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Global Operational Technology Security Market Size study & Forecast, by Component (Solution, Services), by Deployment Mode (On-Premise, Cloud), by Organization Size (Large Enterprises, Small and Medium Enterprises), by End-User (BFSI, Manufacturing, Energy and Power, Oil and Gas, Transportation and Logistics, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Operational Technology Security Market is valued at approximately USD 15.2 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 19% over the forecast period 2023-2030. Operational Technology (OT) security encompasses a variety of technologies, procedures, and guidelines aimed at recognizing and minimizing risks to operational technology systems. These measures encompass activities such as partitioning networks, managing access, detecting intrusions, and preparing for incident response. OT security has gained significant importance due to the increased connectivity of industrial control systems, which has raised the risk of cyber-attacks and infrastructure disruptions. As a result, there is a growing emphasis on enhancing OT security through increased investment, collaboration, and best practices. The market is being driven by the rising adoption of cloud-based OT security solutions, government initiatives in security standards, and the growing demand for cyber threat modeling solutions.

Supportive government policies and increased investments by public and private authorities in security standards have a positive impact on the growth of the Operational Technology Security Market. For instance, in July 2020, the release of advisories by

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organizations such as the National Security Agency and the Cyber Security & Infrastructure Security Agency increased awareness of cybersecurity threats and enhanced service performance and safety standards. Furthermore, in February 2023, the Technology Modernization Fund raised over USD 650 million, focusing on enhancing cybersecurity and digital services, driving the growth of global Operational Technology Security Market. Additionally, increasing connectivity of industrial operations to the Internet and rise in work-from-home activities and the widespread availability of broadband, are expected to create ample opportunities for market growth in the forecast period. However, the high cost of operational technology security stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Operational Technology Security Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the adoption of OT security solutions by government authorities and cybercrime agencies. These solutions help streamline security operations, thereby driving market expansion within the region. Asia Pacific is expected to grow significantly over the forecast period, owing to factors such as rapid industrialization, increasing cybersecurity concerns, government initiatives, digital transformation, and economic growth. The region's expanding industrial infrastructure and rising cyber threats drive the demand for OT security solutions to protect critical operations, making it a prominent market for OT security.

Major market player included in this report are:
Cisco System, Inc.
Darktrace Holdings Limited
Kaspersky Lab
Fortinet, Inc.
Forcepoint
Microsoft Corporation
Forescout Technologies Inc.
Broadcom Inc
Palo Alto Networks Inc
Thales Group

Recent Developments in the Market:
In May 2022, Broadcom acquired VMware for a significant amount of USD 1 billion. As a result, Broadcom Software Group rebranded and operated under the VMware name, incorporating Broadcom's infrastructure and security software solutions into VMware's portfolio.

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In December 2021, VMware introduced VMware Carbon Black Cloud Managed Detection and Response (MDR) to assist enterprises with limited resources in their Security Operation Centers (SOCs) by addressing the challenges posed by ever-changing threat landscapes.

Global Operational Technology Security Market Report Scope:
Historical Data – 2020 - 2021
Base Year for Estimation – 2022
Forecast period - 2023-2030
Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered – Component, Deployment Mode, Organization Size, End User, Region
Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa
Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component:
Solution
Services
By Deployment Mode:
On-Premise
Cloud
By Organization Size:
Large Enterprises
Small and Medium Enterprises
By End User:

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BFSI
Manufacturing
Energy and Power
Oil and Gas
Transportation and Logistics
Others
By Region:

North America
U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Market Snapshot
1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  1.2.1. Operational Technology Security Market, by Region, 2020-2030 (USD Billion)
  1.2.2. Operational Technology Security Market, by Component, 2020-2030 (USD Billion)
  1.2.3. Operational Technology Security Market, by Deployment Mode, 2020-2030 (USD Billion)
  1.2.4. Operational Technology Security Market, by Organization Size, 2020-2030 (USD Billion)
  1.2.5. Operational Technology Security Market, by End-User, 2020-2030 (USD Billion)
1.3. Key Trends
1.4. Estimation Methodology
1.5. Research Assumption

CHAPTER 2. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET DEFINITION AND SCOPE

2.1. Objective of the Study
2.2. Market Definition & Scope
  2.2.1. Industry Evolution
  2.2.2. Scope of the Study
2.3. Years Considered for the Study
2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET DYNAMICS

3.1. Operational Technology Security Market Impact Analysis (2020-2030)
  3.1.1. Market Drivers
    3.1.1.1. Rise in adoption of cloud-based OT security solutions
    3.1.1.2. Surge in integration of government initiatives in security standards
    3.1.1.3. Growing demand for cyber threat modeling solutions
  3.1.2. Market Challenges
    3.1.2.1. Dearth of trained security staff to analyse OT security systems
    3.1.2.2. High installation cost of OT security solution

