

North America Automation Solutions in Shale Gas 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

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Abstracts

North America automation solutions in shale gas market is projected to grow by 5.7% annually in the forecast period and reach \$462.9 million 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 26 tables and 47 figures, this 103-page report “North America Automation Solutions in Shale Gas 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 automation solutions in shale gas 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 automation solutions in shale gas 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 Shale 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. Worldwide Shale Gas Market, 2022-2032, \$ bn
- Table 6. Main Product Trends and Market Opportunities in North America Shale Gas Automation Solutions Market
- Table 7. North America Shale Gas Automation Solutions Market by Offering, 2022-2032, \$ mn
- Table 8. North America Shale Gas Automation Solutions Market: Hardware by Component, 2022-2032, \$ mn
- Table 9. North America Shale Gas Automation Solutions Market: Services by Type, 2022-2032, \$ mn
- Table 10. North America Shale Gas Automation Solutions Market by Solution, 2022-2032, \$ mn
- Table 11. North America Shale Gas Automation Solutions Market: Safety Instrumented System (SIS) by Application, 2022-2032, \$ mn
- Table 12. North America Shale Gas Automation Solutions Market by Operation, 2022-2032, \$ mn
- Table 13. North America Shale Gas Automation Solutions Market by Country, 2022-2032, \$ mn
- Table 14. U.S. Shale Gas Automation Solutions Market by Offering, 2022-2032, \$ mn
- Table 15. U.S. Shale Gas Automation Solutions Market by Solution, 2022-2032, \$ mn
- Table 16. U.S. Shale Gas Automation Solutions Market by Operation, 2022-2032, \$ mn
- Table 17. Canada Shale Gas Automation Solutions Market by Offering, 2022-2032, \$ mn

Table 18. Canada Shale Gas Automation Solutions Market by Solution, 2022-2032, \$ mn

Table 19. Canada Shale Gas Automation Solutions Market by Operation, 2022-2032, \$ mn

Table 20. Mexico Shale Gas Automation Solutions Market by Offering, 2022-2032, \$ mn

Table 21. Mexico Shale Gas Automation Solutions Market by Solution, 2022-2032, \$ mn

Table 22. Mexico Shale Gas Automation Solutions Market by Operation, 2022-2032, \$ mn

Table 23. Main Vendors and Product Offerings

Table 24. ABB Ltd.: Company Snapshot

Table 25. ABB Ltd.: Business Segmentation

Table 26. 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 Shale 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 Shale 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. Primary Restraints and Impact Factors of North America Shale Gas Automation Solutions Market

Figure 11. Investment Opportunity Analysis

Figure 12. Porter's Five Forces Analysis of North America Shale Gas Automation Solutions Market

Figure 13. Breakdown of North America Shale Gas Automation Solutions Market by Offering, 2022-2032, % of Revenue

Figure 14. North America Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 15. North America Shale Gas Automation Solutions Market by Offering: Hardware, 2022-2032, \$ mn

Figure 16. North America Shale Gas Automation Solutions Market by Hardware: Industrial Robots, 2022-2032, \$ mn

Figure 17. North America Shale Gas Automation Solutions Market by Hardware: Control Valves, 2022-2032, \$ mn

Figure 18. North America Shale Gas Automation Solutions Market by Hardware: Field Instruments, 2022-2032, \$ mn

Figure 19. North America Shale Gas Automation Solutions Market by Hardware: Human-Machine Interfaces, 2022-2032, \$ mn

Figure 20. North America Shale Gas Automation Solutions Market by Hardware: Flow Computers, 2022-2032, \$ mn

Figure 21. North America Shale Gas Automation Solutions Market by Hardware: Process Analyzers, 2022-2032, \$ mn

Figure 22. North America Shale Gas Automation Solutions Market by Hardware: Intelligent Pigging, 2022-2032, \$ mn

Figure 23. North America Shale Gas Automation Solutions Market by Hardware: Other Hardware, 2022-2032, \$ mn

Figure 24. North America Shale Gas Automation Solutions Market by Offering: Software, 2022-2032, \$ mn

Figure 25. North America Shale Gas Automation Solutions Market by Offering: Services, 2022-2032, \$ mn

Figure 26. North America Shale Gas Automation Solutions Market by Services: Professional Services, 2022-2032, \$ mn

Figure 27. North America Shale Gas Automation Solutions Market by Services: Managed Services, 2022-2032, \$ mn

Figure 28. Breakdown of North America Shale Gas Automation Solutions Market by Solution, 2022-2032, % of Sales Revenue

Figure 29. North America Addressable Market Cap in 2023-2032 by Solution, Value (\$ mn) and Share (%)

Figure 30. North America Shale Gas Automation Solutions Market by Solution: Supervisory Control and Data Acquisition (SCADA), 2022-2032, \$ mn

Figure 31. North America Shale Gas Automation Solutions Market by Solution: Programmable Logic Controller (PLC), 2022-2032, \$ mn

Figure 32. North America Shale Gas Automation Solutions Market by Solution: Distributed Control Systems (DCS), 2022-2032, \$ mn

Figure 33. North America Shale Gas Automation Solutions Market by Solution: Manufacturing Execution System (MES), 2022-2032, \$ mn

Figure 34. North America Shale Gas Automation Solutions Market by Solution: Safety Instrumented System (SIS), 2022-2032, \$ mn

Figure 35. North America Shale Gas Automation Solutions Market by Solution: Other Solutions, 2022-2032, \$ mn

Figure 36. Upstream, Midstream and Downstream of Oil & Gas Industry

Figure 37. Breakdown of North America Shale Gas Automation Solutions Market by Operation, 2022-2032, % of Sales Revenue

Figure 38. North America Addressable Market Cap in 2023-2032 by Operation, Value (\$ mn) and Share (%)

Figure 39. North America Shale Gas Automation Solutions Market by Operation: Upstream, 2022-2032, \$ mn

Figure 40. North America Shale Gas Automation Solutions Market by Operation: Midstream, 2022-2032, \$ mn

Figure 41. North America Shale Gas Automation Solutions Market by Operation: Downstream, 2022-2032, \$ mn

Figure 42. Breakdown of North America Shale Gas Automation Solutions Market by Country, 2022 and 2032, % of Revenue

Figure 43. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 44. U.S. Shale Gas Automation Solutions Market, 2022-2032, \$ mn

Figure 45. Canada Shale Gas Automation Solutions Market, 2022-2032, \$ mn

Figure 46. Shale Gas Automation Solutions Market in Mexico, 2022-2032, \$ mn

Figure 47. Growth Stage of North America Shale Gas Automation Solutions Industry over the Forecast Period

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