M2M Applications in the Oil and Gas Industry, 3rd Edition

Description: 'M2M Applications in the Oil and Gas Industry' is the third consecutive report analysing the latest developments on the use of wireless M2M technologies in this industry vertical worldwide. This strategic research report provides you with 140 pages of unique business intelligence, including 5-year industry forecasts, expert commentary and real-life case studies on which to base your business decisions.

This study investigates the worldwide market for wireless M2M applications in the oil and gas industry. Typical applications include pipeline, tank and well field equipment monitoring and control. The installed base of wireless M2M devices in the oil and gas industry is forecast to grow at a compound annual growth rate of 20.1 percent from 0.5 million units at the end of 2014 to 1.25 million units by 2019. Get up to date with the latest information about vendors, products and markets.

Highlights from this report:
- 360-degree overview of the M2M ecosystem in the oil & gas industry.
- Insights from 30 new executive interviews with market leading companies.
- Comprehensive overview of the value chain and key applications.
- In-depth analysis of market trends and key developments.
- Detailed profiles of 64 key players in this market.
- Updated market forecasts lasting until 2019

This report answers the following questions:
- Which are the leading wireless M2M solution providers for oil and gas applications?
- What offerings are available from device vendors and service providers?
- What impact will new regulations have on the market?
- What are the key drivers behind the adoption M2M applications?
- What impact will technology advancements have on the market?
- What is the split between cellular and satellite connectivity?
- What impact will the exploration of unconventional resources have on the market?
- How will the oil & gas M2M app market evolve in the future?

Who should buy this report?
M2M Applications in the Oil and Gas Industry is the foremost source of information about the adoption of wireless M2M technologies in the oil and gas industry. Whether you are a solution vendor, oil & gas company, telecom operator, investor, consultant, or government agency, you will gain valuable insights from this in-depth research.

Contents:

1 The oil and gas industry
1.1 Introduction to the oil and gas industry
1.2 Oil and gas industry players
1.2.1 International and national oil companies
1.2.2 OPEC
1.2.3 Independent Oil and gas exploration and production companies
1.2.4 Oil and gas service companies
1.3 The worldwide oil and gas market
1.3.1 Oil and gas reserves distribution
1.3.2 Oil and gas production
1.3.3 Oil and gas consumption
1.4 Oil and gas production and distribution
1.4.1 Exploration, development and production
1.4.2 Transportation and storage
1.4.3 Refining and marketing

2 Wireless M2M solutions in the oil and gas sector
2.1 Wireless M2M infrastructure in oil and gas
2.1.1 Facilities segment
2.1.2 Service segment
2.1.3 Network segment
2.2 Operations management
2.2.1 Exploration and production management
2.2.2 Distribution and marketing management
2.2.3 Remote site communications
2.3 Equipment management
2.3.1 Equipment diagnostics and maintenance planning
2.3.2 Security and Safety
2.4 Regulatory compliance and reporting
2.4.1 Regulations
2.4.2 Tax collection
2.5 Business models and project strategies

3 Market forecasts and trends
3.1 Market analysis
3.1.1 Installed base and unit shipments
3.1.2 Vertical markets
3.1.3 Regional markets
3.1.4 Major Vendors
3.2 Market drivers and barriers
3.2.1 Macroeconomic environment
3.2.2 Regulatory environment
3.2.3 Competitive environment
3.2.4 Technology environment
3.3 Value chain analysis
3.3.1 Wireless M2M and telemetry industry players
3.3.2 Industrial technology industry players
3.3.3 Oil and gas industry players
3.3.4 Wireless operators and managed service providers
3.3.5 IoT platform and IT industry players
3.4 Future industry trends

