

North America SCADA Market 2022-2032 by Architecture (Hardware, Software, Services), Component (RTU, PLC, HMI, Communication), Generation (First, Second, Third, Fourth), Deployment (On-premises, Cloud, Hybrid), Industry Vertical, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/NE8FC6B73F94EN.html>

Date: August 2023

Pages: 115

Price: US\$ 2,295.00 (Single User License)

ID: NE8FC6B73F94EN

Abstracts

North America SCADA market is projected to grow by 6.8% annually in the forecast period and reach \$11.15 billion by 2032, driven by the enhancing efficiencies in manufacturing with SCADA, the increasing adoption of cloud computing, a surging demand of industrial mobility, and the emergence of industry 4.0 trend.

Highlighted with 24 tables and 53 figures, this 115-page report “North America SCADA Market 2022-2032 by Architecture (Hardware, Software, Services), Component (RTU, PLC, HMI, Communication), Generation (First, Second, Third, Fourth), Deployment (On-premises, Cloud, Hybrid), Industry Vertical, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America SCADA 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 SCADA market in every aspect of the classification from perspectives of Architecture, Component, Generation, Deployment, Industry Vertical, and Country.

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

Hardware

Software

Services

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

Supervisory Station

Remote Terminal Unit (RTU)

Programmable Logic Controller (PLC)

Human Machine Interface (HMI)

Communication Infrastructure

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

First Generation

Second Generation

Third Generation

Fourth Generation

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

On-premises Systems

Cloud-based Systems

Hybrid Systems

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

Oil and Gas Industry

Electrical Power Industry

Chemical and Petrochemical Industry

Water and Wastewater Treatment

Manufacturing

Telecommunication

Pharmaceutical Industry

Other Industry Verticals

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 Architecture, Component, and Industry Vertical 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.

Alstom SA

Elynx Technologies LLC

Emerson Electric Co.

General Electric Co.

Hitachi Ltd.

Honeywell International Inc.

Inductive Automation LLC

Mitsubishi Electric Corporation

Omron Corporation

Rockwell Automation Inc.

Schneider Electric SE

Siemens AG

Toshiba Corporation

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 ARCHITECTURE

- 3.1 Market Overview by Architecture
- 3.2 Hardware
- 3.3 Software
- 3.4 Services

4 SEGMENTATION OF NORTH AMERICA MARKET BY COMPONENT

- 4.1 Market Overview by Component
- 4.2 Supervisory Station

- 4.3 Remote Terminal Unit (RTU)
- 4.4 Programmable Logic Controller (PLC)
- 4.5 Human Machine Interface (HMI)
- 4.6 Communication Infrastructure

5 SEGMENTATION OF NORTH AMERICA MARKET BY GENERATION

- 5.1 Market Overview by Generation
- 5.2 First Generation
- 5.3 Second Generation
- 5.4 Third Generation
- 5.5 Fourth Generation

6 SEGMENTATION OF NORTH AMERICA MARKET BY DEPLOYMENT

- 6.1 Market Overview by Deployment
- 6.2 On-premises Systems
- 6.3 Cloud-based Systems
- 6.4 Hybrid Systems

7 SEGMENTATION OF NORTH AMERICA MARKET BY INDUSTRY VERTICAL

- 7.1 Market Overview by Industry Vertical
- 7.2 Oil and Gas Industry
- 7.3 Electrical Power Industry
- 7.4 Chemical and Petrochemical Industry
- 7.5 Water and Wastewater Treatment
- 7.6 Manufacturing
- 7.7 Telecommunication
- 7.8 Pharmaceutical Industry
- 7.9 Other Industry Verticals

8 NORTH AMERICA MARKET 2022-2032 BY COUNTRY

- 8.1 Overview of North America Market
- 8.2 U.S.
- 8.3 Canada
- 8.4 Mexico

9 COMPETITIVE LANDSCAPE

9.1 Overview of Key Vendors

9.2 New Product Launch, Partnership, Investment, and M&A

9.3 Company Profiles

ABB Ltd.

Alstom SA

Elynx Technologies LLC

Emerson Electric Co.

General Electric Co.

Hitachi Ltd.

Honeywell International Inc.

Inductive Automation LLC

Mitsubishi Electric Corporation

Omron Corporation

Rockwell Automation Inc.

Schneider Electric SE

Siemens AG

Toshiba Corporation

Yokogawa Electric Corporation

RELATED REPORTS

12. LIST OF TABLES:

Table 1. Snapshot of North America SCADA 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 SCADA Market

Table 6. North America SCADA Market by Architecture, 2022-2032, \$ mn

Table 7. North America SCADA Market by Component, 2022-2032, \$ mn

Table 8. North America SCADA Market by Generation, 2022-2032, \$ mn

Table 9. North America SCADA Market by Deployment, 2022-2032, \$ mn

Table 10. North America SCADA Market by Industry Vertical, 2022-2032, \$ mn

Table 11. North America SCADA Market by Country, 2022-2032, \$ mn

Table 12. U.S. SCADA Market by Architecture, 2022-2032, \$ mn

Table 13. U.S. SCADA Market by Component, 2022-2032, \$ mn

Table 14. U.S. SCADA Market by Industry Vertical, 2022-2032, \$ mn
Table 15. Canada SCADA Market by Architecture, 2022-2032, \$ mn
Table 16. Canada SCADA Market by Component, 2022-2032, \$ mn
Table 17. Canada SCADA Market by Industry Vertical, 2022-2032, \$ mn
Table 18. Mexico SCADA Market by Architecture, 2022-2032, \$ mn
Table 19. Mexico SCADA Market by Component, 2022-2032, \$ mn
Table 20. Mexico SCADA Market by Industry Vertical, 2022-2032, \$ mn
Table 21. Main Vendors and Product Offerings
Table 22. ABB Ltd.: Company Snapshot
Table 23. ABB Ltd.: Business Segmentation
Table 24. ABB Ltd.: Product Portfolio