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3.1.3. Market Opportunities
3.1.3.1. Rise in IIoT connectivity between industrial operations and the internet
3.1.3.2. Increased work-from-home activities widen the penetration of broadband

CHAPTER 4. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET INDUSTRY ANALYSIS

4.1. Porter’s 5 Force Model
4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes
4.1.5. Competitive Rivalry
4.2. Porter’s 5 Force Impact Analysis
4.3. PEST Analysis
4.3.1. Political
4.3.2. Economical
4.3.3. Social
4.3.4. Technological
4.3.5. Environmental
4.3.6. Legal
4.4. Top investment opportunity
4.5. Top winning strategies
4.6. COVID-19 Impact Analysis
4.7. Disruptive Trends
4.8. Industry Expert Perspective
4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET, BY COMPONENT

5.1. Market Snapshot
5.2. Global Operational Technology Security Market by Component, Performance - Potential Analysis
5.3. Global Operational Technology Security Market Estimates & Forecasts by Component 2020-2030 (USD Billion)
5.4. Operational Technology Security Market, Sub Segment Analysis
5.4.1. Solution
5.4.2. Services

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CHAPTER 6. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET, BY DEPLOYMENT MODE

6.1. Market Snapshot
6.2. Global Operational Technology Security Market by Deployment Mode, Performance - Potential Analysis
6.3. Global Operational Technology Security Market Estimates & Forecasts by Deployment Mode 2020-2030 (USD Billion)
6.4. Operational Technology Security Market, Sub Segment Analysis
  6.4.1. On-Premise
  6.4.2. Cloud

CHAPTER 7. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET, BY ORGANIZATION SIZE

7.1. Market Snapshot
7.2. Global Operational Technology Security Market by Organization Size, Performance - Potential Analysis
7.3. Global Operational Technology Security Market Estimates & Forecasts by Organization Size 2020-2030 (USD Billion)
7.4. Operational Technology Security Market, Sub Segment Analysis
  7.4.1. Large Enterprises
  7.4.2. Small and Medium Enterprises

CHAPTER 8. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET, BY END-USER

8.1. Market Snapshot
8.2. Global Operational Technology Security Market by End-User, Performance - Potential Analysis
8.3. Global Operational Technology Security Market Estimates & Forecasts by End-User 2020-2030 (USD Billion)
8.4. Operational Technology Security Market, Sub Segment Analysis
  8.4.1. BFSI
  8.4.2. Manufacturing
  8.4.3. Energy and Power
  8.4.4. Oil and Gas
  8.4.5. Transportation and Logistics

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8.4.6. Others

CHAPTER 9. GLOBAL OPERATIONAL TECHNOLOGY SECURITY MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries
9.2. Top Emerging Countries
9.3. Operational Technology Security Market, Regional Market Snapshot
9.4. North America Operational Technology Security Market
9.4.1. U.S. Operational Technology Security Market
9.4.1.1. Component breakdown estimates & forecasts, 2020-2030
9.4.1.2. Deployment Mode breakdown estimates & forecasts, 2020-2030
9.4.1.3. Organization Size breakdown estimates & forecasts, 2020-2030
9.4.1.4. End-User breakdown estimates & forecasts, 2020-2030
9.4.2. Canada Operational Technology Security Market
9.5. Europe Operational Technology Security Market Snapshot
9.5.1. U.K. Operational Technology Security Market
9.5.2. Germany Operational Technology Security Market
9.5.3. France Operational Technology Security Market
9.5.4. Spain Operational Technology Security Market
9.5.5. Italy Operational Technology Security Market
9.5.6. Rest of Europe Operational Technology Security Market
9.6. Asia-Pacific Operational Technology Security Market Snapshot
9.6.1. China Operational Technology Security Market
9.6.2. India Operational Technology Security Market
9.6.3. Japan Operational Technology Security Market
9.6.4. Australia Operational Technology Security Market
9.6.5. South Korea Operational Technology Security Market
9.6.6. Rest of Asia Pacific Operational Technology Security Market
9.7. Latin America Operational Technology Security Market Snapshot
9.7.1. Brazil Operational Technology Security Market
9.7.2. Mexico Operational Technology Security Market
9.8. Middle East & Africa Operational Technology Security Market
9.8.1. Saudi Arabia Operational Technology Security Market
9.8.2. South Africa Operational Technology Security Market
9.8.3. Rest of Middle East & Africa Operational Technology Security Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

