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Global Operational Technology Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Operational Technology market size was valued at USD 37270 million in 2023 and is forecast to a readjusted size of USD 50510 million by 2030 with a CAGR of 4.4% during review period.

Operational Technology is the use of computers to monitor or alter the physical state of a system, such as the control system for a power station or the control network for a rail system.

Usually environments containing Industrial Control Systems (ICS), such as: supervisory control and data acquisition (SCADA) systems, distributed control systems (DCS), Remote Terminal Unit (RTU) and programmable logic controllers (PLC) as well as dedicated networks and organization units. Embedded Systems are also included in the sphere of operational technology (e.g. SMART instrumentation), along with a large subset of scientific data acquisition, control & computing devices. An OT device could be as small as the ecu of a car or as large as the distributed control network for a national electricity grid.

The Global Info Research report includes an overview of the development of the Operational Technology industry chain, the market status of Food & Beverage (Field Devices, Control System), Chemical (Field Devices, Control System), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Operational Technology.

Regionally, the report analyzes the Operational Technology markets in key regions. North America and Europe are experiencing steady growth, driven by government

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initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Operational Technology market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Operational Technology market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Operational Technology industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Component (e.g., Field Devices, Control System).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Operational Technology market.

Regional Analysis: The report involves examining the Operational Technology market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Operational Technology market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Operational Technology:

Company Analysis: Report covers individual Operational Technology players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and

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attitudes towards Operational Technology This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Food & Beverage, Chemical).

Technology Analysis: Report covers specific technologies relevant to Operational Technology. It assesses the current state, advancements, and potential future developments in Operational Technology areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Operational Technology market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Operational Technology market is split by Component and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Component, and by Application in terms of value.

Market segment by Component

Field Devices

Control System

Services

Market segment by Application

Food & Beverage

Chemical

Oil & Gas

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Automotive

Aerospace & Defense

Medical

Others

Market segment by players, this report covers

ABB

Siemens

Honeywell

General Electric

Schneider Electric

Rockwell Automation

Yokogawa Electric

Emerson Electric

Advantech

Fanuc

Nextnine

Scadafence

Wood Group Mustang

Wunderlich-Malec Engineering

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Tesco Controls

SAP

IBM

Cisco Systems

Oracle

Huawei Technologies

Hewlett-Packard Enterprise

NEC Corporation

Cognizant

Accenture

Wipro

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

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Chapter 1, to describe Operational Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Operational Technology, with revenue, gross margin and global market share of Operational Technology from 2019 to 2024.

Chapter 3, the Operational Technology competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Component and application, with consumption value and growth rate by Component, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Operational Technology market forecast, by regions, component and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Operational Technology.

Chapter 13, to describe Operational Technology research findings and conclusion.

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Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Operational Technology
1.2 Market Estimation Caveats and Base Year
1.3 Classification of Operational Technology by Component
  1.3.1 Overview: Global Operational Technology Market Size by Component: 2019 Versus 2023 Versus 2030
  1.3.2 Global Operational Technology Consumption Value Market Share by Component in 2023
  1.3.3 Field Devices
  1.3.4 Control System
  1.3.5 Services
1.4 Global Operational Technology Market by Application
  1.4.1 Overview: Global Operational Technology Market Size by Application: 2019 Versus 2023 Versus 2030
  1.4.2 Food & Beverage
  1.4.3 Chemical
  1.4.4 Oil & Gas
  1.4.5 Automotive
  1.4.6 Aerospace & Defense
  1.4.7 Medical
  1.4.8 Others
1.5 Global Operational Technology Market Size & Forecast
1.6 Global Operational Technology Market Size and Forecast by Region
  1.6.1 Global Operational Technology Market Size by Region: 2019 VS 2023 VS 2030
  1.6.2 Global Operational Technology Market Size by Region, (2019-2030)
  1.6.3 North America Operational Technology Market Size and Prospect (2019-2030)
  1.6.4 Europe Operational Technology Market Size and Prospect (2019-2030)
  1.6.5 Asia-Pacific Operational Technology Market Size and Prospect (2019-2030)
  1.6.6 South America Operational Technology Market Size and Prospect (2019-2030)
  1.6.7 Middle East and Africa Operational Technology Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

