SCOTTS
INTERNATIONAL

Operational Technologies Market By Component (Control Systems, Field Devices), By Technology (Wired, Wireless), By Vertical (Oil and Gas, Food and Beverages, Energy and Power, Automotive, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-07-01 | 550 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License $3456.00
- Business User License $5730.00
- Enterprise License $9600.00

Report description:

The global operational technologies market was valued at $146 billion in 2022, and is projected to reach $292.7 billion by 2032, growing at a CAGR of 7.6% from 2023 to 2032. The hardware and software systems used to control, monitor, and manage physical processes and industrial activities are referred to as operational technology. It includes a diverse set of technologies such as industrial control systems (ICS), supervisory control and data acquisition (SCADA) systems, programmable logic controllers (PLCs), and other devices used in industries such as manufacturing, energy, transportation, and infrastructure.
Rise in need for efficiency and productivity in industrial operations by operational technology drives the market. While businesses attempt to optimize their operations, save costs, and increase productivity, there is a rising need for modern OT systems that can automate and simplify processes, provide real-time monitoring, and control, and give reliable data for analysis and decision-making. The need to improve operational efficiency, reduce downtime, improve quality control, and satisfy regulatory standards drives the adoption of OT solutions, allowing companies to reach better levels of productivity and competitiveness in a rapidly evolving market.
The market growth is supplemented by proactive industrialization efforts and surge in manufacturing output, owing to technological advancements. These factors have allowed emerging markets to evolve as largest markets during the forecast period both, from the demand as well as the supply side. Public & private organizations have substantially invested in R&D activities and fabrication techniques to develop cost-effective operational technology.
The performance of physical equipment is monitored and regulated by operational technology. Remote monitoring and management of physical equipment is a critical component of operational technology. Operational technology has become a frequent and crucial component of critical infrastructure systems due to its widespread usage in refineries, nuclear reactors, and

other critical infrastructure systems. Previously, it was only used in manufacturing, transportation, and utility control systems, and the technologies were limited in their networking capabilities. With advancements in communication and networking technology, conventional operational technology that was previously used only in industrial control systems is now being supplanted by operational technology, leading to the rise in the need for smart operational technologies.
For the purpose of analysis, the operational technology market scope covers segmentation based on component, technology, vertical, and region. On the basis of component, it is divided into field devices and control systems. Field devices are further bifurcated into industrial valves, transmitters, industrial sensors and actuators. Control systems are divided into SCADA, WMS, DCS, HMI and others. On the basis of technology, it is fragmented into wired and wireless. By vertical, it is divided into pharmaceuticals, food and beverages, oil and gas, energy and power, automotive, and others. Region-wise, the operational technology market trends are analyzed across North America (U.S., Canada, and Mexico), Europe (Germany, France, UK, and rest of Europe), Asia-Pacific (China, Japan, India, South Korea, and rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).
The key players operating in the market include operational technology market players, such as ABB Ltd., Siemens, Schneider Electric SE., Rockwell Automation Inc., Honeywell International Inc., Emerson Electric Company, General Electric, IBM Corp, Oracle Corporation, and Fuji Electric Co., Ltd.
Key Benefits For Stakeholders
-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the operational technologies market analysis from 2022 to 2032 to identify the prevailing operational technologies market opportunities.
-The market research is offered along with information related to key drivers, restraints, and opportunities.
-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
-In-depth analysis of the operational technologies market segmentation assists to determine the prevailing market opportunities.
-Major countries in each region are mapped according to their revenue contribution to the global market.
-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
-The report includes the analysis of the regional as well as global operational technologies market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:
- Quarterly Update and* (only available with a corporate license, on listed price)
- 5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.
- Free Upcoming Version on the Purchase of Five and Enterprise User License.
- 16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)
- 15% Free Customization* (in case the scope or segment of the report does not match your requirements, 20% is equivalent to 3 working days of free work, applicable once)
- Free data Pack on the Five and Enterprise User License. (Excel version of the report)
- Free Updated report if the report is 6-12 months old or older.
- 24-hour priority response*
- Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline talk to the sales executive to know more)
- Product Benchmarking / Product specification and applications
- Regulatory Guidelines
- Import Export Analysis/Data
Key Market Segments
By Component

