

International Services

Cellular Backhaul

CHALLENGE • CREATE • CONNECT

Mobile operators grow their business and ARPU by extending their network coverage to reach additional subscribers and provide connectivity to new, untapped territories. The lack of communication infrastructure between a remote location and the core network poses a significant challenge for the desired expansion.

Gilat Satcom cellular backhaul solutions include equipment, integration and the required space segment for ongoing service. The CAPEX free offering is designed to eliminate initial investment and support business growth.

Gilat Satcom offers cellular backhaul solutions via satellite enabling operators to expand their networks quickly and cost effectively. By leveraging satellite networks, mobile operators can reach any remote location, bridge over network gaps while avoiding costly terrestrial deployments.

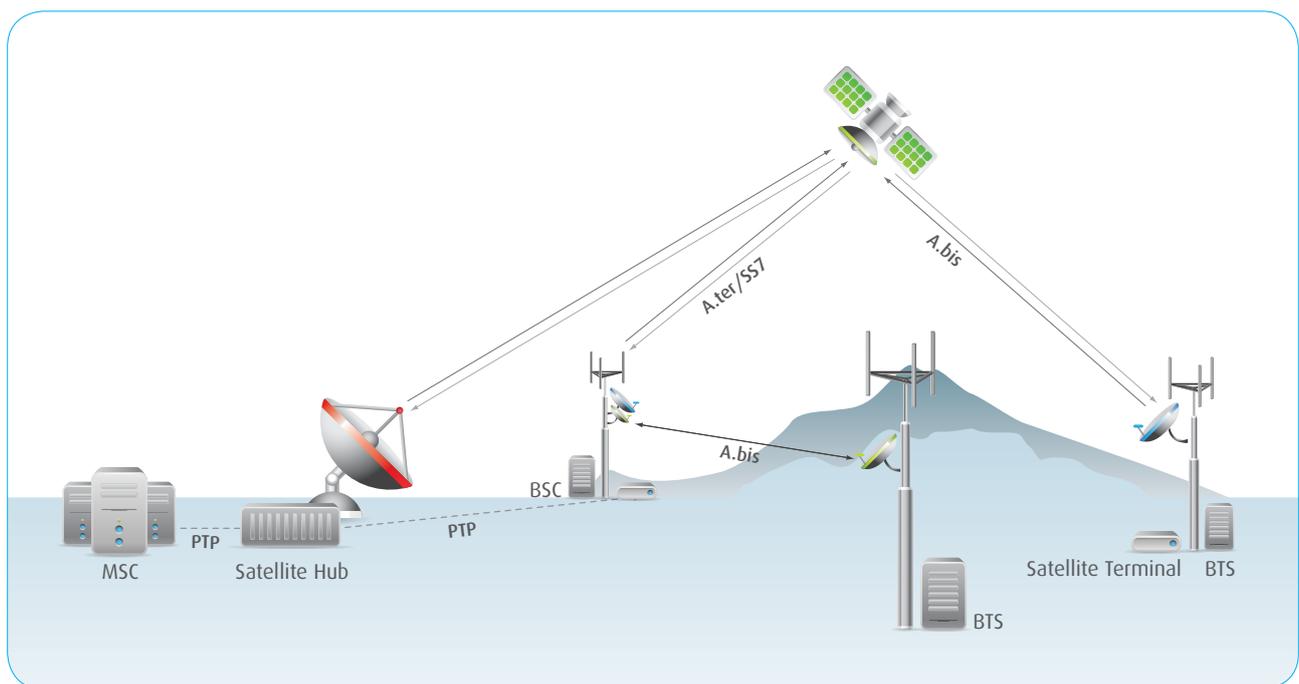
Gilat Satcom's satellite based communication platform is vendor agnostic, which enables seamless integration with the mobile operator's core network. This infrastructure is also future proof ensuring smooth transitions to new cellular technologies such as 3G and beyond.

The solution is based on a single Hub, which is connected to a Mobile Switching Center (MSC/BSC). The MSC/BSC connects multiple BTS stations. As the subscriber numbers grow, the network capacity can quickly expand with this scalable architecture that supports many concurrent cells and bandwidth allocation on demand.

With Gilat Satcom cellular backhaul solution, Greenfield operators can enter the market quickly with a CAPEX free offering and turnkey projects without the need for additional investment. Our outsourcing services enable existing operators to focus on their core business.

BENEFITS

- Highly scalable and able to support many concurrent cells
- CAPEX free and pay as you grow models
- Fast initial deployment and expansion
- Turnkey solutions
- Technology agnostic supporting BTS vendor
- Central monitoring and management



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