Flow Computer Market in Oil and Gas by Component (Hardware, Software, & Support Service), by Operation (Upstream, Midstream & Downstream), and by Geography (North America, Europe, Middle East, APAC, & Rest of the World) - Global Forecast to 2020

Description: The flow computer devices are used in the oil and gas industries for the measurement of liquid and gas supplies. Flow computers take inputs from flow meters, temperature transmitters, and pressure transmitters, and then calculate exact flow of liquid or gas running through the pipelines. It calculates the exact amount of flow with the help of the interfaced devices and records the data, important events, and alarms. Then, that data is transferred to external computers or workstations for inspecting, managing, and accounting. The oil and gas resources are expensive; therefore, their accurate measurement becomes inevitable. The flow computers are, therefore, required in oil and gas sectors at multiple points for accurate flow computing and for reliable flow measurement, monitoring, and control. The market is estimated to reach USD 1.04 Billion by 2020, at a CAGR of 5.5% between 2015 and 2020.

The flow computer market is driven by the three major drivers including increased need for technologically advanced and reliable flow computing systems, improved data computational capacity of flow computers, and suitability in many functions of the oil and gas industry. There is a restraining factor, that is, limiting the growth of flow computers market. This factor is declining oil & gas prices that affect the infrastructure-related investments in oil and gas sectors adversely which ultimately affects the market for flow computers. However, there exists some business opportunities for this market including prospective growth in the flow computing software market and growing implementation of process automation in the oil and gas industry.

This report segments the flow computer market into the components: hardware, software, and support services. In the hardware segment, the market size is estimated for the flow computer device that contributes the largest share in the market. The software component includes the market for independent flow computing application software solutions. The software market is expected to grow at the highest CAGR of 8.0% between 2015 and 2020. The support services segment includes market analysis of repairs and maintenance services for flow computers. The report further segments the market on the basis of operations: upstream, midstream and downstream. In the upstream operations, the flow computers are installed on the upstream production or exploration point such as well heads and Enhanced Oil Recovery (EOR) points, whereas in the midstream and downstream operations segment, the computers are used in pipelines and refineries for metering, meter proving, ticketing, valve controlling, batching, product interfacing, custody transfer, and for other such billing activities.

The report analyzes the flow computer market in various regions such as North America, Europe, Middle East, APAC, and Rest of the World. The North American region accounted for the largest market share in 2014, and it is estimated to grow at the highest CAGR of 6.3% between 2015 and 2020. There are many companies present in the flow computer market including Krohne Messtechnik GmbH (Germany), Thermo Fisher Scientific Inc. (U.S.), Kessler-Ellis Products Co., Inc. (U.S.), FMC Technologies, Inc. (U.S.), Emerson Electric Co. (U.S.), Yokogawa Electric Corporation (Japan), OMNI Flow Computers, Inc. (U.S.), Dynamic Flow Computers Inc. (U.S.), Schneider Electric SA (France), ABB Group (Switzerland), Cameron International Corporation (U.S.), Honeywell International, Inc. (U.S.), and Contrec Europe Limited (U.K.) among others.

Scope of the Report:

This research report categorizes the global flow computer market, based on components, operations, and geographies. Additionally, it also estimates and forecasts the market size of flow computer.

Market, by Component:

In this report, the flow computer market is segmented on the basis of three major components: hardware, software, and support services.
The flow computer market is segmented on the basis of operations. It includes upstream and midstream & downstream operations.

Market, by Geography:

The report analyzes the flow computer market in various regions such as North America, Europe, Middle East, APAC, and Rest of the World. The country-level analysis is also provided in the report.
6.4.1 Bargaining Power of Buyers
6.4.2 Industry Rivalry
6.4.3 Threat of Substitutes
6.4.4 Bargaining Power of Suppliers
6.4.5 Threat of New Entrants

7 Market Analysis, By Component
7.1 Introduction
7.2 Hardware
  7.2.1 Field-Mounted Devices and Panel-Mounted Devices
  7.2.2 Flow Computer - Flow Measurement Standards
7.3 Software
7.4 Support Services

8 Market Analysis, By Operation
8.1 Introduction
8.2 Upstream
8.3 Midstream and Downstream

9 Market Analysis, By Geography
  9.1 Introduction
  9.2 North America
  9.3 Europe
  9.4 Middle East
  9.5 Asia - Pacific
  9.6 Rest of the World

10 Competitive Landscape
  10.1 Overview
  10.2 Major Companies in the Flow Computer Market
    10.3.1 New Product Launches
    10.3.2 Agreements, Partnerships, Joint Ventures, and Contracts
    10.3.3 Acquisitions
    10.3.4 Expansions, Divestments, & Others

