

Optical Encryption - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Optical Encryption market is accounted for \$2.48 billion in 2017 and is expected to reach \$5.87 billion by 2026 growing at a CAGR of 10.0%. Increasing data center deployments, rising implementation of cloud-based services & IoT and growing data traffic are the major factors influencing the market growth. However, ever-increasing network complexity is one of the major restraining factors for the growth of the market.

By encryption layer, layer 3 segment has acquired significant market growth due to robust data security that compliments the encryption security at other layers such as application and transport layers, while adding almost no latency in the transport process. Many large-scale IPsec deployments are carried out across enterprise and government networks. By application, data centers and cloud segment is dominating the market due to increasing importance of data analytics. Data Center plays a vital role in supporting the applications businesses, information, users and networked devices. Based on geography, Asia Pacific is anticipated to dominate with the largest market share due to increasing data generating devices and extension of the network in developing countries of this region.

Some of the key players in the optical encryption market include Arista Networks, Microsemi, Cisco, Nokia, Ciena, Acacia Communications, Infinera, Huawei, ECI Telecom, Adva, SSE Enterprise Telecom, Thales E-Security, PacketLight Networks, Windstream Holdings and Smartoptics.

Data Rates Covered:

Greater Than 100g

Greater Than 40g and Less Than 100g

Greater Than 10g and Less Than 40g

Less Than 10g

Encryption Layers Covered:

Layer 3

Layer 2

Layer 1

End Users Covered:

Energy and Utilities

Healthcare

Banking, Financial services, and Insurance (BFSI)

Data Center and Cloud

Government

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL OPTICAL ENCRYPTION MARKET, BY DATA RATE

- 5.1 Introduction
- 5.2 Greater Than 100g
- 5.3 Greater Than 40g and Less Than 100g
- 5.4 Greater Than 10g and Less Than 40g
- 5.5 Less Than 10g

6 GLOBAL OPTICAL ENCRYPTION MARKET, BY ENCRYPTION LAYER

- 6.1 Introduction
- 6.2 Layer
- 6.3 Layer
- 6.4 Layer

7 GLOBAL OPTICAL ENCRYPTION MARKET, BY END USER

- 7.1 Introduction
- 7.2 Energy and Utilities
- 7.3 Healthcare
- 7.4 Banking, Financial services, and Insurance (BFSI)
- 7.5 Data Center and Cloud
- 7.6 Government
- 7.7 Other End Users

8 GLOBAL OPTICAL ENCRYPTION MARKET, BY GEOGRAPHY

- 8.1 Introduction
- 8.2 North America
 - 8.2.1 US
 - 8.2.2 Canada
 - 8.2.3 Mexico
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 UK
 - 8.3.3 Italy
 - 8.3.4 France
 - 8.3.5 Spain
 - 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 Japan

- 8.4.2 China
- 8.4.3 India
- 8.4.4 Australia
- 8.4.5 New Zealand
- 8.4.6 South Korea
- 8.4.7 Rest of Asia Pacific
- 8.5 South America
 - 8.5.1 Argentina
 - 8.5.2 Brazil
 - 8.5.3 Chile
 - 8.5.4 Rest of South America
- 8.6 Middle East & Africa
 - 8.6.1 Saudi Arabia
 - 8.6.2 UAE
 - 8.6.3 Qatar
 - 8.6.4 South Africa
 - 8.6.5 Rest of Middle East & Africa

9 KEY DEVELOPMENTS

- 9.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 9.2 Acquisitions & Mergers
- 9.3 New Product Launch
- 9.4 Expansions
- 9.5 Other Key Strategies

10 COMPANY PROFILING

- 10.1 Arista Networks
- 10.2 Microsemi
- 10.3 Cisco
- 10.4 Nokia
- 10.5 Ciena
- 10.6 Acacia Communications
- 10.7 Infinera
- 10.8 Huawei
- 10.9 ECI Telecom
- 10.10 Adva
- 10.11 SSE Enterprise Telecom