- Control Systems
- Control Systems
- SCADA
- DCS
- WMS
- HMI
- Others
- Field Devices
- Field Devices
- Transmitters
- Industrial Sensors
- Industrial Valves
- Actuators

By Technology

- Wired
- Wireless

By Vertical

- Oil and Gas
- Food and Beverages
- Energy and Power
- Automotive
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- ABB Ltd.
- Emerson Electric Company
- Fuji Electric Co., Ltd.
- General Electric

- Honeywell International Inc.
- IBM Corp
- Oracle Corporation
- Rockwell Automation Inc.
- Schneider Electric SE.
- Siemens

Table of Contents:

6.4. Energy and Power
6.4.1. Key market trends, growth factors and opportunities
6.4.2. Market size and forecast, by region
6.4.3. Market share analysis by country
6.5. Automotive
6.5.1. Key market trends, growth factors and opportunities
6.5.2. Market size and forecast, by region
6.5.3. Market share analysis by country
6.6. Others
6.6.1. Key market trends, growth factors and opportunities
6.6.2. Market size and forecast, by region
6.6.3. Market share analysis by country
CHAPTER 7: OPERATIONAL TECHNOLOGIES MARKET, BY REGION
7.1. Overview
7.1.1. Market size and forecast By Region
7.2. North America
7.2.1. Key trends and opportunities
7.2.2. Market size and forecast, by Component
7.2.2.1. North America Control Systems Operational Technologies Market by Control Systems
7.2.2.2. North America Field Devices Operational Technologies Market by Field Devices
7.2.3. Market size and forecast, by Technology
7.2.4. Market size and forecast, by Vertical
7.2.5. Market size and forecast, by country
7.2.5.1. U.S.
7.2.5.1.1. Key market trends, growth factors and opportunities
7.2.5.1.2. Market size and forecast, by Component
7.2.5.1.2.1. U.S. Control Systems Operational Technologies Market by Control Systems
7.2.5.1.2.2. U.S. Field Devices Operational Technologies Market by Field Devices
7.2.5.1.3. Market size and forecast, by Technology
7.2.5.1.4. Market size and forecast, by Vertical
7.2.5.2. Canada
7.2.5.2.1. Key market trends, growth factors and opportunities
7.2.5.2.2. Market size and forecast, by Component
7.2.5.2.2.1. Canada Control Systems Operational Technologies Market by Control Systems
7.2.5.2.2.2. Canada Field Devices Operational Technologies Market by Field Devices
7.2.5.2.3. Market size and forecast, by Technology
7.2.5.2.4. Market size and forecast, by Vertical
7.2.5.3. Mexico
7.2.5.3.1. Key market trends, growth factors and opportunities
7.2.5.3.2. Market size and forecast, by Component
7.2.5.3.2.1. Mexico Control Systems Operational Technologies Market by Control Systems
7.2.5.3.2.2. Mexico Field Devices Operational Technologies Market by Field Devices
7.2.5.3.3. Market size and forecast, by Technology
7.2.5.3.4. Market size and forecast, by Vertical
7.3. Europe
7.3.1. Key trends and opportunities
7.3.2. Market size and forecast, by Component

Operational Technologies Market By Component (Control Systems, Field Devices), By Technology (Wired, Wireless), By Vertical (Oil and Gas, Food and Beverages, Energy and Power, Automotive, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-07-01 | 550 pages | Allied Market Research

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	$3456.00
	Business User License	$5730.00
	Enterprise License	$9600.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	

Scotts International. EU Vat number: PL 6772247784
tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com

Date	2026-03-11
Signature	