

# Automation Solutions in Oil & Gas Industry: North America Market by System Type, Operation Stage and Country 2014-2023

<https://marketpublishers.com/r/A40B3A28BE6EN.html>

Date: December 2017

Pages: 107

Price: US\$ 2,040.00 (Single User License)

ID: A40B3A28BE6EN

## Abstracts

Automation solutions empower oil & gas companies to optimize and streamline business operations by enabling a seamless flow of data from enterprise assets to operations, maintenance, and trading systems. GMD predicts the North America total revenue of automation solutions in oil & gas industry will advance to \$XXX million in 2023, registering a CAGR of XX% between 2016 and 2023. This represents a cumulative revenue of \$16.23 billion during 2017-2023 owing to a fast-growing adoption of automation systems for oil & gas production in North America.

Highlighted with 16 tables and 32 figures, this 107-page report “Automation Solutions in Oil & Gas Industry: North America Market by System Type, Operation Stage and Country 2014-2023” is based on a comprehensive research of North America oil & gas automation solution market by analyzing the entire North America market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report provides historical market data for 2014 and 2015, revenue estimates for 2016, and forecasts from 2017 till 2023.

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

## Restraints and Challenges

### Emerging Product Trends & Market Opportunities

### Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view. The balanced (most likely) projection is used to quantify North America oil & gas automation solution market in every aspect of the classification from perspectives of system type, operation stage and region.

Based on system type, the North America market is segmented into the following sub-markets with annual revenue included for 2014-2023 (historical and forecast) for each section.

Supervisory Control and Data Acquisition (SCADA)

Programmable Logic Controller (PLC)

Distributed Control Systems (DCS)

Manufacturing Execution System (MES)

Safety Instrumented System (SIS)

Other Systems

On basis of operation stage, the North America market is analyzed on the following segments with annual revenue in 2014-2023 provided for each segment.

Upstream Operation

Midstream Operation

Downstream Operation

Geographically, the following national markets are fully investigated:

U.S.

Canada

For each of the aforementioned countries, detailed analysis and data for annual revenue are available for 2014-2023. The breakdown of all national markets by system type over the forecast years is also included.

The report also covers current competitive scenario and the predicted manufacture trend; and profiles oil & gas automation solution vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in North America market of automation solutions in oil & gas industry are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

## Contents

### **1 INTRODUCTION**

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### **2 MARKET OVERVIEW AND QUALITATIVE ANALYSIS**

- 2.1 Market Structure
- 2.2 Market Size and Forecast
- 2.3 Major Growth Drivers
- 2.4 Market Restraints and Challenges
- 2.5 Emerging Opportunities and Market Trends
- 2.6 Porter's Fiver Forces Analysis

### **3 SEGMENTATION OF NORTH AMERICA MARKET BY SYSTEM TYPE**

- 3.1 Market Overview by System Type
- 3.2 North America Market of Supervisory Control and Data Acquisition (SCADA) in Oil & Gas Industry 2014-2023
- 3.3 North America Market of Programmable Logic Controller (PLC) in Oil & Gas Industry 2014-2023
- 3.4 North America Market of Distributed Control Systems (DCS) in Oil & Gas Industry 2014-2023
- 3.5 North America Market of Manufacturing Execution System (MES) in Oil & Gas Industry 2014-2023
- 3.6 North America Market of Safety Instrumented System (SIS) in Oil & Gas Industry 2014-2023

3.7 North America Market of Other Automation Systems in Oil & Gas Industry  
2014-2023

#### **4 SEGMENTATION OF NORTH AMERICA MARKET BY OPERATION STAGE**

4.1 Market Overview by Operation Stage

4.2 North America Automation Solutions Market in Oil & Gas Upstream Operation  
2014-2023

4.3 North America Automation Solutions Market in Oil & Gas Midstream Operation  
2014-2023

4.4 North America Automation Solutions Market in Oil & Gas Downstream Operation  
2014-2023

#### **5 NORTH AMERICA MARKET 2014-2023 BY COUNTRY**

5.1 Overview of North America Market

5.2 U.S. Market

5.3 Canadian Market

#### **6 COMPETITIVE LANDSCAPE**

6.1 Overview of Key Vendors

6.2 Company Profiles

#### **7 INVESTING IN NORTH AMERICA MARKET: RISK ASSESSMENT AND MANAGEMENT**

7.1 Risk Evaluation of North America Market

7.2 Critical Success Factors (CSFs)

#### **RELATED REPORTS AND PRODUCTS**

## List Of Tables

### LIST OF TABLES:

Table 1. Snapshot of North America Automation Solutions Market in Oil & Gas Industry, 2016-2023

Table 2. Main Product Trends and Market Opportunities in North America Automation Solutions Market in Oil & Gas Industry

