and government operations.
- The Enterprise sector, which owns most of society's infrastructure and plays a key role in important value chains, is exposed to cyberattacks, insider risk and foreign intelligence. These actors may seek to disrupt basic services to the population and weaken society's resilience.
- Municipalities are responsible for safeguarding the security of their local communities and are an important part of Norway's basic Emergency Preparedness. Crisis and war could challenge municipalities' ability to maintain basic services.
- The Government's long-term plan for civil preparedness is to ensure continuity, allow coordination and enable cross-sectoral work. This will strengthen the civil preparedness and, in turn, supports the nation's Emergency Preparedness.

Use Cases

Space Norway provides Emergency Preparedness Satcom connectivity designed specifically for:

- Government municipalities and agencies
- Emergency and public safety services
- Critical infrastructure operations (energy, transport, utilities, health, etc.)
- Security and defence organisations
- Private sector business and industry
- Voluntary sector

When terrestrial networks (fibre, 4/5G, radio) are degraded or unavailable, our solutions keep your operations online, coordinated and secure.

Space Norway – A Trusted National Provider

Space Norway is a 100% state-owned company with around 40 years of experience in satellite communications and is governed by the Norwegian Security Act.

We

- own and operate the Norwegian THOR satellites in geostationary orbit at 1° West
- provide satellite coverage and backup communication capacity for government and critical infrastructure.
- are an Authorized Starlink reseller (Low Earth Orbit, LEO satellite constellation).
- are the only satellite operator in the Nordic region who own satellites, ground stations and operate our own fibre network

For our customers, this means

- data sovereignty and compliance with Norwegian security requirements.
- predictable, controlled infrastructure operated by a trusted national actor.
- long-term, stable collaboration with a government-owned provider.
- access to our 24/7 NOC Support at Nittedal Teleport
- tried and tested satellite communication solutions, based on our ~40 years of experience
- user friendly and modern Customer Portals (The Bridge and LEO Bridge)



Solution Summary

Space Norway is able to offer different solutions based on the unique requirements of our customers. Below is a table showing a short description of the solutions and what they would best be used for.

Solution Type	Ideal For	Key Strength
THOR Fixed	Sovereign communication solutions at government sites	Norwegian GEO satellite, data stays in Norway
Starlink Fixed	Remote offices, stations, depots	High throughput, low latency, easy installation
THOR + Starlink Fixed	Important sites needing maximum resilience and higher throughput	Combines THOR sovereignty with Starlink speed and low latency
Starlink Portable	Field teams, temporary sites, rapid crisis deployment	Compact, portable, battery-capable Suitcase. Quick deploy Internet anywhere
Starlink Mobility	Command vehicles, service vans, mobile units	“Always-on” multi-bearer connectivity

Emergency Preparedness Satcom
Your lifeline, when connectivity is critical

THOR Fixed - Sovereign National Satcom

THOR Fixed provides secure GEO satellite backup connectivity for government offices, control rooms, critical infrastructure sites and private sector business where data sovereignty and reliability are essential.

Operational Benefits

- Competitive Space Norway subscriptions for secondary use
- Proven GEO VSAT technology with local 24/7 support
- Flexible service with tailored SLA and QoS to match evolving needs
- Redundant architecture with robust ground segment and operations
- Ideal as secondary connectivity to your terrestrial networks
- Long-term contracts aligned with satellite lifespan for predictable costs
- LEO Bridge - Customer portal to manage and monitor subscriptions



Space Norway recommendation
THOR Fixed

Starlink Fixed – Satcom when sovereignty isn't crucial

High-speed, low-latency satellite service for government and public sector sites where terrestrial connectivity is limited, fragile or THOR sovereignty is not critical. Easy to install, low maintenance and requires minimal technical expertise. Suitable for remote and isolated locations.

Operational Benefits

- High throughput, low latency for cloud, collaboration, remote access and management
- Rapid deployment to remote offices and field stations
- Robust fixed terminals designed for harsh and remote environments
- LEO Bridge - Customer portal to manage and monitor subscriptions

Space Norway recommendation
[Starlink Enterprise](#)

STARLINK AUTHORIZED
RESELLER

THOR + Starlink Fixed – Complete Satcom resilience

Designed with maximum resilience, for mission-critical operations for both government and the private sector where infrastructure sites and chains of supply are critical to ensure operations function similar as day-to-day operations.

THOR and Starlink Fixed combines the sovereignty of THOR with the performance and low latency of Starlink. This dual solution is ideal for mission critical systems that require continuous availability.

