+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

By Vertical

- BFSI
- Government & Defense
- Healthcare
- IT & Telecom
- Manufacturing
- Retail

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy
- ROE

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

Contents

CHAPTER 1. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET EXECUTIVE SUMMARY

1.1. Global Deep Packet Inspection and Processing Market Size & Forecast (2022-2032)
1.2. Regional Summary
1.3. Segmental Summary
  1.3.1. By Component
  1.3.2. By Deployment Model
  1.3.3. By Installation Type
  1.3.4. By Organization Size
  1.3.5. By Vertical
1.4. Key Trends
1.5. Recession Impact
1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET DEFINITION AND RESEARCH ASSUMPTIONS

2.1. Research Objective
2.2. Market Definition
2.3. Research Assumptions
  2.3.1. Inclusion & Exclusion
  2.3.2. Limitations
  2.3.3. Supply Side Analysis
    2.3.3.1. Availability
    2.3.3.2. Infrastructure
    2.3.3.3. Regulatory Environment
    2.3.3.4. Market Competition
    2.3.3.5. Economic Viability (Consumer’s Perspective)
  2.3.4. Demand Side Analysis
    2.3.4.1. Regulatory frameworks
    2.3.4.2. Technological Advancements
    2.3.4.3. Environmental Considerations
    2.3.4.4. Consumer Awareness & Acceptance
2.4. Estimation Methodology
2.5. Years Considered for the Study

+357 96 030922
info@marketpublishers.com

2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET DYNAMICS

3.1. Market Drivers
  3.1.1. Modern network performance and rising cyberattacks
3.2. Market Challenges
  3.2.1. Increased computation time
3.3. Market Opportunities
  3.3.1. Adoption of modern corporate network management and safeguarding solutions
  3.3.2. Increased adoption of AI and ML

CHAPTER 4. GLOBAL DEEP PACKET INSPECTION AND PROCESSING 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
  4.1.6. Futuristic Approach to Porter’s 5 Force Model
  4.1.7. Porter’s 5 Force Impact Analysis
4.2. PESTEL Analysis
  4.2.1. Political
  4.2.2. Economical
  4.2.3. Social
  4.2.4. Technological
  4.2.5. Environmental
  4.2.6. Legal
4.3. Top investment opportunity
4.4. Top winning strategies
4.5. Disruptive Trends
4.6. Industry Expert Perspective
4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET SIZE & FORECASTS BY COMPONENT 2022-2032

+357 96 030922
info@marketpublishers.com

5.1. Segment Dashboard
5.2. Global Deep Packet Inspection and Processing Market: Component Revenue Trend Analysis, 2022 & 2032 (USD Billion)
5.2.1. Solutions
5.2.2. Software
5.2.3. Hardware
5.2.4. Services

CHAPTER 6. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET SIZE & FORECASTS BY DEPLOYMENT MODEL 2022-2032

6.1. Segment Dashboard
6.2. Global Deep Packet Inspection and Processing Market: Deployment Model Revenue Trend Analysis, 2022 & 2032 (USD Billion)
6.2.1. On-premise
6.2.2. Cloud

CHAPTER 7. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET SIZE & FORECASTS BY INSTALLATION TYPE 2022-2032

7.1. Segment Dashboard
7.2. Global Deep Packet Inspection and Processing Market: Installation Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)
7.2.1. Integrated
7.2.2. Standalone

CHAPTER 8. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET SIZE & FORECASTS BY ORGANIZATION SIZE 2022-2032

8.1. Segment Dashboard
8.2. Global Deep Packet Inspection and Processing Market: Organization Size Revenue Trend Analysis, 2022 & 2032 (USD Billion)
8.2.1. SMEs
8.2.2. Large Enterprises

CHAPTER 9. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET SIZE & FORECASTS BY VERTICAL 2022-2032

+357 96 030922
info@marketpublishers.com

9.1. Segment Dashboard
9.2. Global Deep Packet Inspection and Processing Market: Vertical Revenue Trend Analysis, 2022 & 2032 (USD Billion)
9.2.1. BFSI
9.2.2. Government & Defense
9.2.3. Healthcare
9.2.4. IT & Telecom
9.2.5. Manufacturing
9.2.6. Retail