- 10.12 Thales E-Security
- 10.13 PacketLight Networks
- 10.14 Windstream Holdings
- 10.15 Smartoptics

List Of Tables

LIST OF TABLES

Table 1 Global Optical Encryption Market Outlook, By Region (2016-2026) (\$MN)

Table 2 Global Optical Encryption Market Outlook, By Data Rate (2016-2026) (\$MN)

Table 3 Global Optical Encryption Market Outlook, By Greater Than 100g (2016-2026) (\$MN)

Table 4 Global Optical Encryption Market Outlook, By Greater Than 40g and Less Than 100g (2016-2026) (\$MN)

Table 5 Global Optical Encryption Market Outlook, By Greater Than 10g and Less Than 40g (2016-2026) (\$MN)

Table 6 Global Optical Encryption Market Outlook, By Less Than 10g (2016-2026) (\$MN)

Table 7 Global Optical Encryption Market Outlook, By Encryption Layer (2016-2026) (\$MN)

Table 8 Global Optical Encryption Market Outlook, By Layer 3 (2016-2026) (\$MN)

Table 9 Global Optical Encryption Market Outlook, By Layer 2 (2016-2026) (\$MN)

Table 10 Global Optical Encryption Market Outlook, By Layer 1 (2016-2026) (\$MN)

Table 11 Global Optical Encryption Market Outlook, By End User (2016-2026) (\$MN)

Table 12 Global Optical Encryption Market Outlook, By Energy and Utilities (2016-2026) (\$MN)

Table 13 Global Optical Encryption Market Outlook, By Healthcare (2016-2026) (\$MN)

Table 14 Global Optical Encryption Market Outlook, By Banking, Financial services, and Insurance (BFSI) (2016-2026) (\$MN)

Table 15 Global Optical Encryption Market Outlook, By Data Center and Cloud (2016-2026) (\$MN)

Table 16 Global Optical Encryption Market Outlook, By Government (2016-2026) (\$MN)

Table 17 Global Optical Encryption Market Outlook, By Other End Users (2016-2026) (\$MN)

Table 18 North America Optical Encryption Market Outlook, By Country (2016-2026) (\$MN)

Table 19 North America Optical Encryption Market Outlook, By Data Rate (2016-2026) (\$MN)

Table 20 North America Optical Encryption Market Outlook, By Greater Than 100g (2016-2026) (\$MN)

Table 21 North America Optical Encryption Market Outlook, By Greater Than 40g and Less Than 100g (2016-2026) (\$MN)

Table 22 North America Optical Encryption Market Outlook, By Greater Than 10g and

Less Than 40g (2016-2026) (\$MN)

Table 23 North America Optical Encryption Market Outlook, By Less Than 10g (2016-2026) (\$MN)

Table 24 North America Optical Encryption Market Outlook, By Encryption Layer (2016-2026) (\$MN)

Table 25 North America Optical Encryption Market Outlook, By Layer 3 (2016-2026) (\$MN)

Table 26 North America Optical Encryption Market Outlook, By Layer 2 (2016-2026) (\$MN)

Table 27 North America Optical Encryption Market Outlook, By Layer 1 (2016-2026) (\$MN)

Table 28 North America Optical Encryption Market Outlook, By End User (2016-2026) (\$MN)

Table 29 North America Optical Encryption Market Outlook, By Energy and Utilities (2016-2026) (\$MN)

Table 30 North America Optical Encryption Market Outlook, By Healthcare (2016-2026) (\$MN)

Table 31 North America Optical Encryption Market Outlook, By Banking, Financial services, and Insurance (BFSI) (2016-2026) (\$MN)

Table 32 North America Optical Encryption Market Outlook, By Data Center and Cloud (2016-2026) (\$MN)

Table 33 North America Optical Encryption Market Outlook, By Government (2016-2026) (\$MN)

Table 34 North America Optical Encryption Market Outlook, By Other End Users (2016-2026) (\$MN)

Table 35 Europe Optical Encryption Market Outlook, By Country (2016-2026) (\$MN)

