

Oilfield Communications: Market Research Report

https://marketpublishers.com/r/O72581F93B7EN.html

Date: January 2019

Pages: 158

Price: US\$ 5,600.00 (Single User License)

ID: O72581F93B7EN

Abstracts

This report analyzes the worldwide markets for Oilfield Communications in US\$ by the following Types: Solutions, and Services.

The report provides separate comprehensive analytics for the US, Canada, Europe, Asia-Pacific, Middle East & Africa, and Latin America. Annual estimates and forecasts are provided for the period 2015 through 2024. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 41 companies including many key and niche players such as -

ABB Ltd.

Alcatel-Lucent S.A.

Ceragon Networks Ltd.

Halliburton

Huawei Technologies Co., Ltd.

Hughes Network Systems LLC



Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Solutions
Services

2. INDUSTRY OVERVIEW

Oilfield Communications – A Critical Part of Oil & Gas Industry
Current & Future Analysis
Communication Providers Focus on Expanding Geographic Reach
Volatile Oil Prices Lay Emphasis on Importance of Effective Communications

Table 1. Global Crude Oil (Brent, & WTI) Price Trends (2011-2018E) (in US\$/barrel) (includes corresponding Graph/Chart)

Growth in Digital Oilfields Drives the Need for Advanced Communication Technologies
Communication Solutions and Services in Upstream Sector
Preferred Technologies in Oil & Gas Exploration and Production
Rise in Deployment of Onshore Oilfield Production Communications Solutions
Rise in Deployment of High Throughput Satellite Solutions

Table 2. E&P Onshore Markets Capacity Demand by Band (In TPEs) (includes corresponding Graph/Chart)

Table 3. E&P Offshore Rigs and Platforms Markets Capacity Demand by Band (In TPEs) (includes corresponding Graph/Chart)

Table 4. E&P Onshore Markets HTS Capacity Demand by Band (In Gbps) (includes corresponding Graph/Chart)

Table 5. E&P Offshore Markets HTS Capacity Demand by Band (In Gbps) (includes



corresponding Graph/Chart)

Global Market for VSAT

Table 6. Global VSAT Demand in Gbps: 2015-2022 (includes corresponding Graph/Chart)

Technology Advancements Drive Growth
Deep Water Drilling Opens New Opportunities

Table 7. Global Oil Production (2010 & 2018E): Percentage Breakdown of Production by Onshore, Offshore, and Offshore Deep Water Activity (includes corresponding Graph/Chart)

Table 8. Global Deepwater Capex (2010-2019) (in US\$ Billion) (includes corresponding Graph/Chart)

Shale Gas Exploration and Production Drive Adoption of Oilfield Communications

Table 9. Global Distribution of Technically Recoverable Shale Gas Resources by Country (includes corresponding Graph/Chart)

3. MARKET TRENDS & ISSUES

Growing Demand for Industrial IoT in the Oil & Gas Sector
Cloud Hosting Gains Traction in Oil and Gas Industry
Unified Collaboration Grows in Demand
Rise in Popularity of Wireless Networks in the Oil & Gas Sector
Subsea Fiber-Optic Networks Find New Opportunities
Rise in Acceptance of M2M Apps in the Oil & Gas Sector

Table 10. Installed Base of Wireless M2M Devices (in Thousand Units) in the Global Oil & Gas Industry: 2013-2020 (includes corresponding Graph/Chart)

Need for Integrated Safety Solutions Drives the Adoption of SCADA in the Oil & Gas



Sector

Applications for SCADA in the Oil & Gas Sector

Oil Exploration & Production

Wellhead Automation

Equipment Condition Monitoring

Marketing, Distribution, & Transport

IP SCADA Gains Popularity in the Oil & Gas Sector

Video Surveillance - A Critical Need

Big Data Analysis Gains Significance

Growing Demand for LTE Technology in Oilfield Operations

Visualization of Production Processes

Security Monitoring

4. PRODUCT OVERVIEW

Oilfield Communication – An Introduction

Solutions

Services

User Interface & Environment

Integrated Data & Voice Networks

Major Communication Technologies in E&P Operations

Wireless Technologies in Upstream Oil & Gas Industry

Point-to-Point Microwave

Multipoint Broadband Wireless

TETRA

Fiber Optics in Upstream Oilfield Communication

5. COMPETITIVE LANDSCAPE

5.1 Focus on Select Players

ABB Ltd. (Switzerland)

