

# Network Encryption Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/N2290713C553EN.html>

Date: November 2023

Pages: 144

Price: US\$ 2,499.00 (Single User License)

ID: N2290713C553EN

## Abstracts

The global network encryption market size reached US\$ 4.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.0 Billion by 2028, exhibiting a growth rate (CAGR) of 8.89% during 2022-2028.

Network encryption solutions help protect the privacy and sensitive data of organizations against espionage. They ensure that the data is end-to-end encrypted while transmitting over a computer network. They can be incorporated with zero-touch encryption key management to provide robust, authenticated, and high-assurance encryption. Nowadays, companies across the globe are focusing on integrating network encryption solutions into a single platform to protect website traffic, internal networks, corporate backbone networks, and virtual private networks (VPNs).

### Network Encryption Market Trends:

The growing exchange of data via different networks represents one of the key factors catalyzing the demand for network encryption solutions to protect intellectual property and sensitive business information. Moreover, data threats and cybercriminal activities cause a huge financial loss to individuals and governing agencies. As a result, public authorities are deploying these solutions to secure digital communications and network transmitted data against cyberattacks and data breaches. Apart from this, the growing trend of m-health services, the emerging use of electronic health records (EHRs), and the increasing adoption of connected devices are driving the application of network encryption solutions in the healthcare industry worldwide. This can also be attributed to the growing prevalence of chronic diseases and improving access to healthcare facilities. Network encryption solutions safeguard electronic patient information from data breaches, keep critical systems secure, and contribute to compliance with stringent

governmental regulations. Furthermore, digitization of energy services and rising concerns of preventing operational data loss are positively influencing the market. In addition, the increasing energy demand, along with growing investments by governing agencies of various countries in the renewable energy infrastructure, is providing lucrative growth opportunities to players operating in the industry.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global network encryption market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, deployment mode, organization size and end use industry.

#### Breakup by Component:

- Hardware
- Solutions and Services

#### Breakup by Deployment Mode:

- Cloud-based
- On-premises

#### Breakup by Organization Size:

- Small and Medium-sized Enterprises
- Large Enterprises

#### Breakup by End Use Industry:

- Telecom and IT
- BFSI
- Government
- Media and Entertainment
- Others

#### Breakup by Region:

- North America
- United States

Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Atos SE, Ciena Corporation, Cisco Systems Inc., Colt Technology Services Group Limited, F5 Networks Inc., International Business Machines Corporation, Juniper Networks Inc., Nokia Corporation, PacketLight Networks Ltd., Raytheon Technologies Corporation, Rohde & Schwarz GmbH & Co KG, Securosys SA, Senetas Corporation Limited, Thales Group and Viasat Inc.

#### Key Questions Answered in This Report

1. What was the size of the global network encryption market in 2022?
2. What is the expected growth rate of the global network encryption market during 2023-2028?
3. What has been the impact of COVID-19 on the global network encryption market?
4. What are the key factors driving the global network encryption market?
5. What is the breakup of the global network encryption market based on the component?

6. What is the breakup of the global network encryption market based on the organization size?
7. What is the breakup of the global network encryption market based on the end use industry?
8. What are the key regions in the global network encryption market?
9. Who are the key players/companies in the global network encryption market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL NETWORK ENCRYPTION MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY COMPONENT**

- 6.1 Hardware
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Solutions and Services
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast

## **7 MARKET BREAKUP BY DEPLOYMENT MODE**

### 7.1 Cloud-based

#### 7.1.1 Market Trends

#### 7.1.2 Market Forecast

### 7.2 On-premises

#### 7.2.1 Market Trends

#### 7.2.2 Market Forecast

## **8 MARKET BREAKUP BY ORGANIZATION SIZE**

### 8.1 Small and Medium-sized Enterprises

#### 8.1.1 Market Trends

#### 8.1.2 Market Forecast

### 8.2 Large Enterprises

#### 8.2.1 Market Trends

#### 8.2.2 Market Forecast

## **9 MARKET BREAKUP BY END USE INDUSTRY**

### 9.1 Telecom and IT

#### 9.1.1 Market Trends

#### 9.1.2 Market Forecast

### 9.2 BFSI

#### 9.2.1 Market Trends

#### 9.2.2 Market Forecast

### 9.3 Government

#### 9.3.1 Market Trends

#### 9.3.2 Market Forecast

### 9.4 Media and Entertainment

#### 9.4.1 Market Trends

#### 9.4.2 Market Forecast

### 9.5 Others

#### 9.5.1 Market Trends

#### 9.5.2 Market Forecast

## **10 MARKET BREAKUP BY REGION**

### 10.1 North America

- 10.1.1 United States
  - 10.1.1.1 Market Trends
  - 10.1.1.2 Market Forecast
- 10.1.2 Canada
  - 10.1.2.1 Market Trends
  - 10.1.2.2 Market Forecast
- 10.2 Asia-Pacific
  - 10.2.1 China
    - 10.2.1.1 Market Trends
    - 10.2.1.2 Market Forecast
  - 10.2.2 Japan
    - 10.2.2.1 Market Trends
    - 10.2.2.2 Market Forecast
  - 10.2.3 India
    - 10.2.3.1 Market Trends
    - 10.2.3.2 Market Forecast
  - 10.2.4 South Korea
    - 10.2.4.1 Market Trends
    - 10.2.4.2 Market Forecast
  - 10.2.5 Australia
    - 10.2.5.1 Market Trends
    - 10.2.5.2 Market Forecast
  - 10.2.6 Indonesia
    - 10.2.6.1 Market Trends
    - 10.2.6.2 Market Forecast
  - 10.2.7 Others
    - 10.2.7.1 Market Trends
    - 10.2.7.2 Market Forecast
- 10.3 Europe
  - 10.3.1 Germany
    - 10.3.1.1 Market Trends
    - 10.3.1.2 Market Forecast
  - 10.3.2 France
    - 10.3.2.1 Market Trends
    - 10.3.2.2 Market Forecast
  - 10.3.3 United Kingdom
    - 10.3.3.1 Market Trends
    - 10.3.3.2 Market Forecast
  - 10.3.4 Italy

- 10.3.4.1 Market Trends
- 10.3.4.2 Market Forecast
- 10.3.5 Spain
  - 10.3.5.1 Market Trends
  - 10.3.5.2 Market Forecast
- 10.3.6 Russia
  - 10.3.6.1 Market Trends
  - 10.3.6.2 Market Forecast
- 10.3.7 Others
  - 10.3.7.1 Market Trends
  - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
  - 10.5.1 Market Trends
  - 10.5.2 Market Breakup by Country
  - 10.5.3 Market Forecast

## **11 SWOT ANALYSIS**

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

## **12 VALUE CHAIN ANALYSIS**

## **13 PORTERS FIVE FORCES ANALYSIS**

- 13.1 Overview



- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

## **14 PRICE ANALYSIS**

## **15 COMPETITIVE LANDSCAPE**

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
  - 15.3.1 Atos SE
    - 15.3.1.1 Company Overview
    - 15.3.1.2 Product Portfolio
    - 15.3.1.3 Financials
    - 15.3.1.4 SWOT Analysis
  - 15.3.2 Ciena Corporation
    - 15.3.2.1 Company Overview
    - 15.3.2.2 Product Portfolio
    - 15.3.2.3 Financials
    - 15.3.2.4 SWOT Analysis
  - 15.3.3 Cisco Systems Inc.
    - 15.3.3.1 Company Overview
    - 15.3.3.2 Product Portfolio
    - 15.3.3.3 Financials
    - 15.3.3.4 SWOT Analysis
  - 15.3.4 Colt Technology Services Group Limited
    - 15.3.4.1 Company Overview
    - 15.3.4.2 Product Portfolio
    - 15.3.4.3 SWOT Analysis
  - 15.3.5 F5 Networks Inc.
    - 15.3.5.1 Company Overview
    - 15.3.5.2 Product Portfolio
    - 15.3.5.3 Financials
    - 15.3.5.4 SWOT Analysis
  - 15.3.6 International Business Machines Corporation
    - 15.3.6.1 Company Overview

