

Global Oilfield Communications Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Oilfield communication refers to communication solutions that provide support to the oil & gas companies that need continuous information about production processes, advanced monitoring, oil exploration, automation, and reporting technology. The global oilfield communication market is expected to grow at a CAGR of around 8% from 2017 to 2025.

Based on solutions, the market is divided into upstream communication solutions, mid-stream communication solutions, and downstream communication solutions. By services, it is classified into professional services, cloud hosting services, and system integration services. Based on communication network technologies, market is segmented into cellular communication network, very small aperture terminal network, fiber optic based communication network, microwave communication network and TETRA network. On the basis of field site, the market is segmented into onshore communication network and offshore communication network. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Rise in need for advanced communication technologies that empower oil companies to get, transfer, and process information with high accuracy

TVWS networks that enable oil and gas companies to reduce

their overall costs significantly

Rapid consumption of gas and petroleum resources

Restraints:

Stringent regulations and compliances over the oil and gas industry

MARKET PLAYERS:

The top players in the global oilfield communication market include Alcatel-Lucent International, ERF Wireless Inc., Harris Caprock Communications Inc., Hermes Data Communications International Ltd., Huawei Technologies Co Ltd., Hughes Network Systems Llc, Inmarsat PLC, ITC Global, Rignet Inc., and Redline Communications Inc.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Solutions

Upstream communication

Operational data communication solutions

Integrated communication technology solutions

On-Site network connectivity solutions

Midstream communication

Pipeline Supervisory Control and Data Acquisition (SCADA)

Fleet management communication

Unified communication for pipeline transportation

Downstream communication

Oilfield to Control Centre Data Communication

Wireless communication for intelligent refineries

By Services

Professional services

Cloud hosting services

System integration services

By communication network technologies

Cellular communication network

Very Small Aperture Terminal (VSAT) Network [Managed, fixed and mobile VSAT]

Fiber optic based communication network

Microwave communication network

TETRA network

By field site

Onshore communication market

Offshore communication market

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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Harris Caprock Communications Inc., Hermes Data Communications International Ltd., Huawei Technologies Co Ltd., Hughes Network Systems Llc, Inmarsat PLC, ITC Global, Rignet Inc., and Redline Communications Inc.

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