Table 36 Europe Optical Encryption Market Outlook, By Data Rate (2016-2026) (\$MN)

Table 37 Europe Optical Encryption Market Outlook, By Greater Than 100g (2016-2026) (\$MN)

Table 38 Europe Optical Encryption Market Outlook, By Greater Than 40g and Less Than 100g (2016-2026) (\$MN)

Table 39 Europe Optical Encryption Market Outlook, By Greater Than 10g and Less Than 40g (2016-2026) (\$MN)

Table 40 Europe Optical Encryption Market Outlook, By Less Than 10g (2016-2026) (\$MN)

Table 41 Europe Optical Encryption Market Outlook, By Encryption Layer (2016-2026) (\$MN)

Table 42 Europe Optical Encryption Market Outlook, By Layer 3 (2016-2026) (\$MN)

Table 43 Europe Optical Encryption Market Outlook, By Layer 2 (2016-2026) (\$MN)

Table 44 Europe Optical Encryption Market Outlook, By Layer 1 (2016-2026) (\$MN)

Table 45 Europe Optical Encryption Market Outlook, By End User (2016-2026) (\$MN)

Table 46 Europe Optical Encryption Market Outlook, By Energy and Utilities (2016-2026) (\$MN)

Table 47 Europe Optical Encryption Market Outlook, By Healthcare (2016-2026) (\$MN)

Table 48 Europe Optical Encryption Market Outlook, By Banking, Financial services, and Insurance (BFSI) (2016-2026) (\$MN)

Table 49 Europe Optical Encryption Market Outlook, By Data Center and Cloud (2016-2026) (\$MN)

Table 50 Europe Optical Encryption Market Outlook, By Government (2016-2026) (\$MN)

Table 51 Europe Optical Encryption Market Outlook, By Other End Users (2016-2026) (\$MN)

Table 52 Asia Pacific Optical Encryption Market Outlook, By Country (2016-2026) (\$MN)

Table 53 Asia Pacific Optical Encryption Market Outlook, By Data Rate (2016-2026) (\$MN)

Table 54 Asia Pacific Optical Encryption Market Outlook, By Greater Than 100g (2016-2026) (\$MN)

Table 55 Asia Pacific Optical Encryption Market Outlook, By Greater Than 40g and Less Than 100g (2016-2026) (\$MN)

Table 56 Asia Pacific Optical Encryption Market Outlook, By Greater Than 10g and Less Than 40g (2016-2026) (\$MN)

Table 57 Asia Pacific Optical Encryption Market Outlook, By Less Than 10g (2016-2026) (\$MN)

Table 58 Asia Pacific Optical Encryption Market Outlook, By Encryption Layer (2016-2026) (\$MN)

Table 59 Asia Pacific Optical Encryption Market Outlook, By Layer 3 (2016-2026) (\$MN)

Table 60 Asia Pacific Optical Encryption Market Outlook, By Layer 2 (2016-2026) (\$MN)

Table 61 Asia Pacific Optical Encryption Market Outlook, By Layer 1 (2016-2026) (\$MN)

Table 62 Asia Pacific Optical Encryption Market Outlook, By End User (2016-2026) (\$MN)

Table 63 Asia Pacific Optical Encryption Market Outlook, By Energy and Utilities (2016-2026) (\$MN)

Table 64 Asia Pacific Optical Encryption Market Outlook, By Healthcare (2016-2026) (\$MN)

Table 65 Asia Pacific Optical Encryption Market Outlook, By Banking, Financial services, and Insurance (BFSI) (2016-2026) (\$MN)

Table 66 Asia Pacific Optical Encryption Market Outlook, By Data Center and Cloud

(2016-2026) (\$MN)

Table 67 Asia Pacific Optical Encryption Market Outlook, By Government (2016-2026) (\$MN)

Table 68 Asia Pacific Optical Encryption Market Outlook, By Other End Users (2016-2026) (\$MN)

Table 69 South America Optical Encryption Market Outlook, By Country (2016-2026) (\$MN)

