

North America Oil & Gas Automation Solutions Market 2022-2032 by Offering (Hardware, Software, Services), Solution (SCADA, PLC, DCS, MES, SIS, Others), Operation (Upstream, Midstream, Downstream), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/NDD800FA52D1EN.html>

Date: August 2023

Pages: 103

Price: US\$ 2,380.00 (Single User License)

ID: NDD800FA52D1EN

Abstracts

North America oil & gas automation solutions market is projected to grow by 5.4% annually in the forecast period and reach \$8.67 billion by 2032, driven by the rising adoption of automation solutions in oil & gas, the growing importance of big data analytics and IoT, the shift from on-premises to cloud-based systems, and the favorable government initiative and regulations.

Highlighted with 25 tables and 48 figures, this 103-page report “North America Oil & Gas Automation Solutions Market 2022-2032 by Offering (Hardware, Software, Services), Solution (SCADA, PLC, DCS, MES, SIS, Others), Operation (Upstream, Midstream, Downstream), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America oil & gas automation solutions 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 is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

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 by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America oil & gas automation solutions market in every aspect of the classification from perspectives of Offering, Solution, Operation, and Country.

Based on Offering, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Industrial Robots

Control Valves

Field Instruments

Human-Machine Interfaces

Flow Computers

Process Analyzers

Intelligent Pigging

Other Hardware

Software

Services

Professional Services

Managed Services

Based on Solution, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Supervisory Control and Data Acquisition (SCADA)

Programmable Logic Controller (PLC)

Distributed Control Systems (DCS)

Manufacturing Execution System (MES)

Safety Instrumented System (SIS)

Fire & Gas Monitoring and Control (FGMC)

High Integrity Pressure Protection Systems (HIPPS)

Burner Management Systems (BMS)

Emergency Shutdown Systems (ESD)

Turbomachinery Control (TMC)

Other Solutions

By Operation, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Upstream

Midstream

Downstream

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Offering, Solution, and Operation over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Emerson Electric Co.

Endress+Hauser AG

Fanuc Corp.

General Electric Co.

Hitachi, Ltd.

Honeywell International Inc.

Mitsubishi Electric Corp.

Rockwell Automation Inc.

Schneider Electric SE

Siemens AG

Yokogawa Electric Corporation

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

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 DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
 - 3.2.1 Industrial Robots
 - 3.2.2 Control Valves
 - 3.2.3 Field Instruments
 - 3.2.4 Human-Machine Interfaces
 - 3.2.5 Flow Computers
 - 3.2.6 Process Analyzers
 - 3.2.7 Intelligent Pigging

- 3.2.8 Other Hardware
- 3.3 Software
- 3.4 Services
 - 3.4.1 Professional Services
 - 3.4.2 Managed Services

4 SEGMENTATION OF NORTH AMERICA MARKET BY SOLUTION

- 4.1 Market Overview by Solution
- 4.2 Supervisory Control and Data Acquisition (SCADA)
- 4.3 Programmable Logic Controller (PLC)
- 4.4 Distributed Control Systems (DCS)
- 4.5 Manufacturing Execution System (MES)
- 4.6 Safety Instrumented System (SIS)
- 4.7 Other Solutions

5 SEGMENTATION OF NORTH AMERICA MARKET BY OPERATION

- 5.1 Market Overview by Operation
- 5.2 Upstream
- 5.3 Midstream
- 5.4 Downstream

6 NORTH AMERICA MARKET 2022-2032 BY COUNTRY

- 6.1 Overview of North America Market
- 6.2 U.S.
- 6.3 Canada
- 6.4 Mexico

7 COMPETITIVE LANDSCAPE

- 7.1 Overview of Key Vendors
- 7.2 New Product Launch, Partnership, Investment, and M&A
- 7.3 Company Profiles
 - ABB Ltd.
 - Emerson Electric Co.
 - Endress+Hauser AG
 - Fanuc Corp.

General Electric Co.
Hitachi, Ltd.
Honeywell International Inc.
Mitsubishi Electric Corp.
Rockwell Automation Inc.
Schneider Electric SE
Siemens AG
Yokogawa Electric Corporation
RELATED REPORTS

12. LIST OF TABLES:

Table 1. Snapshot of North America Oil & Gas Automation Solutions Market in Balanced Perspective, 2022-2032
Table 2. World Economic Outlook, 2021-2031
Table 3. World Economic Outlook, 2021-2023
Table 4. Scenarios for Economic Impact of Ukraine Crisis
Table 5. Main Product Trends and Market Opportunities in North America Oil & Gas Automation Solutions Market
Table 6. North America Oil & Gas Automation Solutions Market by Offering, 2022-2032, \$ mn
Table 7. North America Oil & Gas Automation Solutions Market: Hardware by Component, 2022-2032, \$ mn
Table 8. North America Oil & Gas Automation Solutions Market: Services by Type, 2022-2032, \$ mn
Table 9. North America Oil & Gas Automation Solutions Market by Solution, 2022-2032, \$ mn
Table 10. North America Oil & Gas Automation Solutions Market: Safety Instrumented System (SIS) by Application, 2022-2032, \$ mn
Table 11. North America Oil & Gas Automation Solutions Market by Operation, 2022-2032, \$ mn
Table 12. North America Oil & Gas Automation Solutions Market by Country, 2022-2032, \$ mn
Table 13. U.S. Oil & Gas Automation Solutions Market by Offering, 2022-2032, \$ mn
Table 14. U.S. Oil & Gas Automation Solutions Market by Solution, 2022-2032, \$ mn
Table 15. U.S. Oil & Gas Automation Solutions Market by Operation, 2022-2032, \$ mn
Table 16. Canada Oil & Gas Automation Solutions Market by Offering, 2022-2032, \$ mn
Table 17. Canada Oil & Gas Automation Solutions Market by Solution, 2022-2032, \$ mn
Table 18. Canada Oil & Gas Automation Solutions Market by Operation, 2022-2032, \$

mn

Table 19. Mexico Oil & Gas Automation Solutions Market by Offering, 2022-2032, \$ mn

