CONNECTIVITY

ADVANCE GEO/LEO FOR OIL & GAS

KEY FEATURES

Fibre experience with low latency
Global coverage
Quick-to-deploy
Data and business security
24/7 technical assistance support

HIGH SPEED CONNECTIVITY ANYWHERE IN THE WORLD

The oil and gas industry faces various connectivity issues that impact operations and communications. Common challenges include remote locations with unreliable connections…. Our pioneering connectivity solution offers the scalability, speed and coverage you need to supercharge your operations in this highly competitive era, enabling your business to unlock the full potential of every opportunity – no matter where it is in the world.

Why Eutelsat ADVANCE LEO

Delivered by our Geostationary or Low Earth Orbit (GEO/LEO) satellites, deploy ADVANCE as your primary connectivity solution to address all of your operational challenges in the most remote and unserved areas. Better still, transcend traditional fibre's limitations with a solution able to resolve connectivity issues at any remote site as well as reinforce data availability via a dedicated global back-up service.

EXPERIENCE
40 years of experience in the satellite industry.

GLOBAL
Take advantage of global coverage on land or offshore.

SECURE
Rely on resilient connectivity where traffic can be diverted if your network comes under attack.

MONITOR
Control & manage your assets through a dedicated customer portal. Your sensors and devices can be managed, provisioned, and orchestrated in real time and on demand.

FAST
Benefit from bandwidth as fast as a fibre link – with download speeds of 190Mbps – plus low latency – down to 100ms.

SIMPLE
Access a quick-to-deploy solution that can integrate with existing SD-WAN architecture and cloud provider ecosystems.

VERSATILE
Use ADVANCE LEO as your primary connectivity solution or as a back-up so terrestrial network outages are resolved at speed.

SUPPORTED
Leverage enterprise-grade connectivity delivered through high SLAs with 24/7 technical assistance support.

COMPLETE
Deploy an easy-to-integrate solution powered by our combined ADVANCE GEO and LEO offering.

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USE CASES

Boost your drilling time, production (throughput), smart maintenance, enhanced field operations and logistics enhancement by using ADVANCE LEO's network-enabled services throughout the oil and gas value chain.

By using ADVANCE, we can enable you to capture and analyse more data, faster across all locations so you can optimise work flows, improve optimisation, automation and drive down cost per barrel.

CASE STUDIES

A SECURE SEA TO SHORE CONNECTION

A major Oil & Gas multinational, who is a customer of our distributor RIAN BV, based in the Netherlands needed connectivity for its newly set up offshore oil platform in Senegal, to support both business communications and crew welfare for the 200 staff.

Our solution

Two packaged solutions, provided by Advance GEO/LEO, have been chosen for the offshore platform: the ADVANCE Ka Committed 10 and 15, with download speeds of 50/3 Mbps and 50/5 Mbps respectively, on the KONNECT satellite.

A 'modem bundle' gathers the throughput of the two packages to give the maximum bandwidth.

With two 120 cm top-of-the-range antennas and the high level of QoS, the company can count on a totally reliable solution.

The Advance portfolio service responds completely to the needs of the staff onboard, providing both the main business connectivity and crew welfare. Moreover, both customer and distributor can access the portal to make upgrades and downgrades directly.

CASE STUDIES

SAIPEM

SAIPEM (a pioneer in offshore drilling and pipeline construction) needed a complete communication network for its large, diverse fleet of vessels and shore bases, both for mission-critical voice and data communications and for crew welfare. In total, they needed to connect 21 shore bases in Europe and Africa and 13 vessels navigating all over the world.

Our solution:

Advance GEO/LEO provides a custom-engineered 150 Mbps global satellite network. Combining SCPC links and a TDMA private network, in C and Ku-band, it uses capacity on several Eutelsat satellites. The SCPC dedicated bandwidth is used mainly on larger vessels, while the TDMA shared access is more suitable for smaller vessels where requirements are less critical and the equipment smaller. Thanks to unique bandwidth efficiency, the unused capacity is reallocated.

The Advance portfolio guaranteed mission-critical communications by a secure, reliable global satellite network with remote sites now extensions of the corporate network. The solution also enables better 'rig-to-rig' communication. Crews on vessels or isolated shore bases can have access to internet, social networks and other applications to stay in touch with their relatives.

For further information, please contact us
www.eutelsat.com/enquiries

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