Operational Benefits

- Dual-path GEO + LEO architecture for maximum resilience
- Intelligent routing between sovereign THOR and high-performance Starlink
- SD-WAN optimised for cost, performance or security
- Proven GEO VSAT with local 24/7 support
- Flexible design with long-term contracts, tailored SLAs and QoS
- Built-in redundancy with robust ground segment and operations
- Ideal as a primary backup to your terrestrial networks
- High throughput, low latency for cloud, collaboration and remote access
- LEO Bridge - Customer portal to manage and monitor subscriptions




Space Norway recommendation
THOR Fixed and Enterprise

Starlink Portable - Quick deployment anywhere

Starlink Portable is a rapidly deployable satellite Internet for field teams and temporary incident locations. It is designed for emergency services, civil protection and field operations that require reliable connectivity anywhere.

Operational Benefits

- “Grab-and-go” connectivity to rapidly establish a communications point anywhere
- Ideal for temporary command posts, disaster sites and temporary communication hubs
- Operates on portable power for use in areas without electricity
- Easy integration with existing networks and systems
- LEO Bridge - Customer portal to manage and monitor subscriptions



Space Norway recommendation
Starlink Mini

STARLINK

AUTHORIZED
RESELLER

Photo: Starlink

Starlink Mobility – Always connected, on a vehicle

Starlink mobility is a vehicular solution that combines Starlink connectivity with optional 5G/LTE using a SD-WAN router. It is ideal for command vehicles, service vans, emergency units and other mobile platforms.

Operational Benefits

- Continuous connectivity on the move using optimised satellite and cellular access
- Supports real-time data, video, tracking and mission applications
- Keeps mobile units online and integrated with central systems
- LEO Bridge - Customer portal to manage and monitor subscriptions

Space Norway recommendation
Starlink Performance Gen 3



STARLINK

AUTHORIZED
RESELLER

Space Norway – Starlink Authorized Reseller

Space Norway is an authorized Starlink reseller, delivering resilient, low-latency broadband and tailored connectivity for government, enterprise and maritime customers.

As an authorized Starlink reseller, Space Norway can offer:

- A selection of Data Blocks or Data Pools of various sizes at competitive pricing
- 24/7 NOC excelling in customer service and troubleshooting
- LEO Bridge - Customer portal giving full control and overview of your installation