2.1 ABB
  2.1.1 ABB Details

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2.1.2 ABB Major Business
2.1.3 ABB Operational Technology Product and Solutions
2.1.4 ABB Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.1.5 ABB Recent Developments and Future Plans
2.2 Siemens
2.2.1 Siemens Details
2.2.2 Siemens Major Business
2.2.3 Siemens Operational Technology Product and Solutions
2.2.4 Siemens Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.2.5 Siemens Recent Developments and Future Plans
2.3 Honeywell
2.3.1 Honeywell Details
2.3.2 Honeywell Major Business
2.3.3 Honeywell Operational Technology Product and Solutions
2.3.4 Honeywell Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.3.5 Honeywell Recent Developments and Future Plans
2.4 General Electric
2.4.1 General Electric Details
2.4.2 General Electric Major Business
2.4.3 General Electric Operational Technology Product and Solutions
2.4.4 General Electric Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.4.5 General Electric Recent Developments and Future Plans
2.5 Schneider Electric
2.5.1 Schneider Electric Details
2.5.2 Schneider Electric Major Business
2.5.3 Schneider Electric Operational Technology Product and Solutions
2.5.4 Schneider Electric Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.5.5 Schneider Electric Recent Developments and Future Plans
2.6 Rockwell Automation
2.6.1 Rockwell Automation Details
2.6.2 Rockwell Automation Major Business
2.6.3 Rockwell Automation Operational Technology Product and Solutions
2.6.4 Rockwell Automation Operational Technology Revenue, Gross Margin and Market Share (2019-2024)

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info@marketpublishers.com

2.6.5 Rockwell Automation Recent Developments and Future Plans
2.7 Yokogawa Electric
2.7.1 Yokogawa Electric Details
2.7.2 Yokogawa Electric Major Business
2.7.3 Yokogawa Electric Operational Technology Product and Solutions
2.7.4 Yokogawa Electric Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.7.5 Yokogawa Electric Recent Developments and Future Plans
2.8 Emerson Electric
2.8.1 Emerson Electric Details
2.8.2 Emerson Electric Major Business
2.8.3 Emerson Electric Operational Technology Product and Solutions
2.8.4 Emerson Electric Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.8.5 Emerson Electric Recent Developments and Future Plans
2.9 Advantech
2.9.1 Advantech Details
2.9.2 Advantech Major Business
2.9.3 Advantech Operational Technology Product and Solutions
2.9.4 Advantech Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.9.5 Advantech Recent Developments and Future Plans
2.10 Fanuc
2.10.1 Fanuc Details
2.10.2 Fanuc Major Business
2.10.3 Fanuc Operational Technology Product and Solutions
2.10.4 Fanuc Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.10.5 Fanuc Recent Developments and Future Plans
2.11 Nextnine
2.11.1 Nextnine Details
2.11.2 Nextnine Major Business
2.11.3 Nextnine Operational Technology Product and Solutions
2.11.4 Nextnine Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.11.5 Nextnine Recent Developments and Future Plans
2.12 Scadafence
2.12.1 Scadafence Details
2.12.2 Scadafence Major Business

