

# **Global Deep Packet Inspection and Processing Market Size study, by Component (Solutions, Software, Hardware, Services), by Deployment Model (On-premise, Cloud), by Installation Type (Integrated, Standalone), by Organization Size (SMEs, Large Enterprises), by Vertical (BFSI, Government & Defense, Healthcare, IT & Telecom, Manufacturing, Retail), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/GE2F63C9DA61EN.html>

Date: October 2024

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: GE2F63C9DA61EN

## **Abstracts**

Global Deep Packet Inspection and Processing Market is valued at approximately USD 11.60 billion in 2023 and is anticipated to grow at a promising CAGR of 7.44% over the forecast period 2024-2032. Deep Packet Inspection (DPI) and processing represent sophisticated network filtering technologies that enable in-depth examination of both the data payload and the header of packets as they transit through an inspection point. DPI offers advanced capabilities to identify, classify, and manage network traffic based on content such as applications, protocols, and user behaviours. This elevated level of scrutiny is essential for bolstering network security, allowing for the detection and prevention of threats, including malware, unauthorized access, and other cyber threats. Moreover, DPI's ability to optimize bandwidth management and enhance data collection makes it an indispensable tool in modern network infrastructures.

The Global Deep Packet Inspection and Processing Market is driven by surge in modern network performance requirements, coupled with the rising incidence of cyberattacks, is compelling enterprises to adopt DPI technologies to safeguard their digital environments. The deployment of DPI not only strengthens security postures but also facilitates improved network management, allowing organizations to monitor and

control traffic flows more effectively. The increasing demand for secure, efficient network management solutions across various industries is further propelling the market's growth trajectory. However, increased computation time is going to impede the overall demand for the market during forecast period 2022-2032.

The key regions considered for the market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America dominates the Deep Packet Inspection and Processing market, with the region thriving at a substantial CAGR during the forecast period. This dominance is attributed to the expanding corporate landscape, the escalating frequency of cyberattacks, and the adoption of integrated technologies that demand robust security frameworks. The growing necessity to safeguard complex and sensitive data in modern corporate environments is also fuelling the demand for DPI solutions in this region.

Major market players included in this report are:

Cisco Systems, Inc.

Palo Alto Networks, Inc.

Check Point Software Technologies Ltd.

Fortinet, Inc.

Huawei Technologies Co., Ltd.

Juniper Networks, Inc.

F5 Networks, Inc.

Netscout Systems, Inc.

Viavi Solutions Inc.

SonicWall, Inc.

Allot Communications Ltd.

SolarWinds Worldwide, LLC

Extreme Networks, Inc

Qosmos

Arbor Networks

The detailed segments and sub-segment of the market are explained below:

#### By Component

Solutions

Software

Hardware

Services

#### By Deployment Model

On-premise

Cloud

#### By Installation Type

Integrated

Standalone

#### By Organization Size

SMEs

Large Enterprises

## By Vertical

BFSI

Government & Defense

Healthcare

IT & Telecom

Manufacturing

Retail

## 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

RoLA

## Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

#### Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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