4 North American device and solution vendors
4.1 Advantis
4.2 AMCI Wireless
4.3 American Innovations
4.4 Apprion
4.5 Atek Access Technologies
4.6 Banner Engineering
4.7 Belden
4.8 Bentek Systems
4.9 CalAmp
4.10 Critical Control Energy Services
4.11 DataOnline
4.12 Digi International
4.13 Elecsys
4.14 eLynx Technologies
4.15 Emerson
4.16 FreeWave Technologies
4.17 General Electric
4.18 Geoforce
4.19 High Tide Technologies
4.20 Honeywell
4.21 Independent Technologies
4.22 M2M Data Corporation
4.23 Numerex
4.24 OleumTech
4.25 Orbcomm
4.26 Pason Systems
4.27 Pedigree Technologies
4.28 Quake Global
4.29 Red Lion
4.30 Rockwell Automation
4.31 Sierra Wireless
4.32 SPOC Automation
4.33 Telog Instruments
4.34 Telular (SkyBitz, TankLink)
4.35 Trimble
4.36 Vizimax
4.37 WellAware
4.38 Willowglen Systems
4.39 Wireless Seismic
4.40 Xenon
4.41 Zedi
4.42 ZTR Control Systems

5 European and Rest of World device and solution vendors
5.1 ABB
5.2 Eaton
5.3 Eurotech
5.4 GasSecure
5.5 ISA
5.6 Moxa
5.7 Pacific Controls
5.8 Powelectrics
5.9 PSI
5.10 Racom
5.11 Schneider Electric
5.12 Semaphore
5.13 Sensile Technologies
5.14 Sercel
5.15 Siemens
5.16 Silentsoft
5.17 Silicon Controls
5.18 SRETT
5.19 WFS Technologies
5.20 Wireless Innovation
5.21 Yokogawa
5.22 Zencus

Glossary

List of Figures

Figure 1.1: Energy consumption by fuel (World 2014)
Figure 1.2: Oil and gas industry value chain
Figure 1.3: Major integrated oil and gas companies (2014)
Figure 1.4: OPEC member countries
Figure 1.5: Major independent oil and gas operators (World 2014)
Figure 1.6: Major oil and gas service companies (World 2014)
Figure 1.7: Oil and gas reserves distribution (World 2014)
Figure 1.8: Oil & gas production and consumption by region (World 2014)
Figure 1.9: Total final consumption of oil and gas by sector (World 2012)
Figure 1.10: Active oil and gas rigs (World Jan 2008 – May 2015)
Figure 1.11: Oil and gas pipelines by country (World 2013)
Figure 2.1: Overview of wireless M2M infrastructure in oil and gas
Figure 2.2: Examples of SCADA control devices
Figure 2.3: Example of service segment
Figure 2.4: Wireless network characteristics
Figure 3.1: Oil and gas M2M device shipments by technology (World 2013-2019)
Figure 3.2: Oil and gas M2M device shipments by vertical (World 2013–2019)
Figure 3.3: Oil and gas M2M device shipments by region (World 2013–2019)
Figure 3.4: Major wireless M2M vendors in the oil & gas market
Figure 3.5: Data for selected wireless M2M players in the oil & gas market
Figure 3.6: Data for selected industrial technology vendors
Figure 3.7: Major M2M communication service providers
Figure 3.8: Industrial IoT platform vendor landscape
Figure 4.1: Oil and gas M2M solution vendors in North America (A–G)
Figure 4.2: Oil and gas M2M solution vendors in North America (H–Z)
Figure 4.3: American Innovations' Bullhorn solution
Figure 4.4: The SmartEFM solution from CriticalControl
Figure 4.5: Wireless products from High Tide Technologies
Figure 4.6: OleumTech wireless oilfield automation
Figure 4.7: Electronic drilling recorder from Pason Systems
Figure 5.1: Oil and gas M2M solution providers in Europe and Rest of World
Figure 5.2: Sensile Technologies Oil Link remote tank monitoring solution
Figure 5.3: Gaslog telemetry system from Silicon Controls

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3378380/
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: M2M Applications in the Oil and Gas Industry, 3rd Edition
Web Address: http://www.researchandmarkets.com/reports/3378380/
Office Code: SCH31ZN3

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

<table>
<thead>
<tr>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Paper Back):</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

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:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Account number</td>
<td>833 130 83</td>
</tr>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland</td>
</tr>
</tbody>
</table>

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

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World