Oilfield Communications Market by Solution, Communication Network Technology (Cellular Communication, VSAT, Fiber Optic, Microwave, and Tetra Network), Field Site, Service, and Region - Global Forecast to 2022

Description: “Increase in integration of departments in the oil and gas industry is driving the oilfield communications market”

The oilfield communications market size is estimated to grow from USD 3.05 billion in 2017 to USD 4.46 billion by 2022, at a Compound Annual Growth Rate (CAGR) of 7.9%. Integration of departments in the oil and gas industry and increasing significance of cyber security are some of the driving factors of the oilfield communications market. However, stringent regulatory norms and perceived risk for inadequate data security, asset security, monitoring, and maintenance are some of the restraining factors that may hamper business critical functions in the oilfield communications market.

“The M2M communication solution market is expected to be the fastest growing market in the oilfield communication market during the forecast period”

M2M communication solution is the fastest growing market that helps in driving the oilfield communications market during the forecast period. This solution allows quick exchange of information without any data loss and also manages large volumes of data produced, transmitted, and stored in the digital oilfield environment. The fleet management communication solution is expected to hold the largest market share in the oilfield communications market during the forecast period.

“On the basis of communication network technology, VSAT communication network is expected to hold the largest market share in the oilfield communications market during the forecast period”

The VSAT communication network is expected to have the largest market share during the forecast period because of its ability to sustain in a harsh environment, cost-effectiveness, flexibility, high network performance, and large data broadcast capability. In VSAT communication network type, fixed VSAT network is expected to have the largest market share in the oilfield communications market during the forecast period.

“Middle East & Africa (MEA) is expected to grow at the highest rate during the forecast period“

With the development and discovery of new subsea oilfields, MEA is expected to grow at the highest CAGR during the forecast period, whereas, North America is expected to hold the largest market share in the oilfield communications market during the forecast period.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with the key people. The breakup of profiles of primary participants is given below:

- By Company: Tier 1: 27%, Tier 2: 28%, and Tier 3: 45%
- By Designation: C level: 28%, Director level: 30%, and Others: 42%
- By Region: North America: 38%, Europe 32%, and APAC: 30%

The various key vendors profiled in the report are as follows:

1. Huawei Technologies Co. Ltd.
2. Siemens AG
3. SpeedCast International Limited
4. ABB Ltd.
5. CommScope
6. Inmarsat Plc
7. Tait Communications
8. Baker Hughes Incorporated
The oilfield communication market has been segmented on the basis of solutions, communication network technologies, field sites, services, and regions. A detailed analysis of the key industry players has been done to provide key insights into their business overview, products and services, key strategies, new product launches, partnerships, agreements, collaborations, expansions, and competitive landscape associated with the oilfield communications market.

Reasons to Buy the Report

The report will help the market leaders/new entrants in this market in the following ways:

- This report segments the oilfield communications market comprehensively and provides the closest approximations of the revenue numbers for the overall market and subsegments across different regions.
- The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.
- This report will help stakeholders to better understand the competitors and gain more insights to improve their position in the business. The competitive landscape section includes competitive ecosystem, new product developments, partnerships, and mergers & acquisitions.

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
1.4 Years Considered for the Study
1.5 Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.2 Primary Data
2.1.2.1 Breakdown of Primaries
2.2 Market Size Estimation
2.3 Micro-Quadrant Research Methodology
2.3.1 Vendor Inclusion Criteria
2.4 Research Assumptions
2.5 Limitations

3 Executive Summary

4 Premium Insights
4.1 Attractive Market Opportunities in the Oilfield Communications Market
4.2 Oilfield Communications Market, By Communication Network Technology
4.3 Oilfield Communications Market
4.4 Oilfield Communications Market Potential
4.5 Oilfield Communications: Regional Market
4.6 Lifecycle Analysis, By Region, 2017