CHAPTER 10. GLOBAL DEEP PACKET INSPECTION AND PROCESSING MARKET SIZE & FORECASTS BY REGION 2022-2032

10.1. North America Deep Packet Inspection and Processing Market
10.1.1. U.S. Deep Packet Inspection and Processing Market
10.1.1.1. Component breakdown size & forecasts, 2022-2032
10.1.1.2. Vertical breakdown size & forecasts, 2022-2032
10.1.2. Canada Deep Packet Inspection and Processing Market
10.1.2.1. Component breakdown size & forecasts, 2022-2032
10.1.2.2. Vertical breakdown size & forecasts, 2022-2032
10.2. Europe Deep Packet Inspection and Processing Market
10.2.1. U.K. Deep Packet Inspection and Processing Market
10.2.2. Germany Deep Packet Inspection and Processing Market
10.2.3. France Deep Packet Inspection and Processing Market
10.2.4. Spain Deep Packet Inspection and Processing Market
10.2.5. Italy Deep Packet Inspection and Processing Market
10.2.6. Rest of Europe Deep Packet Inspection and Processing Market
10.3. Asia-Pacific Deep Packet Inspection and Processing Market
10.3.1. China Deep Packet Inspection and Processing Market
10.3.2. India Deep Packet Inspection and Processing Market
10.3.3. Japan Deep Packet Inspection and Processing Market
10.3.4. Australia Deep Packet Inspection and Processing Market
10.3.5. South Korea Deep Packet Inspection and Processing Market
10.3.6. Rest of Asia Pacific Deep Packet Inspection and Processing Market
10.4. Latin America Deep Packet Inspection and Processing Market
10.4.1. Brazil Deep Packet Inspection and Processing Market
10.4.2. Mexico Deep Packet Inspection and Processing Market
10.4.3. Rest of Latin America Deep Packet Inspection and Processing Market
10.5. Middle East & Africa Deep Packet Inspection and Processing Market

+357 96 030922
info@marketpublishers.com

10.5.1. Saudi Arabia Deep Packet Inspection and Processing Market
10.5.2. South Africa Deep Packet Inspection and Processing Market
10.5.3. Rest of Middle East & Africa Deep Packet Inspection and Processing Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

11.1. Key Company SWOT Analysis
11.1.1. Company
11.1.2. Company
11.1.3. Company
11.2. Top Market Strategies
11.3. Company Profiles
11.3.1. Cisco Systems, Inc.
11.3.1.1. Key Information
11.3.1.2. Overview
11.3.1.3. Financial (Subject to Data Availability)
11.3.1.4. Product Summary
11.3.1.5. Market Strategies
11.3.2. Palo Alto Networks, Inc.
11.3.3. Check Point Software Technologies Ltd.
11.3.4. Fortinet, Inc.
11.3.5. Huawei Technologies Co., Ltd.
11.3.6. Juniper Networks, Inc.
11.3.7. F5 Networks, Inc.
11.3.8. Netscout Systems, Inc.
11.3.9. Viavi Solutions Inc.
11.3.10. SonicWall, Inc.
11.3.11. Allot Communications Ltd.
11.3.12. SolarWinds Worldwide, LLC
11.3.13. Extreme Networks, Inc.
11.3.14. Qosmos
11.3.15. Arbor Networks

CHAPTER 12. RESEARCH PROCESS

12.1. Research Process
12.1.1. Data Mining
12.1.2. Analysis
12.1.3. Market Estimation

+357 96 030922
info@marketpublishers.com

12.1.4. Validation
12.1.5. Publishing
12.2. Research Attributes

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

TABLE 1. Global Deep Packet Inspection and Processing Market, report scope
TABLE 2. Global Deep Packet Inspection and Processing Market estimates & forecasts by Region 2022-2032 (USD Billion)
TABLE 3. Global Deep Packet Inspection and Processing Market estimates & forecasts by Component 2022-2032 (USD Billion)
TABLE 4. Global Deep Packet Inspection and Processing Market estimates & forecasts by Vertical 2022-2032 (USD Billion)
…..
This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

FIG 1. Global Deep Packet Inspection and Processing Market, research methodology
FIG 2. Global Deep Packet Inspection and Processing Market, market estimation techniques
FIG 3. Global market size estimates & forecast methods.
FIG 4. Global Deep Packet Inspection and Processing Market, key trends 2023
FIG 5. Global Deep Packet Inspection and Processing Market, growth prospects 2022-2032
FIG 6. Global Deep Packet Inspection and Processing Market, porters 5 force model
FIG 7. Global Deep Packet Inspection and Processing Market, PESTEL analysis
…..
This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: 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

Product link: https://marketpublishers.com/r/GE2F63C9DA61EN.html

Price: US$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GE2F63C9DA61EN.html