11 Company Profiles
  11.1 Introduction
  11.2 Schneider Electric SE
    11.2.1 Business Overview
    11.2.2 Products Offered
    11.2.3 Recent Developments
    11.2.4 MnM View
    11.2.4.1 SWOT Analysis
  11.3 Krohne Messtechnik GmbH
    11.3.1 Business Overview
    11.3.2 Products Offered
    11.3.3 Recent Developments
    11.3.4 MnM View
  11.4 Emerson Electric Co.
    11.4.1 Business Overview
    11.4.2 Products Offered
    11.4.3 Recent Developments
    11.4.4 MnM View
    11.4.4.1 SWOT Analysis
  11.5 ABB Group
    11.5.1 Business Overview
    11.5.2 Products Offered
    11.5.3 Recent Developments
    11.5.4 MnM View
    11.5.4.1 SWOT Analysis
  11.6 Thermo Fisher Scientific Inc.
    11.6.1 Business Overview
11.6.2 Products Offered
11.6.3 Recent Developments
11.6.4 MnM View
  11.6.4.1 SWOT Analysis
11.7 Cameron International Corporation
  11.7.1 Business Overview
  11.7.2 Products Offered
  11.7.3 Recent Developments
  11.7.4 MnM View
  11.7.4.1 SWOT Analysis
11.8 Honeywell International, Inc.
  11.8.1 Business Overview
  11.8.2 Products Offered
  11.8.3 Recent Developments
  11.8.4 MnM View
  11.8.4.1 SWOT Analysis
11.9 Yokogawa Electric Corporation
  11.9.1 Business Overview
  11.9.2 Products Offered
  11.9.3 Recent Developments
  11.9.4 MnM View
  11.9.4.1 SWOT Analysis
11.10 FMC Technologies, Inc.
  11.10.1 Business Overview
  11.10.2 Products Offered
  11.10.3 Recent Developments
  11.10.4 MnM View
  11.10.4.1 SWOT Analysis
11.11 OMNI Flow Computers, Inc.
  11.11.1 Business Overview
  11.11.2 Products Offered
  11.11.3 Recent Developments
11.12 Dynamic Flow Computers, Inc.
  11.12.1 Business Overview
  11.12.2 Products Offered
  11.12.3 Recent Developments
11.13 Contrec Europe Limited
  11.13.1 Business Overview
  11.13.2 Products Offered
  11.13.3 Recent Developments
11.14 Kessler-Ellis Products Co. Inc.
  11.14.1 Business Overview
  11.14.2 Products Offered
  11.14.3 Recent Developments

12 Appendix
  12.1 Insights of Industry Experts
  12.2 Discussion Guide
  12.3 Introducing RT: Real Time Market Intelligence
  12.4 Available Customizations
  12.5 Related Reports

List of Tables
  Table 1 Flow Computer Market, 2013 - 2020
  Table 2 Suitability of Flow Computers in Many Functions of the Oil and Gas Industry is Driving the Flow Computer Market
  Table 3 Declining Oil & Gas Prices Affect Infrastructure Related Investments Which Impacts the Growth of the Flow Computer Market
  Table 4 Prospective Growth in the Flow Computing Software Market is Projected to Create New Opportunities
  Table 5 Intelligent Measurement Devices Pose A Threat to the Flow Computers Market
  Table 6 Flow Computer Market, By Component, 2013 - 2020 (USD Million)
Table 70 Other Strategies, 2012-2015