5 Market Overview
5.1 Introduction
5.2 Market Dynamics
5.2.1 Drivers
5.2.1.1 Integration of Departments in the Oil and Gas Industry
5.2.1.2 Rising Vulnerabilities to Cybersecurity Threats for Oil and Gas Industry
5.2.2 Restraints
5.2.2.1 Stringent Regulatory Norms
5.2.2.2 Perceived Risk of Inadequate Data Security, Asset Security, Monitoring, and Maintenance
5.2.3 Opportunities
5.2.3.1 Development and Discovery of New Subsea Oilfields
5.2.3.2 Rising Demand for Cost-Effective Solutions in the Oil and Gas Industry
5.2.4 Challenges
5.2.4.1 Security of Information
5.2.4.2 Downturn of the Oil and Gas Industry
5.3 Regulations
5.3.1 The Petroleum and Natural Gas Regulatory Board (PNGRB) Act (India)
5.3.2 Safety of Offshore and Oil and Gas Operations Directive (Europe)
5.3.3 National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA), Australia
5.3.4 Health and Safety Executive (HSE), United Kingdom

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Evolution

7 Oilfield Communications Market Analysis, By Solution
7.1 Introduction
7.2 M2M Communication
7.3 Asset Performance Communication
7.4 Unified Communication
7.5 VoIP
7.6 Video Conferencing
7.7 Pipeline Scada
7.8 Fleet Management Communication
7.9 Oilfield to Control Center Data Communication
7.10 Wi-Fi Hotspot
7.11 Others

8 Oilfield Communications Market Analysis, By Communication Network Technology
8.1 Introduction
8.2 Cellular Communication Network
8.3 Vsat Communication Network
8.3.1 Vsat Communication By Network Type
8.3.1.1 Managed Vsat Network
8.3.1.2 Fixed Vsat Network
8.3.1.3 Mobile Vsat Network
8.3.2 Vsat Communication By Band Type
8.3.2.1 L-Band
8.3.2.2 High Throughput Satellite (HTS)
8.3.2.3 Ku-Band
8.3.2.4 C-Band
8.4 Fiber Optic-Based Communication Network
8.5 Microwave Communication Network
8.6 Tetra Network

9 Oilfield Communications Market Analysis, By Field Site
9.1 Introduction
9.2 Onshore Communications
9.3 Offshore Communications

10 Oilfield Communications Market Analysis, By Service
10.1 Introduction
10.2 Professional Services
10.3 Managed Services

11 Geographic Analysis
11.1 Introduction
11.2 North America
11.3 Europe
11.4 Asia Pacific
11.5 Middle East and Africa
11.6 Latin America

12 Competitive Landscape
12.1 Overview
12.2 Market Share Analysis, Oilfield Communications Market
12.3 Strategic Benchmarking
12.3.1 Technology Integration and Product Enhancement
12.4 Vendor Dive Overview
12.4.1 Vanguards
12.4.2 Innovators
12.4.3 Dynamic
12.4.4 Emerging
12.5 Competitive Benchmarking
12.5.1 Product Offerings (For All 25 Players)
12.5.2 Business Strategies (For All 25 Players)

13 Company Profiles
(Overview, Financials, Products & Services, Strategy, and Developments) -
13.1 Huawei Technologies Co. Ltd.
13.2 Siemens AG
13.3 Speedcast International Limited
13.4 ABB Ltd
13.5 Commscope, Inc.
13.6 Inmarsat PLC
13.7 Tait Communications
13.8 Baker Hughes Incorporated
13.9 Alcatel-Lucent S.A.
13.10 Ceragon Networks Ltd.
13.11 Rad Data Communications, Inc.
13.12 Rignet, Inc.
13.13 Hughes Network Systems LLC
13.14 Airspan Networks, Inc.
13.15 Commtel Networks Pvt. Ltd.

- Details on Overview, Financials, Product & Services, Strategy, and Developments Might Not Be Captured in Case of Unlisted Companies.