Table 3. North America Automation Solutions Market for Oil & Gas Industry by System Type, 2014-2023, \$ mn

Table 4. North America SIS Market in Oil & Gas Industry by Application, 2014-2023, \$ mn

Table 5. North America Automation Solutions Market in Oil & Gas Industry by Operation Stage, 2014-2023, \$ mn

Table 6. North America Automation Solutions Market in Oil & Gas Industry by Country, 2014-2023, \$ mn

Table 7. U.S. Automation Solutions Market in Oil & Gas Industry by System Type, 2016-2023, \$ mn

Table 8. Canada Automation Solutions Market in Oil & Gas Industry by System Type, 2016-2023, \$ mn

Table 9. Main Vendors and Product Offerings

Table 10. ABB Revenue by Business Division, 2014-2016, \$ million

Table 11. ABB Revenue by Region, 2014-2016, \$ million

Table 12. Emerson Electric Co.: Sales, Earnings and Assets by Business Division, 2014-2016, \$ million

Table 13. Emerson Electric Co.: Sales by Region, 2014-2016, \$ million

Table 14. Honeywell International Inc.: Sales by Business Division, 2014-2016, \$ million

Table 15. Risk Evaluation for Investing in North America Market, 2016-2023

Table 16. Critical Success Factors and Key Takeaways

## List Of Figures

### LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2016-2023

Figure 4. Structure of North America Automation Solutions Market in Oil & Gas Industry

Figure 5. North America Automation Solutions Market in Oil & Gas Industry by Revenue, 2014-2023, \$ bn

Figure 6. Primary Drivers and Impact Factors of North America Automation Solutions Market in Oil & Gas Industry

Figure 7. Global Oil & Gas Capex (\$ bilion) and Number of Rigs, 2014-2016

Figure 8. Primary Restraints and Impact Factors of North America Automation Solutions Market in Oil & Gas Industry

Figure 9. Porter's Fiver Forces Analysis of North America Automation Solutions Market in Oil & Gas Industry

Figure 10. Breakdown of North America Automation Solutions Market in Oil & Gas Industry by System Type, 2016-2023, % of Revenue

Figure 11. Contribution to North America 2017-2023 Cumulative Revenue by System Type, Value (\$ mn) and Share (%)

Figure 12. North America SCADA Market in Oil & Gas Industry, 2014-2023, \$ mn

Figure 13. North America PLC Market in Oil & Gas Industry, 2014-2023, \$ mn

Figure 14. North America DCS Market in Oil & Gas Industry, 2014-2023, \$ mn

Figure 15. North America MES Market in Oil & Gas Industry, 2014-2023, \$ mn

Figure 16. North America SIS Market in Oil & Gas Industry, 2014-2023, \$ mn

Figure 17. North America Market of Other Automation Systems in Oil & Gas Industry, 2014-2023, \$ mn

Figure 18. Upstream, Midstream and Downstream of Oil & Gas Industry

Figure 19. Breakdown of North America Automation Solutions Market in Oil & Gas Industry by Operation Stage, 2016-2023, % of Revenue

Figure 20. Contribution to North America 2017-2023 Cumulative Revenue by Operation Stage, Value (\$ bn) and Share (%)

Figure 21. North America Oil & Gas Automation Solutions Market for Upstream Operation, 2014-2023, \$ mn

Figure 22. North America Oil & Gas Automation Solutions Market for Midstream Operation, 2014-2023, \$ mn

Figure 23. North America Oil & Gas Automation Solutions Market for Downstream

Operation, 2014-2023, \$ mn

Figure 24. Breakdown of North America Automation Solutions Market in Oil & Gas Industry by Country, 2016 and 2023, % of Revenue

Figure 25. Contribution to North America 2017-2023 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 26. U.S. Automation Solutions Market in Oil & Gas Industry by Revenue, 2014-2023, \$ mn

Figure 27. Canada Automation Solutions Market in Oil & Gas Industry by Revenue, 2014-2023, \$ mn

Figure 28. Growth Stage of North America Oil & Gas Automation Solution Industry over the Forecast Period

Figure 29. Company Overview of ABB as of 2016

Figure 30. Company Overview and Key Figures of Schneider Electric as of 2016

Figure 31. Schneider Electric: Sales Revenue by Business Segment, % of 2016 Revenue

Figure 32. Schneider Electric: Sales Revenue by Region, % of 2016 Revenue



## I would like to order

Product name: Automation Solutions in Oil & Gas Industry: North America Market by System Type, Operation Stage and Country 2014-2023

Product link: <https://marketpublishers.com/r/A40B3A28BE6EN.html>

Price: US\$ 2,040.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A40B3A28BE6EN.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**

Customer 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