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2.12.3 Scadafence Operational Technology Product and Solutions
2.12.4 Scadafence Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.12.5 Scadafence Recent Developments and Future Plans
2.13 Wood Group Mustang
2.13.1 Wood Group Mustang Details
2.13.2 Wood Group Mustang Major Business
2.13.3 Wood Group Mustang Operational Technology Product and Solutions
2.13.4 Wood Group Mustang Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.13.5 Wood Group Mustang Recent Developments and Future Plans
2.14 Wunderlich-Malec Engineering
2.14.1 Wunderlich-Malec Engineering Details
2.14.2 Wunderlich-Malec Engineering Major Business
2.14.3 Wunderlich-Malec Engineering Operational Technology Product and Solutions
2.14.4 Wunderlich-Malec Engineering Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.14.5 Wunderlich-Malec Engineering Recent Developments and Future Plans
2.15 Tesco Controls
2.15.1 Tesco Controls Details
2.15.2 Tesco Controls Major Business
2.15.3 Tesco Controls Operational Technology Product and Solutions
2.15.4 Tesco Controls Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.15.5 Tesco Controls Recent Developments and Future Plans
2.16 SAP
2.16.1 SAP Details
2.16.2 SAP Major Business
2.16.3 SAP Operational Technology Product and Solutions
2.16.4 SAP Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.16.5 SAP Recent Developments and Future Plans
2.17 IBM
2.17.1 IBM Details
2.17.2 IBM Major Business
2.17.3 IBM Operational Technology Product and Solutions
2.17.4 IBM Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.17.5 IBM Recent Developments and Future Plans

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2.18 Cisco Systems
2.18.1 Cisco Systems Details
2.18.2 Cisco Systems Major Business
2.18.3 Cisco Systems Operational Technology Product and Solutions
2.18.4 Cisco Systems Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.18.5 Cisco Systems Recent Developments and Future Plans
2.19 Oracle
2.19.1 Oracle Details
2.19.2 Oracle Major Business
2.19.3 Oracle Operational Technology Product and Solutions
2.19.4 Oracle Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.19.5 Oracle Recent Developments and Future Plans
2.20 Huawei Technologies
2.20.1 Huawei Technologies Details
2.20.2 Huawei Technologies Major Business
2.20.3 Huawei Technologies Operational Technology Product and Solutions
2.20.4 Huawei Technologies Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.20.5 Huawei Technologies Recent Developments and Future Plans
2.21 Hewlett-Packard Enterprise
2.21.1 Hewlett-Packard Enterprise Details
2.21.2 Hewlett-Packard Enterprise Major Business
2.21.3 Hewlett-Packard Enterprise Operational Technology Product and Solutions
2.21.4 Hewlett-Packard Enterprise Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.21.5 Hewlett-Packard Enterprise Recent Developments and Future Plans
2.22 NEC Corporation
2.22.1 NEC Corporation Details
2.22.2 NEC Corporation Major Business
2.22.3 NEC Corporation Operational Technology Product and Solutions
2.22.4 NEC Corporation Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.22.5 NEC Corporation Recent Developments and Future Plans
2.23 Cognizant
2.23.1 Cognizant Details
2.23.2 Cognizant Major Business
2.23.3 Cognizant Operational Technology Product and Solutions

+357 96 030922
info@marketpublishers.com

2.23.4 Cognizant Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.23.5 Cognizant Recent Developments and Future Plans
2.24 Accenture
2.24.1 Accenture Details
2.24.2 Accenture Major Business
2.24.3 Accenture Operational Technology Product and Solutions
2.24.4 Accenture Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.24.5 Accenture Recent Developments and Future Plans
2.25 Wipro
2.25.1 Wipro Details
2.25.2 Wipro Major Business
2.25.3 Wipro Operational Technology Product and Solutions
2.25.4 Wipro Operational Technology Revenue, Gross Margin and Market Share (2019-2024)
2.25.5 Wipro Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

3.1 Global Operational Technology Revenue and Share by Players (2019-2024)
3.2 Market Share Analysis (2023)
3.2.1 Market Share of Operational Technology by Company Revenue
3.2.2 Top 3 Operational Technology Players Market Share in 2023
3.2.3 Top 6 Operational Technology Players Market Share in 2023
3.3 Operational Technology Market: Overall Company Footprint Analysis
3.3.1 Operational Technology Market: Region Footprint
3.3.2 Operational Technology Market: Company Product Type Footprint
3.3.3 Operational Technology Market: Company Product Application Footprint
3.4 New Market Entrants and Barriers to Market Entry
3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY COMPONENT