List of Figures

Figure 1 Markets Covered
Figure 2 Research Design
Figure 3 Market Size Estimation Methodology: Bottom-Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Breakdown of Primary Interviews: By Company Type, Designation, and Region
Figure 6 Flow Computer Market (2013 - 2020)
Figure 7 Flow Computer Market Size, By Component, 2014
Figure 8 Software Component is Expected to Witness the Highest Growth Between 2015 and 2020
Figure 9 Flow Computer Market, By Operation, 2014 vs 2020
Figure 10 North America Held the Largest Market Share in 2014
Figure 11 Attractive Market Opportunities in the Flow Computer Market (2015-2020)
Figure 12 Software Component is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 13 in 2014, Hardware Component Held the Largest Market Share, While North America Region Accounted for the Largest Market
Figure 14 U.S. Held the Largest Share in the Overall Flow Computer Market in 2014
Figure 15 In 2014, the Hardware Component Held Largest Share in All Regions
Figure 16 The U.S. Market is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 17 Flow Computer Market, By Operation
Figure 18 Flow Computer Market, By Geography
Figure 19 Increased Need for Technologically Advanced and Reliable Flow Computers is Likely to Drive the Flow Computer Market
Figure 20 Oil Price Movement
Figure 21 Value Chain Analysis: Major Value Addition is Done During the Manufacturing and System Integration Phase
Figure 22 Porter's Five Forces Analysis
Figure 23 Bargaining Power of Buyers
Figure 24 Industry Rivalry
Figure 25 Threat of Substitutes
Figure 26 Bargaining Power of Suppliers
Figure 27 Threat of New Entrants
Figure 28 Flow Computer Market, By Component
Figure 29 Software Component is Projected to Grow at the Highest CAGR Between 2015 and 2020
Figure 30 Flow Computer Market, By Operation
Figure 31 Midstream and Downstream Segment is Expected to Account for the Largest Market Share By 2020
Figure 32 Flow Computer Market, By Geography
Figure 33 Flow Computer Market, Geographic Analysis (2015 - 2020)
Figure 34 The North America Region is Expected to Witness the Highest Growth Between 2015 and 2020
Figure 35 North America Flow Computer Market Overview (2014)
Figure 36 The Hardware Component Held Largest Share of the North American Flow Computer Market in 2014
Figure 37 The Upstream Operations Segment is Expected to Grow Rapidly Between 2015 and 2020
Figure 38 Russia is Expected to Hold the Largest Market Share in the Flow Computer Market, 2015
Figure 39 In the Russia Flow Computer Market, the Upstream Operations Segment is Projected to Grow at A Highest CAGR During the Forecast Period
Figure 40 The Software Component of the U.K. Flow Computer Market is Expected to Grow Rapidly Between 2015 and 2020
Figure 41 The Market for Software Component of the German Flow Computers is Expected to Witness A High Growth Between 2015 and 2020
Figure 42 Saudi Arabia Held the Largest Market Size in 2015 for the Middle Eastern Flow Computer Market
Figure 43 The Upstream Operations Segment is Expected to Show the Highest Growth Between 2015 and 2020
Figure 44 The Hardware Component Held the Largest Market Share in 2015
Figure 45 Asia - Pacific Flow Computer Market Overview (2014)
Figure 46 China is Expected to Grow at the Highest CAGR Between 2015 and 2020
Figure 47 The Midstream & Downstream Segment Held the Largest Market Share in 2015
Figure 48 The Software Component is Expected to Show High Growth Between 2015 and 2020
Figure 49 Latin America is Expected to Hold the Largest Market Size in 2015 for the Market of Flow Computers
Figure 50 The Software Component is Estimated to Register A High Growth Between 2015 and 2020
Figure 51 Companies Adopted Product Innovation, Expansions, and Partnerships, Agreements, & Collaborations as the Key Growth Strategies, Between 2012 and 2015
Figure 52 Geographic Revenue Mix of the Major Market Players
Figure 53 Schneider Electric SE: Company Snapshot
Figure 54 Schneider Electric SE: SWOT Analysis
Figure 55 Emerson Electric Co.: Company Snapshot
Figure 56 Emerson Electric Co.: SWOT Analysis
Figure 57 ABB Group: Company Snapshot
Figure 58 ABB Group: SWOT Analysis
Figure 59 Thermo Fisher Scientific, Inc.: Company Snapshot
Figure 60 Thermo Fisher Scientific Inc.: SWOT Analysis
Figure 61 Cameron International Corporation: Company Snapshot
Figure 62 Cameron International Corporation: SWOT Analysis
Figure 63 Honeywell International Inc.: Company Snapshot
Figure 64 Honeywell International, Inc.: SWOT Analysis
Figure 65 Yokogawa Electric Corporation: Company Snapshot
Figure 66 Yokogawa Electric Corporation: SWOT Analysis
Figure 67 FMC Technologies, Inc.: Company Snapshot
Figure 68 FMC Technologies, Inc.: SWOT Analysis
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: Flow Computer Market in Oil and Gas by Component (Hardware, Software, & Support Service), by Operation (Upstream, Midstream & Downstream), and by Geography (North America, Europe, Middle East, APAC, & Rest of the World) - Global Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3420828/
Office Code: SC83FUP7

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)</td>
<td></td>
</tr>
<tr>
<td>Single User</td>
<td>$4650</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td>$5650</td>
</tr>
<tr>
<td>Site License</td>
<td>$7150</td>
</tr>
<tr>
<td>Enterprisewide</td>
<td>$9000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 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