+44 20 8123 2220
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10.1. Key Company SWOT Analysis
10.1.1. Company
10.1.2. Company
10.1.3. Company
10.2. Top Market Strategies
10.3. Company Profiles
10.3.1. Cisco System, Inc.
10.3.1.1. Key Information
10.3.1.2. Overview
10.3.1.3. Financial (Subject to Data Availability)
10.3.1.4. Product Summary
10.3.1.5. Recent Developments
10.3.2. Darktrace Holdings Limited
10.3.3. Kaspersky Lab
10.3.4. Fortinet, Inc.
10.3.5. Forcepoint
10.3.6. Microsoft Corporation
10.3.7. Forescout Technologies Inc.
10.3.8. Broadcom Inc
10.3.9. Palo Alto Networks Inc
10.3.10. Thales Group

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process
11.1.1. Data Mining
11.1.2. Analysis
11.1.3. Market Estimation
11.1.4. Validation
11.1.5. Publishing
11.2. Research Attributes
11.3. Research Assumption

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List Of Tables

LIST OF TABLES

TABLE 1. Global Operational Technology Security Market, report scope
TABLE 2. Global Operational Technology Security Market estimates & forecasts by Region 2020-2030 (USD Billion)
TABLE 3. Global Operational Technology Security Market estimates & forecasts by Component 2020-2030 (USD Billion)
TABLE 4. Global Operational Technology Security Market estimates & forecasts by Deployment Mode 2020-2030 (USD Billion)
TABLE 5. Global Operational Technology Security Market estimates & forecasts by Organization Size 2020-2030 (USD Billion)
TABLE 6. Global Operational Technology Security Market estimates & forecasts by End-User 2020-2030 (USD Billion)
TABLE 7. Global Operational Technology Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 8. Global Operational Technology Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 9. Global Operational Technology Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 10. Global Operational Technology Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 11. Global Operational Technology Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 12. Global Operational Technology Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 13. Global Operational Technology Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 14. Global Operational Technology Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 15. Global Operational Technology Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 16. Global Operational Technology Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 17. U.S. Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 18. U.S. Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

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TABLE 19. U.S. Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 20. Canada Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 21. Canada Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 22. Canada Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 23. UK Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 24. UK Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 25. UK Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 26. Germany Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 27. Germany Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 28. Germany Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 29. France Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 30. France Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 31. France Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 32. Italy Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 33. Italy Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 34. Italy Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 35. Spain Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 36. Spain Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 37. Spain Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 38. RoE Operational Technology Security Market estimates & forecasts,

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2020-2030 (USD Billion)
TABLE 39. RoE Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 40. RoE Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 41. China Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 42. China Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 43. China Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 44. India Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 45. India Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 46. India Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 47. Japan Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 48. Japan Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 49. Japan Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 50. South Korea Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 51. South Korea Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 52. South Korea Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 53. Australia Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 54. Australia Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 55. Australia Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 56. RoAPAC Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 57. RoAPAC Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

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TABLE 58. RoAPAC Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 59. Brazil Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 60. Brazil Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 61. Brazil Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 62. Mexico Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 63. Mexico Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 64. Mexico Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 65. RoLA Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 66. RoLA Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 67. RoLA Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 68. Saudi Arabia Operational Technology Security Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 69. South Africa Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 70. RoMEA Operational Technology Security Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 71. List of secondary sources, used in the study of global Operational Technology Security Market
TABLE 72. List of primary sources, used in the study of global Operational Technology Security Market
TABLE 73. Years considered for the study
TABLE 74. Exchange rates considered
List of tables and figures are dummy in Component, final lists may vary in the final deliverable

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List Of Figures

LIST OF FIGURES

FIG 1. Global Operational Technology Security Market, research methodology
FIG 2. Global Operational Technology Security Market, Market estimation techniques
FIG 3. Global Market size estimates & forecast methods
FIG 4. Global Operational Technology Security Market, key trends 2022
FIG 5. Global Operational Technology Security Market, growth prospects 2023-2030
FIG 6. Global Operational Technology Security Market, porters 5 force model
FIG 7. Global Operational Technology Security Market, pest analysis
FIG 8. Global Operational Technology Security Market, value chain analysis
FIG 9. Global Operational Technology Security Market by segment, 2020 & 2030 (USD Billion)
FIG 10. Global Operational Technology Security Market by segment, 2020 & 2030 (USD Billion)
FIG 11. Global Operational Technology Security Market by segment, 2020 & 2030 (USD Billion)
FIG 12. Global Operational Technology Security Market by segment, 2020 & 2030 (USD Billion)
FIG 13. Global Operational Technology Security Market by segment, 2020 & 2030 (USD Billion)
FIG 14. Global Operational Technology Security Market, regional snapshot 2020 & 2030
FIG 15. North America Operational Technology Security Market 2020 & 2030 (USD Billion)
FIG 16. Europe Operational Technology Security Market 2020 & 2030 (USD Billion)
FIG 17. Asia pacific Operational Technology Security Market 2020 & 2030 (USD Billion)
FIG 18. Latin America Operational Technology Security Market 2020 & 2030 (USD Billion)
FIG 19. Middle East & Africa Operational Technology Security Market 2020 & 2030 (USD Billion)
List of tables and figures are dummy in Component, final lists may vary in the final deliverable

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