

Reliable and secure communications for Oil and Gas

Extending communications is a crucial part of operations for Oil and Gas companies, and with the advent of IoT, big data enablement is set to provide companies with real time analytics for exceptional operational efficiency.

With its state-of-the-art network infrastructure and high data-rate bandwidth, Avanti ensures secure and reliable voice and data communication to offshore platforms and remote locations, allowing always-on communication between remote offices and HQ and improved crew welfare.

Optimised cost of operations

Extending communications is a crucial part of operations for Oil and Gas companies, and with the advent of IoT, big data enablement is set to provide companies with real time analytics for exceptional operational efficiency.

With its state-of-the-art network infrastructure and high data-rate bandwidth, Avanti ensures secure and reliable voice and data communication to offshore platforms and remote locations, allowing always-on communication between remote offices and HQ and improved crew welfare.

Ultra resilience – 99.95% SLA

Avanti's multiple data centres and Gateway Earth Stations deliver “carrier grade” redundancy and resilience.

Secure performance

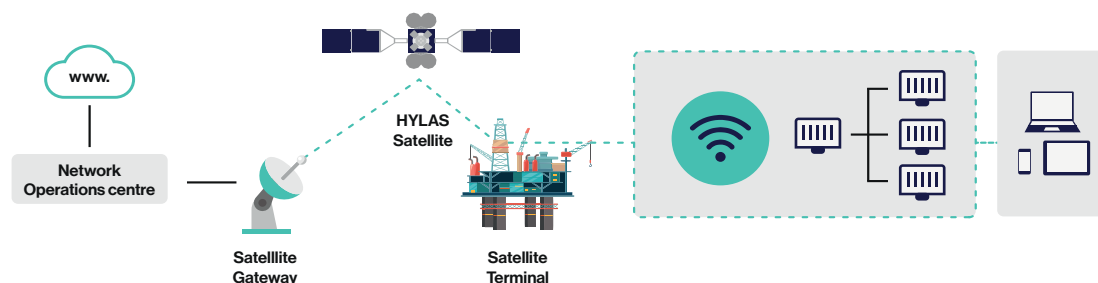
Whether it be remote exploration, drilling, pipeline management, refinery monitoring or environmental safety, we securely connect the remote sites to the network and head office. Thanks to our highly reliable connectivity, you can securely monitor and process operations in real-time.

Dynamic bandwidth pool management

The network is automatically adjusting at all times to meet the changing demands on a needs driven basis. Various control mechanisms in the network prioritise applications to ensure each site and application meets its minimum bandwidth requirements.

Crew welfare

Satellite communication provides the remote crew with fast internet communication –allowing them to stay in contact their friends and family, to be connected to social media platforms and watch bandwidth-heavy streaming applications, whether on laptops, mobile phones. Avanti Ka-band connectivity provides high data rates without compromise on quality, a big advantage from legacy Ku-band systems.

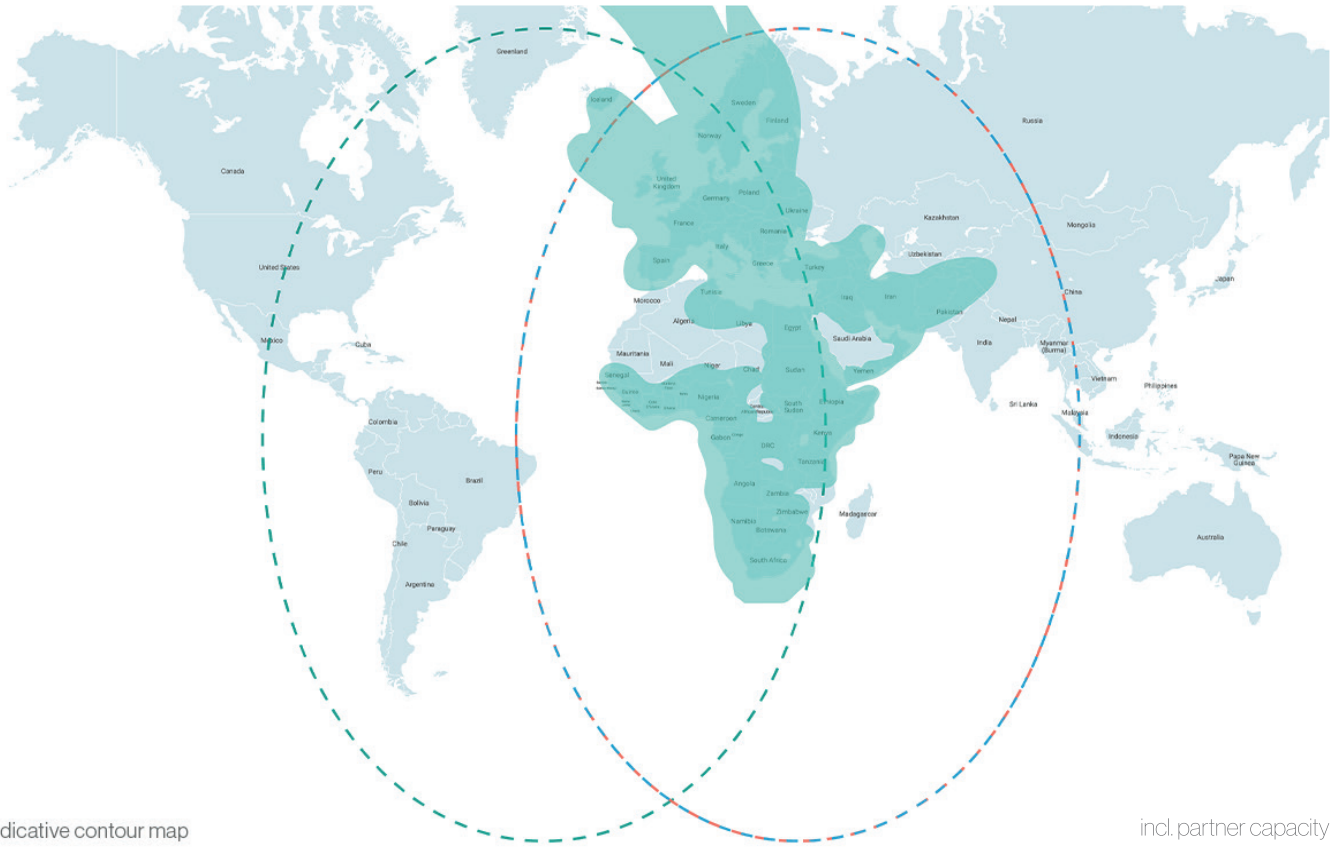


Use Case

A leading global service provider was requiring a high-speed satellite link to connect remote oil fields in Iraq with the regional offices and network management across its larger sites. The quality of the Ka-band technology uniquely addressed the providers multiple demands and having previously used other technologies. they have been extremely impressed with the high-speed data services and integration capabilities of Avanti's network.



We are the leading Ka-band high-throughput satellite capacity partner to the communications industry in Europe, Middle East and Africa. We extend and guarantee coverage for enterprise solutions, defence missions and critical public services.



Indicative contour map

incl. partner capacity



Be More.

Contact



www.avanti.space



contact@avanti.space



+44 (0) 20 7749 1600