

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

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.

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:

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

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