- 15.3.6.2 Product Portfolio
- 15.3.6.3 Financials
- 15.3.6.4 SWOT Analysis
- 15.3.7 Juniper Networks Inc.
  - 15.3.7.1 Company Overview
  - 15.3.7.2 Product Portfolio
  - 15.3.7.3 Financials
  - 15.3.7.4 SWOT Analysis
- 15.3.8 Nokia Corporation
  - 15.3.8.1 Company Overview
  - 15.3.8.2 Product Portfolio
  - 15.3.8.3 Financials
  - 15.3.8.4 SWOT Analysis
- 15.3.9 PacketLight Networks Ltd.
  - 15.3.9.1 Company Overview
  - 15.3.9.2 Product Portfolio
- 15.3.10 Raytheon Technologies Corporation
  - 15.3.10.1 Company Overview
  - 15.3.10.2 Product Portfolio
  - 15.3.10.3 Financials
  - 15.3.10.4 SWOT Analysis
- 15.3.11 Rohde & Schwarz GmbH & Co KG
  - 15.3.11.1 Company Overview
  - 15.3.11.2 Product Portfolio
- 15.3.12 Securosys SA
  - 15.3.12.1 Company Overview
  - 15.3.12.2 Product Portfolio
- 15.3.13 Senetas Corporation Limited
  - 15.3.13.1 Company Overview
  - 15.3.13.2 Product Portfolio
  - 15.3.13.3 Financials
- 15.3.14 Thales Group
  - 15.3.14.1 Company Overview
  - 15.3.14.2 Product Portfolio
  - 15.3.14.3 Financials
  - 15.3.14.4 SWOT Analysis
- 15.3.15 Viasat Inc.
  - 15.3.15.1 Company Overview
  - 15.3.15.2 Product Portfolio

15.3.15.3 Financials

15.3.15.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Network Encryption Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Network Encryption Market Forecast: Breakup by Component (in Million US\$), 2023-2028

Table 3: Global: Network Encryption Market Forecast: Breakup by Deployment Mode (in Million US\$), 2023-2028

Table 4: Global: Network Encryption Market Forecast: Breakup by Organization Size (in Million US\$), 2023-2028

Table 5: Global: Network Encryption Market Forecast: Breakup by End Use Industry (in Million US\$), 2023-2028

Table 6: Global: Network Encryption Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: Network Encryption Market: Competitive Structure

Table 8: Global: Network Encryption Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Network Encryption Market: Major Drivers and Challenges
- Figure 2: Global: Network Encryption Market: Sales Value (in Billion US\$), 2017-2022
- Figure 3: Global: Network Encryption Market Forecast: Sales Value (in Billion US\$), 2023-2028
- Figure 4: Global: Network Encryption Market: Breakup by Component (in %), 2022
- Figure 5: Global: Network Encryption Market: Breakup by Deployment Mode (in %), 2022
- Figure 6: Global: Network Encryption Market: Breakup by Organization Size (in %), 2022
- Figure 7: Global: Network Encryption Market: Breakup by End Use Industry (in %), 2022
- Figure 8: Global: Network Encryption Market: Breakup by Region (in %), 2022
- Figure 9: Global: Network Encryption (Hardware) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 10: Global: Network Encryption (Hardware) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 11: Global: Network Encryption (Solutions and Services) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 12: Global: Network Encryption (Solutions and Services) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 13: Global: Network Encryption (Cloud-based) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 14: Global: Network Encryption (Cloud-based) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 15: Global: Network Encryption (On-premises) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 16: Global: Network Encryption (On-premises) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 17: Global: Network Encryption (Small and Medium-sized Enterprises) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 18: Global: Network Encryption (Small and Medium-sized Enterprises) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 19: Global: Network Encryption (Large Enterprises) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 20: Global: Network Encryption (Large Enterprises) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Network Encryption (Telecom and IT) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Network Encryption (Telecom and IT) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Network Encryption (BFSI) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Network Encryption (BFSI) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Network Encryption (Government) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Network Encryption (Government) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Network Encryption (Media and Entertainment) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Network Encryption (Media and Entertainment) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Network Encryption (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Network Encryption (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: North America: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: North America: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: United States: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: United States: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Canada: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Canada: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Asia-Pacific: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Asia-Pacific: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: China: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: China: Network Encryption Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 41: Japan: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Japan: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: India: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: India: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: South Korea: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: South Korea: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Australia: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Australia: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Indonesia: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Indonesia: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Others: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Others: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Europe: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Europe: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Germany: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Germany: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: France: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: France: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: United Kingdom: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: United Kingdom: Network Encryption Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 61: Italy: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Italy: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Spain: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Spain: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Russia: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Russia: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Others: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Others: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Latin America: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Latin America: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Brazil: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Brazil: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Mexico: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: Mexico: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Others: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 76: Others: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 77: Middle East and Africa: Network Encryption Market: Sales Value (in Million US\$), 2017 & 2022

Figure 78: Middle East and Africa: Network Encryption Market: Breakup by Country (in %), 2022

Figure 79: Middle East and Africa: Network Encryption Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Global: Network Encryption Industry: SWOT Analysis



Figure 81: Global: Network Encryption Industry: Value Chain Analysis

Figure 82: Global: Network Encryption Industry: Porter's Five Forces Analysis

## I would like to order

Product name: Network Encryption Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/N2290713C553EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N2290713C553EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

