

Integrated Wireless and WiFi Solutions for Oil & Gas Industry

BUILDING RELIABLE WIRELESS NETWORKS FOR HARSH OIL & GAS ENVIRONMENTS

WE OFFER LONG-RANGE WIFI AND INTRINSICALLY SAFE SOLUTIONS, ATEX/IECEx CERTIFIED, TO ENABLE IT/OT CONVERGENCE IN HAZARDOUS INDUSTRIAL ENVIRONMENTS.

Robust and wide WiFi signal penetration is paramount for oil and gas organizations that require uninterrupted wireless Internet connectivity. We offer integrated wireless and WiFi networks to meet the growing demand for IR4.0 wireless applications.

WHY A RELIABLE INTEGRATED WIFI NETWORK IS CRITICAL?

HARD FACTS

Oil and gas network operations are critical and cannot tolerate downtime. A robust communication infrastructure is essential, supporting real-time applications and remote field operations, which necessitates an uninterrupted, reliable wireless network for continuous, safe operation.

- **WIFI SIGNAL COVERAGE** – Field operation facilities require extremely large wireless and WiFi coverage that provides strong and stable signals.
- **ATEX/IECEx CERTIFIED** – Operating in hazardous environments requires intrinsically safe WiFi access points that meet strict international oil & gas safety compliance.
- **REDUNDANCY NETWORK** – Minimizing WiFi downtime is of utmost importance. Wireless design has to take into consideration a redundant network.
- **SUPPORT MULTI-APPLICATIONS** – Wireless network architecture must support diverse, multi-layer, and mission-critical oil & gas applications.
- **CLOUD BASED MONITORING** – Operation and maintenance of the WiFi network has to be performed anytime, anywhere, with ease.

Aglotel's integrated Wi-Fi and wireless network provides high-capacity broadband infrastructure for the oil and gas sector. With over 30 years of experience, we specialize in delivering reliable, high-performance Wi-Fi solutions tailored to industry needs. Our expertise ensures seamless connectivity for critical operations.

Contact us today for more information.

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