12. LIST OF FIGURES:

Figure 1. Working Mechanism and Diagram of SCADA System
Figure 2. Research Method Flow Chart
Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation
Figure 4. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032
Figure 5. North America SCADA Market, 2022-2032, \$ mn
Figure 6. Impact of COVID-19 on Business
Figure 7. Primary Drivers and Impact Factors of North America SCADA Market
Figure 8. World Crude Oil Production, 2000-2021, million tons
Figure 9. World Gas Production, 1990-2021, bcm
Figure 10. Primary Restraints and Impact Factors of North America SCADA Market
Figure 11. Investment Opportunity Analysis
Figure 12. Porter's Fiver Forces Analysis of North America SCADA Market
Figure 13. Breakdown of North America SCADA Market by Architecture, 2022-2032, % of Revenue
Figure 14. North America Addressable Market Cap in 2023-2032 by Architecture, Value (\$ mn) and Share (%)
Figure 15. North America SCADA Market by Architecture: Hardware, 2022-2032, \$ mn
Figure 16. SCADA Hardware Architecture
Figure 17. North America SCADA Market by Architecture: Software, 2022-2032, \$ mn
Figure 18. SCADA Software Architecture
Figure 19. North America SCADA Market by Architecture: Services, 2022-2032, \$ mn
Figure 20. Breakdown of North America SCADA Market by Component, 2022-2032, % of Sales Revenue
Figure 21. North America Addressable Market Cap in 2023-2032 by Component, Value

(\$ mn) and Share (%)

Figure 22. North America SCADA Market by Component: Supervisory Station, 2022-2032, \$ mn

Figure 23. North America SCADA Market by Component: Remote Terminal Unit (RTU), 2022-2032, \$ mn

Figure 24. North America SCADA Market by Component: Programmable Logic Controller (PLC), 2022-2032, \$ mn

Figure 25. North America SCADA Market by Component: Human Machine Interface (HMI), 2022-2032, \$ mn

Figure 26. North America SCADA Market by Component: Communication Infrastructure, 2022-2032, \$ mn

Figure 27. Breakdown of North America SCADA Market by Generation, 2022-2032, % of Sales Revenue

Figure 28. North America Addressable Market Cap in 2023-2032 by Generation, Value (\$ mn) and Share (%)

Figure 29. North America SCADA Market by Generation: First Generation, 2022-2032, \$ mn

Figure 30. North America SCADA Market by Generation: Second Generation, 2022-2032, \$ mn

Figure 31. North America SCADA Market by Generation: Third Generation, 2022-2032, \$ mn

Figure 32. North America SCADA Market by Generation: Fourth Generation, 2022-2032, \$ mn

Figure 33. Breakdown of North America SCADA Market by Deployment, 2022-2032, % of Revenue

Figure 34. North America Addressable Market Cap in 2023-2032 by Deployment, Value (\$ mn) and Share (%)

Figure 35. North America SCADA Market by Deployment: On-premises Systems, 2022-2032, \$ mn

Figure 36. North America SCADA Market by Deployment: Cloud-based Systems, 2022-2032, \$ mn

Figure 37. North America SCADA Market by Deployment: Hybrid Systems, 2022-2032, \$ mn

Figure 38. Breakdown of North America SCADA Market by Industry Vertical, 2022-2032, % of Revenue

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

Figure 40. North America SCADA Market by Industry Vertical: Oil and Gas Industry, 2022-2032, \$ mn

Figure 41. North America SCADA Market by Industry Vertical: Electrical Power Industry, 2022-2032, \$ mn

Figure 42. North America SCADA Market by Industry Vertical: Chemical and Petrochemical Industry, 2022-2032, \$ mn

Figure 43. North America SCADA Market by Industry Vertical: Water and Wastewater Treatment, 2022-2032, \$ mn

Figure 44. North America SCADA Market by Industry Vertical: Manufacturing, 2022-2032, \$ mn

Figure 45. North America SCADA Market by Industry Vertical: Telecommunication, 2022-2032, \$ mn

Figure 46. North America SCADA Market by Industry Vertical: Pharmaceutical Industry, 2022-2032, \$ mn

Figure 47. North America SCADA Market by Industry Vertical: Other Industry Verticals, 2022-2032, \$ mn

Figure 48. Breakdown of North America SCADA Market by Country, 2022 and 2032, % of Revenue

Figure 49. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 50. U.S. SCADA Market, 2022-2032, \$ mn

Figure 51. Canada SCADA Market, 2022-2032, \$ mn

Figure 52. SCADA Market in Mexico, 2022-2032, \$ mn

Figure 53. Growth Stage of North America SCADA Industry over the Forecast Period

I would like to order

Product name: North America SCADA Market 2022-2032 by Architecture (Hardware, Software, Services), Component (RTU, PLC, HMI, Communication), Generation (First, Second, Third, Fourth), Deployment (On-premises, Cloud, Hybrid), Industry Vertical, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/NE8FC6B73F94EN.html>

Price: US\$ 2,295.00 (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/NE8FC6B73F94EN.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