Alcatel-Lucent S. A. (France)

Ceragon Networks Ltd. (USA)

Halliburton (USA)

Huawei Technologies Co., Ltd. (China)

Hughes Network Systems LLC (USA)

Inmarsat plc (UK)



ITC Global (USA)

Oz Oil and Gas, Inc. (USA)

Redline Communications Group (Canada)

RigNet, Inc. (USA)

SpeedCast International Limited (Australia)

Weatherford International Ltd. (USA)

5.2 Product Innovations/Introductions

Huawei Introduces eLTE-DSA Solution for Oil & Gas Industry

Moog Focal Introduces QSS Module for Oilfield Communications

5.3 Recent Industry Activity

Global Marine Completes Fibre Optic Cable Installations in UK North Sea

RigNet Acquires Auto-Comm and SAFCON

Speedcast Bags VSAT License to operate in Iraq

RigNet Acquires Data Technology Solutions (DTS)

Harris Corporation Sells CapRock Communications to SpeedCast International

6. GLOBAL MARKET PERSPECTIVE

Table 11. World Recent Past, Current & Future Analysis for Oilfield Communications by Geographic Region - US, Canada, Europe, Asia-Pacific, Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 12. World 10-Year Perspective for Oilfield Communications by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Europe, Asia-Pacific, Middle East & Africa, and Latin America Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Oilfield Communications by Type

Table 13. World Recent Past, Current & Future Analysis for Oilfield Communication Solutions by Geographic Region - US, Canada, Europe, Asia-Pacific, Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 14. World 10-Year Perspective for Oilfield Communication Solutions by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Europe,



Asia-Pacific, Middle East & Africa, and Latin America Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Table 15. World Recent Past, Current & Future Analysis for Oilfield Communication Solutions by Application - Upstream, Midstream, and Downstream Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 16. World 10-Year Perspective for Oilfield Communication Solutions by Application - Percentage Breakdown of Revenues for Upstream, Midstream, and Downstream Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Table 17. World Recent Past, Current & Future Analysis for Oilfield Communication Services by Geographic Region - US, Canada, Europe, Asia-Pacific, Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 18. World 10-Year Perspective for Oilfield Communication Services by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Europe, Asia-Pacific, Middle East & Africa, and Latin America Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

7. REGIONAL MARKET PERSPECTIVE

7.1 The United States
A. Market Analysis
Outlook
Market Review

Table 19. Oil and Gas Drilling Rigs Count in the US (2011-2018): Breakdown of Average Number of Rigs for Oil Rigs, Gas Rigs, and Others (includes corresponding Graph/Chart)

Table 20. Oil and Gas Drilling Rigs Count in the US (2011-2018): Percentage Breakdown of Average Number of Rigs for Land-Based Rigs and Offshore Rigs (includes corresponding Graph/Chart)



Shale Plays Bring in a Transformation in Energy Mix

Table 21. The US Shale Industry: Oil Production by Select Basins (includes corresponding Graph/Chart)

Table 22. Share of Shale Oil in Total US Oil Production (2017) (includes corresponding Graph/Chart)

Competition

Table 23. Leading Players in the US Oilfield Communications Market (2017): Percentage Share Breakdown of Revenues for SpeedCast International, RigNet and Others (includes corresponding Graph/Chart)

B. Market Analytics

Table 24. The US Recent Past, Current & Future Analysis for Oilfield Communications by Type - Solutions and Services Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 25. The US 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

7.2 Canada

A. Market Analysis

Outlook

Canadian Oil and Gas Industry – A Brief Review

Table 26. Oil and Gas Rig Count in Canada (2011-2018): Breakdown of Average Rig Count by Oil Rigs and Gas Rigs (includes corresponding Graph/Chart)