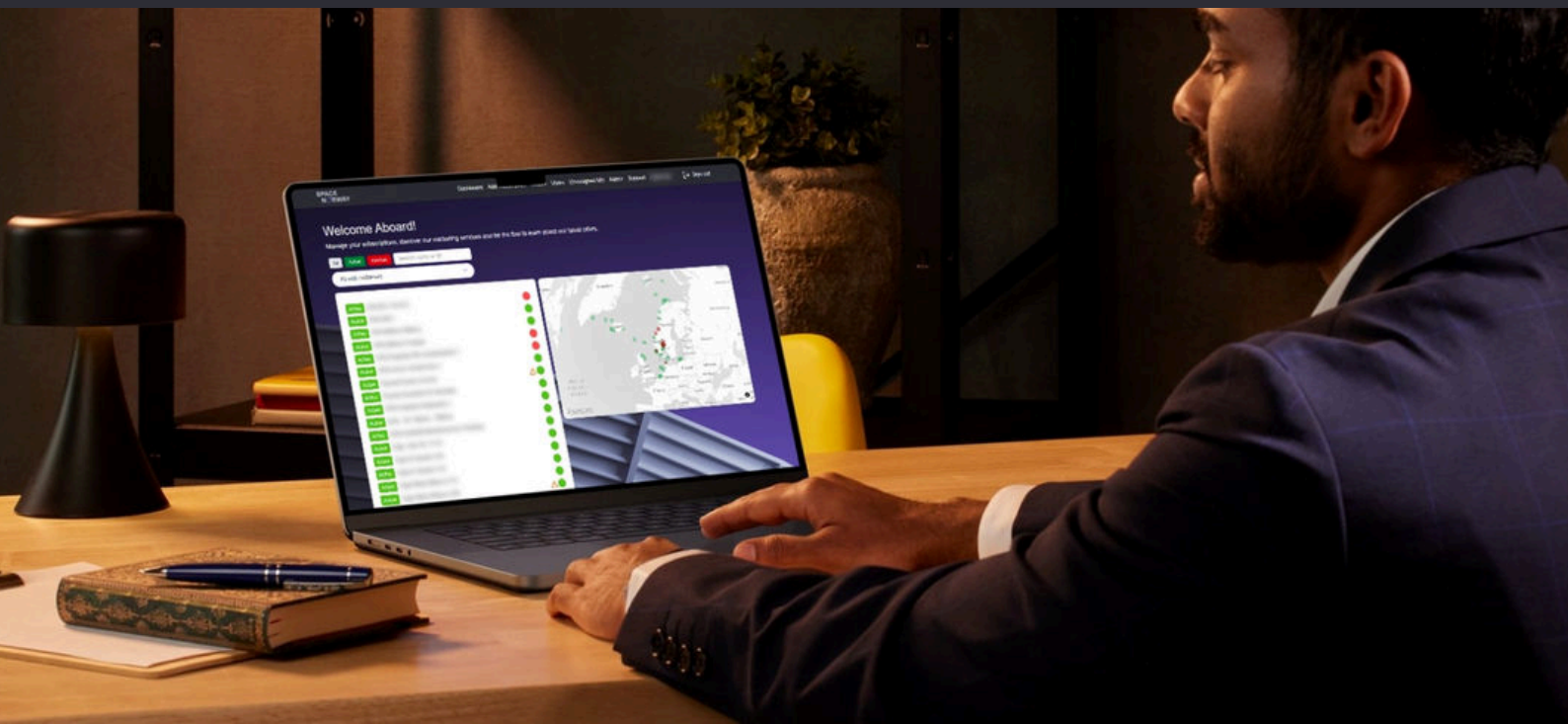


STARLINK AUTHORIZED
RESELLER

LEO Bridge - Customer Portal

Manage subscriptions and grow your services with our latest offers. Get full control of your end customers and equipment from a single, easy-to-use portal.

- Customer friendly portal
- Manage your subscriptions
- Monitor the performance and approximate location of your sites
- Verify End Customer Orders
- Add new End Customer companies and users
- Add Starlink kits to your account
- Access Support page with the latest procedures and troubleshooting guides



Technical Specifications and Recommended Usage

Technical Specifications

Recommended Usage

THOR Fixed

- Speeds typically up to ~ 24/6 Mbps
- Sufficient for Teams meeting with 100+ participants with screen sharing and video
- Latency around ~600 ms, adequate for most applications, not noticable on Teams
- VSAT antenna (75 or 120 cm, depending on your location) with 3W Ka-band transceiver
- VSAT modem (MDM2510) Dialog baseband solution providing state of the art return technology (Mx-DMA)

THOR Fixed is designed for back-up connectivity when data sovereignty and reliability are essential.

THOR Fixed is a tested solution designed to be resilient for restoring links when terrestrial networks fail.

Suitable when data sovereignty and reliability are the key requirements.

Starlink Performance Gen 3

- Speeds up to ~ 475Mbps/75Mbps
- Latency typically around 20-40ms
- Wider field of view 140°
- IP69K environmental rating
- Weight 5.2 Kg
- Operating temperature -40°C to 60°C
- Starlink Router included
- Wedge, flat or pipe mount included

The Starlink Performance Gen 3 is designed for harsh environments, business operations, or maritime usage

It is built for professional, demanding use rather than casual browsing. The kit has a wider field of view, can be attached to vehicles and has a higher snow melt capability.

Starlink Enterprise

- Speeds up to ~ 220Mbps/25Mbps
- Latency typically around 20-40ms
- Field of view 110°
- IP67 environmental rating
- Weight 12.20 Kg
- Operating temperature -30°C to 50°C
- Requires 3rd party router
- Wall mount or pipe adaptor included

The Starlink Enterprise Kit is well-suited for various industries needing reliable internet in challenging locations. Connect directly to a third-party router. Includes 50m industrial grade cables.

Starlink Mini

- Speeds up to ~220Mbps/25Mbps
- Latency typically around 20-40ms
- Field of view 110°
- IP67 environmental rating
- Weight 1.16 Kg
- Wi-Fi coverage about 112 m²
- Operating temperature -30°C to 50°C

Compact Starlink Mini with integrated Wi-Fi. Continuous connectivity on the pause giving you optimised access via satellite. Optional portable power station for off the grid power. (e.g. EcoFlow River 2 Pro) Optional protective case for fast field deployment.

**SPACE
NORWAY**

Space
for More

Building on our proud legacy of innovation, Space Norway aims to expand its reach and strategically utilise space to protect, explore, and enrich society. Through media broadcasting, satellite communications, and critical government connectivity services, we serve and support communities in an increasingly interconnected world.



For business inquiries,
please scan the QR code
to contact us.

spacenorway.com