Table 70 South America Optical Encryption Market Outlook, By Data Rate (2016-2026) (\$MN)

Table 71 South America Optical Encryption Market Outlook, By Greater Than 100g (2016-2026) (\$MN)

Table 72 South America Optical Encryption Market Outlook, By Greater Than 40g and Less Than 100g (2016-2026) (\$MN)

Table 73 South America Optical Encryption Market Outlook, By Greater Than 10g and Less Than 40g (2016-2026) (\$MN)

Table 74 South America Optical Encryption Market Outlook, By Less Than 10g (2016-2026) (\$MN)

Table 75 South America Optical Encryption Market Outlook, By Encryption Layer (2016-2026) (\$MN)

Table 76 South America Optical Encryption Market Outlook, By Layer 3 (2016-2026) (\$MN)

Table 77 South America Optical Encryption Market Outlook, By Layer 2 (2016-2026) (\$MN)

Table 78 South America Optical Encryption Market Outlook, By Layer 1 (2016-2026) (\$MN)

Table 79 South America Optical Encryption Market Outlook, By End User (2016-2026) (\$MN)

Table 80 South America Optical Encryption Market Outlook, By Energy and Utilities (2016-2026) (\$MN)

Table 81 South America Optical Encryption Market Outlook, By Healthcare (2016-2026) (\$MN)

Table 82 South America Optical Encryption Market Outlook, By Banking, Financial services, and Insurance (BFSI) (2016-2026) (\$MN)

Table 83 South America Optical Encryption Market Outlook, By Data Center and Cloud (2016-2026) (\$MN)

Table 84 South America Optical Encryption Market Outlook, By Government (2016-2026) (\$MN)

Table 85 South America Optical Encryption Market Outlook, By Other End Users (2016-2026) (\$MN)

- Table 86 Middle East & Africa Optical Encryption Market Outlook, By Country (2016-2026) (\$MN)
- Table 87 Middle East & Africa Optical Encryption Market Outlook, By Data Rate (2016-2026) (\$MN)
- Table 88 Middle East & Africa Optical Encryption Market Outlook, By Greater Than 100g (2016-2026) (\$MN)
- Table 89 Middle East & Africa Optical Encryption Market Outlook, By Greater Than 40g and Less Than 100g (2016-2026) (\$MN)
- Table 90 Middle East & Africa Optical Encryption Market Outlook, By Greater Than 10g and Less Than 40g (2016-2026) (\$MN)
- Table 91 Middle East & Africa Optical Encryption Market Outlook, By Less Than 10g (2016-2026) (\$MN)
- Table 92 Middle East & Africa Optical Encryption Market Outlook, By Encryption Layer (2016-2026) (\$MN)
- Table 93 Middle East & Africa Optical Encryption Market Outlook, By Layer 3 (2016-2026) (\$MN)
- Table 94 Middle East & Africa Optical Encryption Market Outlook, By Layer 2 (2016-2026) (\$MN)
- Table 95 Middle East & Africa Optical Encryption Market Outlook, By Layer 1 (2016-2026) (\$MN)
- Table 96 Middle East & Africa Optical Encryption Market Outlook, By End User (2016-2026) (\$MN)
- Table 97 Middle East & Africa Optical Encryption Market Outlook, By Energy and Utilities (2016-2026) (\$MN)
- Table 98 Middle East & Africa Optical Encryption Market Outlook, By Healthcare (2016-2026) (\$MN)
- Table 99 Middle East & Africa Optical Encryption Market Outlook, By Banking, Financial services, and Insurance (BFSI) (2016-2026) (\$MN)
- Table 100 Middle East & Africa Optical Encryption Market Outlook, By Data Center and Cloud (2016-2026) (\$MN)
- Table 101 Middle East & Africa Optical Encryption Market Outlook, By Government (2016-2026) (\$MN)
- Table 102 Middle East & Africa Optical Encryption Market Outlook, By Other End Users (2016-2026) (\$MN)

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