B. Market Analytics



Table 27. Canadian Recent Past, Current & Future Analysis for Oilfield Communications by Type - Solutions and Services Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 28. Canadian 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

7.3 Europe
A. Market Analysis
Outlook
Europe Oilfield Communication Market
Oil and Gas Industry in Select Markets
Russia
Norway

Oil and Gas Industry – A Sneak Peek

B. Market Analytics

Table 29. European Recent Past, Current & Future Analysis for Oilfield Communications by Geographic Region - UK, Russia, Norway and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 30. European 10-Year Perspective for Oilfield Communications by Geographic Region - Percentage Breakdown of Revenues for UK, Russia, Norway and Rest of Europe Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Table 31. European Recent Past, Current & Future Analysis for Oilfield Communications by Type - Solutions and Services Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 32. European 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)



7.4 Asia-PacificA. Market AnalysisOutlookOil and Gas Industry – A ReviewB. Market Analytics

Table 33. Asia-Pacific Recent Past, Current & Future Analysis for Oilfield Communications by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 34. Asia-Pacific 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for China, India and Rest of Asia-Pacific Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Table 35. Asia-Pacific Recent Past, Current & Future Analysis for Oilfield Communications by Type - Solutions and Services Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 36. Asia-Pacific 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

7.5 The Middle East & Africa

A. Market Analysis

Outlook

Market Review

Companies Focus on the Deployment of Smart Technologies to Run Oilfields Key Statistical Findings

Table 37. Proven Oil Reserves in the Middle East (2017): Breakdown of Volume Reserves by Country (in Thousand Tonnes) (includes corresponding Graph/Chart)

Table 38. Oil and Gas Rig Count in the Middle East (2018 1H and 2017): Percentage Share Breakdown by Rig Counts (includes corresponding Graph/Chart)



Africa

Table 39. Proven Oil Reserves in Africa (2017): Breakdown of Volume Reserves by Country (includes corresponding Graph/Chart)

Rise in Spending on Automation & Control Systems in Sub-Saharan Africa B. Market Analytics

Table 40. The Middle East & Africa Recent Past, Current & Future Analysis for Oilfield Communications by Geographic Region - Iran, Saudi Arabia, and Rest of Middle East & Africa Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 41. The Middle East & Africa 10-Year Perspective for Oilfield Communications by Geographic Region - Percentage Breakdown of Revenues for Iran, Saudi Arabia, and Rest of Middle East & Africa Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Table 42. The Middle East & Africa Recent Past, Current & Future Analysis for Oilfield Communications by Type - Solutions and Services Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 43. The Middle East & Africa 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

7.6 Latin AmericaA. Market AnalysisOutlookOil and Gas Industry – A Review

Table 44. Number of Planned and Proposed Deepwater Projects in Brazil, Guyana and Mexico (2018-2020) (includes corresponding Graph/Chart)

Table 45. Average Rig Count in Latin America (2011-2017) (includes corresponding



Graph/Chart)

Table 46. Proven Crude Oil Reserves in Latin America by Country (includes corresponding Graph/Chart)

B. Market Analytics

Table 47. Latin American Recent Past, Current & Future Analysis for Oilfield Communications by Geographic Region - Brazil, Mexico and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 48. Latin American 10-Year Perspective for Oilfield Communications by Geographic Region - Percentage Breakdown of Revenues for Brazil, Mexico and Rest of Latin America Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

Table 49. Latin American Recent Past, Current & Future Analysis for Oilfield Communications by Type - Solutions and Services Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2015 through 2024 (includes corresponding Graph/Chart)

Table 50. Latin American 10-Year Perspective for Oilfield Communications by Type - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

8. COMPANY PROFILES

Total Companies Profiled:

The United States (12)

Canada (5)

Europe (13)

France (1)

Germany (2)

The United Kingdom (4)

Rest of Europe (6)

Asia-Pacific (Excluding Japan) (7)

Middle East (4)



I would like to order

Product name: Oilfield Communications: Market Research Report
Product link: https://marketpublishers.com/r/O72581F93B7EN.html

Price: US\$ 5,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/O72581F93B7EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970