

CELLULAR BACKHAUL

Your cellular service will reach everywhere

Extend your cellular service coverage where other technologies do not reach, in a quick, secure way.



OUR SERVICE

With our **Cellular Backhaul**, mobile operators can extend their 2G, 3G, 4G and 5G coverage, in a quick and secure way, thanks to our cost-effective satellite solution which is supported by Telefónica's team of experts.

We provide cutting-edge technologies that can be deployed across the world, including islands and archipelagos. These are tailored to our

customers' needs and are continually updated to ensure our customers always have access to the latest technology.

We also offer significant presence across the Americas, Europe and North Africa where we offer the best coverage thanks to our own infrastructure which is extended further through strategic partnerships.

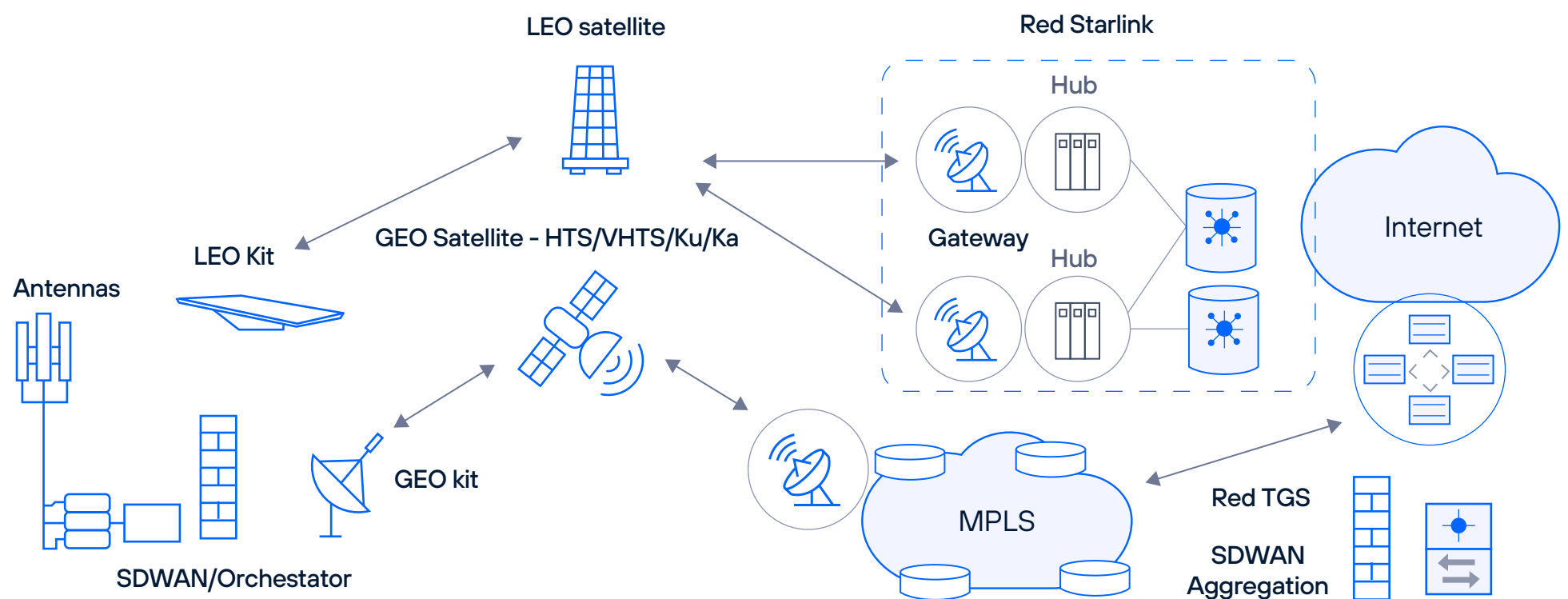
Strengthen your business without boundaries

Reach your customers without location restrictions, with our **Satellite Backhaul** solution

Suitable for expansion plans, backup links, rapid deployment to meet the demands of temporary events or disaster recovery situations, or to meet government coverage requirements in remote areas and rural environments.

- **Expansion of mobile coverage (2G/3G/4G/5G)**, easing the interconnection between BSC/RNC/Core and new BTS/ERB/NodeB.
- **All IP** convergence and **OpenRAN** compatibility
- **Backup of land-based links and high speed trunk links**: rapid deployment for either user or priority traffic (billing).
- **Optimization, advanced acceleration** techniques to guarantee efficiency and e2e performance between satellite and mobile network environments.
- **Solution in LEO, MEO Ka, Ku and C bands.**
- **Flexible O&M model**, both on-site management and field service.
- **In-cloud model** or per station.
- **Turn-key solution**: Gateway and HUB, remote stations, satellite bandwidth, optimization/acceleration, installation, and O&M.

Hybrid Satellite system



How does Cellular Backhaul help?

- **Comply with your coverage commitments** in suburban areas, remote zones and rural environments.
- **Extend coverage to remote areas**, expand your customer base and increase the ARPU of current ones.
- **Minimize OPEX**, maximize efficiency and performance with bandwidth optimization solutions.
- **Customized and scalable service**, aligned with customer needs (network, bandwidth, coverage, faster deployment).
- **E2E support and consultancy**: Design, engineering, deployment, integration and O&M.
- **3 specialized 24x7 NOCs** in "Follow the Sun" mode and SLA commitment.
- **Multilingual Customer Service** (Spanish, English and Portuguese).
- **Highly specialized team, multi-vendor and multi-product**, with extensive experience in satellite, cellular and connectivity technology. Non-stop innovation applied to the business.
- We work with the **main providers of terminals, platform and satellite capacity**.
- **Flexible contracting model**: Ad-hoc and turnkey project or managed service.

The challenging connectivity environments **value generated by the Telefónica Group** guarantees the highest quality in the most challenging connectivity environments.