14 Appendix
14.1 Discussion Guide

List of Tables

Table 1 Evaluation Criteria
Table 2 Global Oilfield Communications Market Size and Growth Rate, 2015-2022 (USD Million, Y-O-Y %)
Table 3 Oilfield Communications Market Size, By Component, 2015-2022 (USD Million)
Table 4 Oilfield Communications Market Size, By Solution, 2015-2022 (USD Million)
Table 5 M2M Communication Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 6 Asset Performance Communication Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 7 Unified Communication Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 8 VoIP Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 9 Video Conferencing Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 10 Pipeline Scada Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 11 Fleet Management Communication Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 12 Oilfield to Control Center Data Communication Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 13 Wi-Fi Hotspot Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 14 Others Solution: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 15 Oilfield Communications Market Size, By Communication Network Technology, 2015-2022 (USD Million)
Table 16 Cellular Communication Network: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 17 Vsat Communication Network: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 18 Vsat Communication Network Market Size, By Network Type, 2015-2022 (USD Million)
Table 19 Managed Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 20 Fixed Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 21 Mobile Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 22 Vsat Network Market Size, By Band Type, 2015-2022 (USD Million)
Table 23 L-Band Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 24 HTS Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 25 Ku-Band Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 26 C-Band Vsat Network Market Size, By Region, 2015-2022 (USD Million)
Table 27 Fiber Optic-Based Communication Network: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 28 Microwave Communication Network: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 29 Tetra Network: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 30 Oilfield Communications Market Size, By Field Site, 2015-2022 (USD Million)
Table 31 Onshore Communications: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 32 Offshore Communications: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 33 Oilfield Communications Market Size, By Service, 2015-2022 (USD Million)
Table 34 Professional Services: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 35 Managed Services: Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 36 Oilfield Communications Market Size, By Region, 2015-2022 (USD Million)
Table 37 North America: Oilfield Communications Market Size, By Component, 2015-2022 (USD Million)
Table 38 North America: Oilfield Communications Market Size, By Solution, 2015-2022 (USD Million)
Table 39 North America: Oilfield Communications Market Size, By Communication Network Technology, 2015-2022 (USD Million)
Table 40 North America: Oilfield Communications Market Size, By Field Site, 2015-2022 (USD Million)
Table 41 North America: Oilfield Communications Market Size, By Service, 2015-2022 (USD Million)
Table 42 North America: Oilfield Communications Market Size, By Country, 2015-2022 (USD Million)
Table 43 Europe: Oilfield Communications Market Size, By Component, 2015-2022 (USD Million)
Table 44 Europe: Oilfield Communications Market Size, By Solution, 2015-2022 (USD Million)
Table 45 Europe: Oilfield Communications Market Size, By Communication Network Technology, 2015-2022 (USD Million)
Table 46 Europe: Oilfield Communications Market Size, By Field Site, 2015-2022 (USD Million)
Table 47 Europe: Oilfield Communications Market Size, By Service, 2015-2022 (USD Million)
Table 48 Europe: Oilfield Communications Market Size, By Country, 2015-2022 (USD Million)
Table 49 Asia Pacific: Oilfield Communications Market Size, By Component, 2015-2022 (USD Million)
Table 50 Asia Pacific: Oilfield Communications Market Size, By Solution, 2015-2022 (USD Million)
Table 51 Asia Pacific: Oilfield Communications Market Size, By Communication Network Technology, 2015-2022 (USD Million)
Table 52 Asia Pacific: Oilfield Communications Market Size, By Field Site, 2015-2022 (USD Million)
Table 53 Asia Pacific: Oilfield Communications Market Size, By Service, 2015-2022 (USD Million)
Table 54 Asia Pacific: Oilfield Communications Market Size, By Country, 2015-2022 (USD Million)
Table 55 Middle East and Africa: Oilfield Communications Market Size, By Component, 2015-2022 (USD Million)
Table 56 Middle East and Africa: Oilfield Communications Market Size, By Solution, 2015-2022 (USD Million)
Table 57 Middle East and Africa: Oilfield Communications Market Size, By Communication Network Technology, 2015-2022 (USD Million)
Table 58 Middle East and Africa: Oilfield Communications Market Size, By Field Site, 2015-2022 (USD Million)
Table 59 Middle East and Africa: Oilfield Communications Market Size, By Service, 2015-2022 (USD Million)
Table 60 Middle East and Africa: Oilfield Communications Market Size, By Country, 2015-2022 (USD Million)
Table 61 Latin America: Oilfield Communications Market Size, By Component, 2015-2022 (USD Million)
Table 62 Latin America: Oilfield Communications Market Size, By Solution, 2015-2022 (USD Million)
Table 63 Latin America: Oilfield Communications Market Size, By Communication Network Technology, 2015-
Table 64 Latin America: Oilfield Communications Market Size, By Field Site, 2015-2022 (USD Million)
Table 65 Latin America: Oilfield Communications Market Size, By Service, 2015-2022 (USD Million)
Table 66 Latin America: Oilfield Communications Market Size, By Country, 2015-2022 (USD Million)