Table 20. Mexico Oil & Gas Automation Solutions Market by Solution, 2022-2032, \$ mn

Table 21. Mexico Oil & Gas Automation Solutions Market by Operation, 2022-2032, \$ mn

Table 22. Main Vendors and Product Offerings

Table 23. ABB Ltd.: Company Snapshot

Table 24. ABB Ltd.: Business Segmentation

Table 25. ABB Ltd.: Product Portfolio

12. 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, 2022-2032

Figure 4. North America Oil & Gas Automation Solutions Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

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

Figure 7. World Population, GDP and Energy Demand, 1990-2030

Figure 8. World Industry 4.0 Market, 2019-2030, \$ bn

Figure 9. World Oil & Gas Offshore and Deepwater Production, 1970-2020

Figure 10. World Crude Oil Production, 2000-2021, million tons

Figure 11. Primary Restraints and Impact Factors of North America Oil & Gas Automation Solutions Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of North America Oil & Gas Automation Solutions Market

Figure 14. Breakdown of North America Oil & Gas Automation Solutions Market by Offering, 2022-2032, % of Revenue

Figure 15. North America Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 16. North America Oil & Gas Automation Solutions Market by Offering: Hardware, 2022-2032, \$ mn

Figure 17. North America Oil & Gas Automation Solutions Market by Hardware: Industrial Robots, 2022-2032, \$ mn

Figure 18. North America Oil & Gas Automation Solutions Market by Hardware: Control Valves, 2022-2032, \$ mn

Figure 19. North America Oil & Gas Automation Solutions Market by Hardware: Field Instruments, 2022-2032, \$ mn

Figure 20. North America Oil & Gas Automation Solutions Market by Hardware: Human-Machine Interfaces, 2022-2032, \$ mn

Figure 21. North America Oil & Gas Automation Solutions Market by Hardware: Flow Computers, 2022-2032, \$ mn

Figure 22. North America Oil & Gas Automation Solutions Market by Hardware: Process Analyzers, 2022-2032, \$ mn

Figure 23. North America Oil & Gas Automation Solutions Market by Hardware: Intelligent Pigging, 2022-2032, \$ mn

Figure 24. North America Oil & Gas Automation Solutions Market by Hardware: Other Hardware, 2022-2032, \$ mn

Figure 25. North America Oil & Gas Automation Solutions Market by Offering: Software, 2022-2032, \$ mn

Figure 26. North America Oil & Gas Automation Solutions Market by Offering: Services, 2022-2032, \$ mn

Figure 27. North America Oil & Gas Automation Solutions Market by Services: Professional Services, 2022-2032, \$ mn

Figure 28. North America Oil & Gas Automation Solutions Market by Services: Managed Services, 2022-2032, \$ mn

Figure 29. Breakdown of North America Oil & Gas Automation Solutions Market by Solution, 2022-2032, % of Sales Revenue

Figure 30. North America Addressable Market Cap in 2023-2032 by Solution, Value (\$ mn) and Share (%)

Figure 31. North America Oil & Gas Automation Solutions Market by Solution: Supervisory Control and Data Acquisition (SCADA), 2022-2032, \$ mn

Figure 32. North America Oil & Gas Automation Solutions Market by Solution: Programmable Logic Controller (PLC), 2022-2032, \$ mn

Figure 33. North America Oil & Gas Automation Solutions Market by Solution: Distributed Control Systems (DCS), 2022-2032, \$ mn

Figure 34. North America Oil & Gas Automation Solutions Market by Solution: Manufacturing Execution System (MES), 2022-2032, \$ mn

Figure 35. North America Oil & Gas Automation Solutions Market by Solution: Safety Instrumented System (SIS), 2022-2032, \$ mn

Figure 36. North America Oil & Gas Automation Solutions Market by Solution: Other Solutions, 2022-2032, \$ mn

Figure 37. Upstream, Midstream and Downstream of Oil & Gas Industry

Figure 38. Breakdown of North America Oil & Gas Automation Solutions Market by Operation, 2022-2032, % of Sales Revenue

Figure 39. North America Addressable Market Cap in 2023-2032 by Operation, Value (\$ mn) and Share (%)

Figure 40. North America Oil & Gas Automation Solutions Market by Operation: Upstream, 2022-2032, \$ mn

Figure 41. North America Oil & Gas Automation Solutions Market by Operation: Midstream, 2022-2032, \$ mn

Figure 42. North America Oil & Gas Automation Solutions Market by Operation: Downstream, 2022-2032, \$ mn

Figure 43. Breakdown of North America Oil & Gas Automation Solutions Market by Country, 2022 and 2032, % of Revenue

Figure 44. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 45. U.S. Oil & Gas Automation Solutions Market, 2022-2032, \$ mn

Figure 46. Canada Oil & Gas Automation Solutions Market, 2022-2032, \$ mn

Figure 47. Oil & Gas Automation Solutions Market in Mexico, 2022-2032, \$ mn

Figure 48. Growth Stage of North America Oil & Gas Automation Solutions Industry over the Forecast Period

I would like to order

Product name: North America Oil & Gas Automation Solutions Market 2022-2032 by Offering (Hardware, Software, Services), Solution (SCADA, PLC, DCS, MES, SIS, Others), Operation (Upstream, Midstream, Downstream), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/NDD800FA52D1EN.html>

Price: US\$ 2,380.00 (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/NDD800FA52D1EN.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