4.1 Global Operational Technology Consumption Value and Market Share by Component (2019-2024)
4.2 Global Operational Technology Market Forecast by Component (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

+357 96 030922
info@marketpublishers.com

5.1 Global Operational Technology Consumption Value Market Share by Application (2019-2024)
5.2 Global Operational Technology Market Forecast by Application (2025-2030)

6 NORTH AMERICA

6.1 North America Operational Technology Consumption Value by Component (2019-2030)
6.2 North America Operational Technology Consumption Value by Application (2019-2030)
6.3 North America Operational Technology Market Size by Country
  6.3.1 North America Operational Technology Consumption Value by Country (2019-2030)
  6.3.2 United States Operational Technology Market Size and Forecast (2019-2030)
  6.3.3 Canada Operational Technology Market Size and Forecast (2019-2030)
  6.3.4 Mexico Operational Technology Market Size and Forecast (2019-2030)

7 EUROPE

7.1 Europe Operational Technology Consumption Value by Component (2019-2030)
7.2 Europe Operational Technology Consumption Value by Application (2019-2030)
7.3 Europe Operational Technology Market Size by Country
  7.3.1 Europe Operational Technology Consumption Value by Country (2019-2030)
  7.3.2 Germany Operational Technology Market Size and Forecast (2019-2030)
  7.3.3 France Operational Technology Market Size and Forecast (2019-2030)
  7.3.4 United Kingdom Operational Technology Market Size and Forecast (2019-2030)
  7.3.5 Russia Operational Technology Market Size and Forecast (2019-2030)
  7.3.6 Italy Operational Technology Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

8.1 Asia-Pacific Operational Technology Consumption Value by Component (2019-2030)
8.2 Asia-Pacific Operational Technology Consumption Value by Application (2019-2030)
8.3 Asia-Pacific Operational Technology Market Size by Region
  8.3.1 Asia-Pacific Operational Technology Consumption Value by Region (2019-2030)
  8.3.2 China Operational Technology Market Size and Forecast (2019-2030)

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8.3.3 Japan Operational Technology Market Size and Forecast (2019-2030)
8.3.4 South Korea Operational Technology Market Size and Forecast (2019-2030)
8.3.5 India Operational Technology Market Size and Forecast (2019-2030)
8.3.6 Southeast Asia Operational Technology Market Size and Forecast (2019-2030)
8.3.7 Australia Operational Technology Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

9.1 South America Operational Technology Consumption Value by Component (2019-2030)
9.2 South America Operational Technology Consumption Value by Application (2019-2030)
9.3 South America Operational Technology Market Size by Country
9.3.1 South America Operational Technology Consumption Value by Country (2019-2030)
9.3.2 Brazil Operational Technology Market Size and Forecast (2019-2030)
9.3.3 Argentina Operational Technology Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Operational Technology Consumption Value by Component (2019-2030)
10.2 Middle East & Africa Operational Technology Consumption Value by Application (2019-2030)
10.3 Middle East & Africa Operational Technology Market Size by Country
10.3.1 Middle East & Africa Operational Technology Consumption Value by Country (2019-2030)
10.3.2 Turkey Operational Technology Market Size and Forecast (2019-2030)
10.3.3 Saudi Arabia Operational Technology Market Size and Forecast (2019-2030)
10.3.4 UAE Operational Technology Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

11.1 Operational Technology Market Drivers
11.2 Operational Technology Market Restraints
11.3 Operational Technology Trends Analysis
11.4 Porters Five Forces Analysis
11.4.1 Threat of New Entrants
11.4.2 Bargaining Power of Suppliers

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11.4.3 Bargaining Power of Buyers
11.4.4 Threat of Substitutes
11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

12.1 Operational Technology Industry Chain
12.2 Operational Technology Upstream Analysis
12.3 Operational Technology Midstream Analysis
12.4 Operational Technology Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology
14.2 Research Process and Data Source
14.3 Disclaimer

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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