List of Figures

Figure 1 Oilfield Communications Market: Market Segmentation
Figure 2 Regional Scope
Figure 3 Oilfield Communications Market: Research Design
Figure 4 Breakdown of Primary Interviews: By Company, Designation, and Region
Figure 5 Data Triangulation
Figure 6 Market Size Estimation Methodology: Bottom-Up Approach
Figure 7 Market Size Estimation Methodology: Top-Down Approach
Figure 8 Oilfield Communications Market: Assumptions
Figure 9 Oilfield Communications Market, By Solution Snapshot (2017 and 2022): M2M Communication Segment is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 10 Global Oilfield Communications Market Snapshot: North America is Expected to Hold the Largest Market Share in 2017
Figure 11 Increasing Demand for Cost-Effective Oilfield Communications Solutions is Pushing the Oilfield Communications Market
Figure 12 Oilfield Communications Market, By Communication Network Technology, 2015-2022 (USD Million): Microwave Communication Network is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 13 North America is Expected to Hold the Largest Share in the Oilfield Communications Market, 2017
Figure 14 Middle East and Africa is Expected to Have the Highest Growth Potential During the Forecast Period
Figure 15 Middle East and Africa is Expected to Grow Faster Than the Other Regions
Figure 16 North America and Middle East and Africa are the Mature Regions Due to the Presence of Major Oil and Gas Producers
Figure 17 Oilfield Communications Market: Drivers, Restraints, Opportunities, and Challenges
Figure 18 Value Chain Analysis: Oilfield Communications Market
Figure 19 Evolution of Oilfield Communications Market
Figure 20 M2M Communication is Expected to Exhibit the Highest Growth Rate in the Oilfield Communications Market
Figure 21 Oilfield Communications Market, By Communication Network Technology
Figure 22 Microwave Communication Network is the Prime Communications Network Technology in the Oilfield Communications Market
Figure 23 Offshore Communications Segment is Expected to Grow at A Rapid Pace in the Global Oilfield Communications Market
Figure 24 Professional Services is Expected to Grow at the Highest CAGR
Figure 25 Regional Snapshot (2017): North America, the Largest Oil and Gas Manufacturers is Expected to Exhibit the Highest Growth Rate
Figure 26 North America Market Snapshot
Figure 27 Middle East and Africa Market Snapshot
Figure 28 Dive Chart
Figure 29 Huawei Technologies Co. Ltd.: Company Snapshot
Figure 30 Huawei Technologies Co. Ltd.: Product Offering Scorecard
Figure 31 Huawei Technologies Co. Ltd.: Business Strategy Scorecard
Figure 32 Siemens AG: Company Snapshot
Figure 33 Siemens AG: Product Offering Scorecard
Figure 34 Siemens AG: Business Strategy Scorecard
Figure 35 Speedcast International Limited: Company Snapshot
Figure 36 Speedcast International Limited: Product Offering Scorecard
Figure 37 Speedcast International Limited: Business Strategy Scorecard
Figure 38 ABB Ltd: Company Snapshot
Figure 39 ABB Ltd: Product Offering Scorecard
Figure 40 ABB Ltd: Business Strategy Scorecard
Figure 41 Commscope, Inc.: Company Snapshot (2016)
Figure 42 Commscope, Inc.: Product Offering Scorecard
Figure 43 Commscope, Inc.: Business Strategy Scorecard
Figure 44 Inmarsat PLC.: Company Snapshot
Figure 45 Inmarsat PLC.: Product Offering Scorecard
Ordering:

Order Online - http://www.researchandmarkets.com/reports/4225637/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Oilfield Communications Market by Solution, Communication Network Technology (Cellular Communication, VSAT, Fiber Optic, Microwave, and Tetra Network), Field Site, Service, and Region - Global Forecast to 2022
Web Address: http://www.researchandmarkets.com/reports/4225637/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 8500</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 9650</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 11000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  Mr  Mrs  Dr  Miss  Ms  Prof
First Name: __________________________ Last Name: __________________________
Email Address: * __________________________
Job Title: __________________________
Organisation: __________________________
Address: __________________________
City: __________________________
Postal / Zip Code: __________________________
Country: __________________________
Phone Number: __________________________
Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp