

# Global Hardware Encryption Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

https://marketpublishers.com/r/G7D44A943F0EN.html

Date: December 2018

Pages: 133

Price: US\$ 3,480.00 (Single User License)

ID: G7D44A943F0EN

# **Abstracts**

Hardware encryption is used to encrypt the electronics hardware circuit and stay outside of the encryption of electronic communication products, through internal procedures communications data to determine whether they should continue to execute a program.

# Scope of the Report:

This report studies the Hardware Encryption market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Hardware Encryption market by product type and applications/end industries.

The growth of this market can be attributed to the huge demand for the processor based on ASIC design for the manufacturing of hardware-encrypted hard disk drives and USB drives, owing to their high speed and small form factor.

The global Hardware Encryption market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Hardware Encryption.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers





Market Segment by Type, covers



AES
RSA
Market Segment by Applications, can be divided into
Consumer Electronics
IT
Transport
Aerospace
Medical
Financial Services
Other



# **Contents**

## 1 HARDWARE ENCRYPTION MARKET OVERVIEW

- 1.1 Product Overview and Scope of Hardware Encryption
- 1.2 Classification of Hardware Encryption by Types
- 1.2.1 Global Hardware Encryption Revenue Comparison by Types (2017-2023)
- 1.2.2 Global Hardware Encryption Revenue Market Share by Types in 2017
- 1.2.3 AES
- 1.2.4 RSA
- 1.3 Global Hardware Encryption Market by Application
- 1.3.1 Global Hardware Encryption Market Size and Market Share Comparison by Applications (2013-2023)
  - 1.3.2 Consumer Electronics
  - 1.3.3 IT
  - 1.3.4 Transport
  - 1.3.5 Aerospace
  - 1.3.6 Medical
  - 1.3.7 Financial Services
  - 1.3.8 Other
- 1.4 Global Hardware Encryption Market by Regions
- 1.4.1 Global Hardware Encryption Market Size (Million USD) Comparison by Regions (2013-2023)
- 1.4.1 North America (USA, Canada and Mexico) Hardware Encryption Status and Prospect (2013-2023)
- 1.4.2 Europe (Germany, France, UK, Russia and Italy) Hardware Encryption Status and Prospect (2013-2023)
- 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Hardware Encryption Status and Prospect (2013-2023)
- 1.4.4 South America (Brazil, Argentina, Colombia) Hardware Encryption Status and Prospect (2013-2023)
- 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Hardware Encryption Status and Prospect (2013-2023)
- 1.5 Global Market Size of Hardware Encryption (2013-2023)

#### **2 MANUFACTURERS PROFILES**

- 2.1 Western Digital
  - 2.1.1 Business Overview



- 2.1.2 Hardware Encryption Type and Applications
  - 2.1.2.1 Product A
  - 2.1.2.2 Product B
- 2.1.3 Western Digital Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Samsung Electronics
  - 2.2.1 Business Overview
  - 2.2.2 Hardware Encryption Type and Applications
    - 2.2.2.1 Product A
    - 2.2.2.2 Product B
- 2.2.3 Samsung Electronics Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.3 Seagate Technology
  - 2.3.1 Business Overview
  - 2.3.2 Hardware Encryption Type and Applications
    - 2.3.2.1 Product A
    - 2.3.2.2 Product B
- 2.3.3 Seagate Technology Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.4 Micron Technology
  - 2.4.1 Business Overview
  - 2.4.2 Hardware Encryption Type and Applications
    - 2.4.2.1 Product A
    - 2.4.2.2 Product B
- 2.4.3 Micron Technology Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.5 Kingston Technology
  - 2.5.1 Business Overview
  - 2.5.2 Hardware Encryption Type and Applications
    - 2.5.2.1 Product A
    - 2.5.2.2 Product B
- 2.5.3 Kingston Technology Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.6 Toshiba
  - 2.6.1 Business Overview
  - 2.6.2 Hardware Encryption Type and Applications
    - 2.6.2.1 Product A
    - 2.6.2.2 Product B
  - 2.6.3 Toshiba Hardware Encryption Revenue, Gross Margin and Market Share



#### (2016-2017)

- 2.7 Kanguru Solutions
  - 2.7.1 Business Overview
  - 2.7.2 Hardware Encryption Type and Applications
    - 2.7.2.1 Product A
    - 2.7.2.2 Product B
- 2.7.3 Kanguru Solutions Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.8 Winmagic
  - 2.8.1 Business Overview
  - 2.8.2 Hardware Encryption Type and Applications
    - 2.8.2.1 Product A
    - 2.8.2.2 Product B
- 2.8.3 Winmagic Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.9 Maxim Integrated Products
  - 2.9.1 Business Overview
  - 2.9.2 Hardware Encryption Type and Applications
    - 2.9.2.1 Product A
    - 2.9.2.2 Product B
- 2.9.3 Maxim Integrated Products Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.10 Netapp
  - 2.10.1 Business Overview
  - 2.10.2 Hardware Encryption Type and Applications
    - 2.10.2.1 Product A
    - 2.10.2.2 Product B
- 2.10.3 Netapp Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.11 Gemalto
  - 2.11.1 Business Overview
  - 2.11.2 Hardware Encryption Type and Applications
    - 2.11.2.1 Product A
    - 2.11.2.2 Product B
- 2.11.3 Gemalto Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 Thales
  - 2.12.1 Business Overview
  - 2.12.2 Hardware Encryption Type and Applications



- 2.12.2.1 Product A
- 2.12.2.2 Product B
- 2.12.3 Thales Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

#### 3 GLOBAL HARDWARE ENCRYPTION MARKET COMPETITION, BY PLAYERS

- 3.1 Global Hardware Encryption Revenue and Share by Players (2013-2018)
- 3.2 Market Concentration Rate
  - 3.2.1 Top 5 Hardware Encryption Players Market Share
  - 3.2.2 Top 10 Hardware Encryption Players Market Share
- 3.3 Market Competition Trend

#### 4 GLOBAL HARDWARE ENCRYPTION MARKET SIZE BY REGIONS

- 4.1 Global Hardware Encryption Revenue and Market Share by Regions
- 4.2 North America Hardware Encryption Revenue and Growth Rate (2013-2018)
- 4.3 Europe Hardware Encryption Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Hardware Encryption Revenue and Growth Rate (2013-2018)
- 4.5 South America Hardware Encryption Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Hardware Encryption Revenue and Growth Rate (2013-2018)

#### 5 NORTH AMERICA HARDWARE ENCRYPTION REVENUE BY COUNTRIES

- 5.1 North America Hardware Encryption Revenue by Countries (2013-2018)
- 5.2 USA Hardware Encryption Revenue and Growth Rate (2013-2018)
- 5.3 Canada Hardware Encryption Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Hardware Encryption Revenue and Growth Rate (2013-2018)

#### **6 EUROPE HARDWARE ENCRYPTION REVENUE BY COUNTRIES**

- 6.1 Europe Hardware Encryption Revenue by Countries (2013-2018)
- 6.2 Germany Hardware Encryption Revenue and Growth Rate (2013-2018)
- 6.3 UK Hardware Encryption Revenue and Growth Rate (2013-2018)
- 6.4 France Hardware Encryption Revenue and Growth Rate (2013-2018)
- 6.5 Russia Hardware Encryption Revenue and Growth Rate (2013-2018)
- 6.6 Italy Hardware Encryption Revenue and Growth Rate (2013-2018)



#### 7 ASIA-PACIFIC HARDWARE ENCRYPTION REVENUE BY COUNTRIES

- 7.1 Asia-Pacific Hardware Encryption Revenue by Countries (2013-2018)
- 7.2 China Hardware Encryption Revenue and Growth Rate (2013-2018)
- 7.3 Japan Hardware Encryption Revenue and Growth Rate (2013-2018)
- 7.4 Korea Hardware Encryption Revenue and Growth Rate (2013-2018)
- 7.5 India Hardware Encryption Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia Hardware Encryption Revenue and Growth Rate (2013-2018)

#### 8 SOUTH AMERICA HARDWARE ENCRYPTION REVENUE BY COUNTRIES

- 8.1 South America Hardware Encryption Revenue by Countries (2013-2018)
- 8.2 Brazil Hardware Encryption Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Hardware Encryption Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Hardware Encryption Revenue and Growth Rate (2013-2018)

# 9 MIDDLE EAST AND AFRICA REVENUE HARDWARE ENCRYPTION BY COUNTRIES

- 9.1 Middle East and Africa Hardware Encryption Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Hardware Encryption Revenue and Growth Rate (2013-2018)
- 9.3 UAE Hardware Encryption Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Hardware Encryption Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Hardware Encryption Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Hardware Encryption Revenue and Growth Rate (2013-2018)

#### 10 GLOBAL HARDWARE ENCRYPTION MARKET SEGMENT BY TYPE

- 10.1 Global Hardware Encryption Revenue and Market Share by Type (2013-2018)
- 10.2 Global Hardware Encryption Market Forecast by Type (2018-2023)
- 10.3 AES Revenue Growth Rate (2013-2023)
- 10.4 RSA Revenue Growth Rate (2013-2023)

#### 11 GLOBAL HARDWARE ENCRYPTION MARKET SEGMENT BY APPLICATION

- 11.1 Global Hardware Encryption Revenue Market Share by Application (2013-2018)
- 11.2 Hardware Encryption Market Forecast by Application (2018-2023)
- 11.3 Consumer Electronics Revenue Growth (2013-2018)
- 11.4 IT Revenue Growth (2013-2018)



- 11.5 Transport Revenue Growth (2013-2018)
- 11.6 Aerospace Revenue Growth (2013-2018)
- 11.7 Medical Revenue Growth (2013-2018)
- 11.8 Financial Services Revenue Growth (2013-2018)
- 11.9 Other Revenue Growth (2013-2018)

## 12 GLOBAL HARDWARE ENCRYPTION MARKET SIZE FORECAST (2018-2023)

- 12.1 Global Hardware Encryption Market Size Forecast (2018-2023)
- 12.2 Global Hardware Encryption Market Forecast by Regions (2018-2023)
- 12.3 North America Hardware Encryption Revenue Market Forecast (2018-2023)
- 12.4 Europe Hardware Encryption Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific Hardware Encryption Revenue Market Forecast (2018-2023)
- 12.6 South America Hardware Encryption Revenue Market Forecast (2018-2023)
- 12.7 Middle East and Africa Hardware Encryption Revenue Market Forecast (2018-2023)

#### 13 RESEARCH FINDINGS AND CONCLUSION

#### 14 APPENDIX

- 14.1 Methodology
- 14.2 Data Source



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Hardware Encryption Picture

Table Product Specifications of Hardware Encryption

Table Global Hardware Encryption and Revenue (Million USD) Market Split by Product Type

Figure Global Hardware Encryption Revenue Market Share by Types in 2017

Figure AES Picture

Figure RSA Picture

Table Global Hardware Encryption Revenue (Million USD) by Application (2013-2023)

Figure Hardware Encryption Revenue Market Share by Applications in 2017

Figure Consumer Electronics Picture

Figure IT Picture

Figure Transport Picture

Figure Aerospace Picture

Figure Medical Picture

Figure Financial Services Picture

Figure Other Picture

Table Global Market Hardware Encryption Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Hardware Encryption Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Hardware Encryption Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Hardware Encryption Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Hardware Encryption Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Hardware Encryption Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Hardware Encryption Revenue (Million USD) and Growth Rate (2013-2023)

Table Western Digital Basic Information, Manufacturing Base and Competitors

Table Western Digital Hardware Encryption Type and Applications

Table Western Digital Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Samsung Electronics Basic Information, Manufacturing Base and Competitors



Table Samsung Electronics Hardware Encryption Type and Applications

Table Samsung Electronics Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Seagate Technology Basic Information, Manufacturing Base and Competitors

Table Seagate Technology Hardware Encryption Type and Applications

Table Seagate Technology Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Micron Technology Basic Information, Manufacturing Base and Competitors

Table Micron Technology Hardware Encryption Type and Applications

Table Micron Technology Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Kingston Technology Basic Information, Manufacturing Base and Competitors

Table Kingston Technology Hardware Encryption Type and Applications

Table Kingston Technology Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Toshiba Basic Information, Manufacturing Base and Competitors

Table Toshiba Hardware Encryption Type and Applications

Table Toshiba Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Kanguru Solutions Basic Information, Manufacturing Base and Competitors

Table Kanguru Solutions Hardware Encryption Type and Applications

Table Kanguru Solutions Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Winmagic Basic Information, Manufacturing Base and Competitors

Table Winmagic Hardware Encryption Type and Applications

Table Winmagic Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Maxim Integrated Products Basic Information, Manufacturing Base and Competitors

Table Maxim Integrated Products Hardware Encryption Type and Applications
Table Maxim Integrated Products Hardware Encryption Revenue, Gross Margin and
Market Share (2016-2017)

Table Netapp Basic Information, Manufacturing Base and Competitors

Table Netapp Hardware Encryption Type and Applications

Table Netapp Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Gemalto Basic Information, Manufacturing Base and Competitors

Table Gemalto Hardware Encryption Type and Applications

Table Gemalto Hardware Encryption Revenue, Gross Margin and Market Share



(2016-2017)

Table Thales Basic Information, Manufacturing Base and Competitors

Table Thales Hardware Encryption Type and Applications

Table Thales Hardware Encryption Revenue, Gross Margin and Market Share (2016-2017)

Table Global Hardware Encryption Revenue (Million USD) by Players (2013-2018)

Table Global Hardware Encryption Revenue Share by Players (2013-2018)

Figure Global Hardware Encryption Revenue Share by Players in 2016

Figure Global Hardware Encryption Revenue Share by Players in 2017

Figure Global Top 5 Players Hardware Encryption Revenue Market Share in 2017

Figure Global Top 10 Players Hardware Encryption Revenue Market Share in 2017

Figure Global Hardware Encryption Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global Hardware Encryption Revenue (Million USD) by Regions (2013-2018)

Table Global Hardware Encryption Revenue Market Share by Regions (2013-2018)

Figure Global Hardware Encryption Revenue Market Share by Regions (2013-2018)

Figure Global Hardware Encryption Revenue Market Share by Regions in 2017

Figure North America Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Europe Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure South America Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Hardware Encryption Revenue and Growth Rate (2013-2018)

Table North America Hardware Encryption Revenue by Countries (2013-2018)

Table North America Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure North America Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure North America Hardware Encryption Revenue Market Share by Countries in 2017

Figure USA Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Canada Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Mexico Hardware Encryption Revenue and Growth Rate (2013-2018)

Table Europe Hardware Encryption Revenue (Million USD) by Countries (2013-2018)

Figure Europe Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure Europe Hardware Encryption Revenue Market Share by Countries in 2017

Figure Germany Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure UK Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure France Hardware Encryption Revenue and Growth Rate (2013-2018)



Figure Russia Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Italy Hardware Encryption Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Hardware Encryption Revenue (Million USD) by Countries (2013-2018)

Figure Asia-Pacific Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure Asia-Pacific Hardware Encryption Revenue Market Share by Countries in 2017

Figure China Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Japan Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Korea Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure India Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Southeast Asia Hardware Encryption Revenue and Growth Rate (2013-2018)

Table South America Hardware Encryption Revenue by Countries (2013-2018)

Table South America Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure South America Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure South America Hardware Encryption Revenue Market Share by Countries in 2017

Figure Brazil Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Argentina Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Colombia Hardware Encryption Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Hardware Encryption Revenue (Million USD) by Countries (2013-2018)

Table Middle East and Africa Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Hardware Encryption Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Hardware Encryption Revenue Market Share by Countries in 2017

Figure Saudi Arabia Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure UAE Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Egypt Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure Nigeria Hardware Encryption Revenue and Growth Rate (2013-2018)

Figure South Africa Hardware Encryption Revenue and Growth Rate (2013-2018)

Table Global Hardware Encryption Revenue (Million USD) by Type (2013-2018)

Table Global Hardware Encryption Revenue Share by Type (2013-2018)

Figure Global Hardware Encryption Revenue Share by Type (2013-2018)

Figure Global Hardware Encryption Revenue Share by Type in 2017



Table Global Hardware Encryption Revenue Forecast by Type (2018-2023)

Figure Global Hardware Encryption Market Share Forecast by Type (2018-2023)

Figure Global AES Revenue Growth Rate (2013-2018)

Figure Global RSA Revenue Growth Rate (2013-2018)

Table Global Hardware Encryption Revenue by Application (2013-2018)

Table Global Hardware Encryption Revenue Share by Application (2013-2018)

Figure Global Hardware Encryption Revenue Share by Application (2013-2018)

Figure Global Hardware Encryption Revenue Share by Application in 2017

Table Global Hardware Encryption Revenue Forecast by Application (2018-2023)

Figure Global Hardware Encryption Market Share Forecast by Application (2018-2023)

Figure Global Consumer Electronics Revenue Growth Rate (2013-2018)

Figure Global IT Revenue Growth Rate (2013-2018)

Figure Global Transport Revenue Growth Rate (2013-2018)

Figure Global Aerospace Revenue Growth Rate (2013-2018)

Figure Global Medical Revenue Growth Rate (2013-2018)

Figure Global Financial Services Revenue Growth Rate (2013-2018)

Figure Global Other Revenue Growth Rate (2013-2018)

Figure Global Hardware Encryption Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Hardware Encryption Revenue (Million USD) Forecast by Regions (2018-2023)

Figure Global Hardware Encryption Revenue Market Share Forecast by Regions (2018-2023)

Figure North America Hardware Encryption Revenue Market Forecast (2018-2023)

Figure Europe Hardware Encryption Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Hardware Encryption Revenue Market Forecast (2018-2023)

Figure South America Hardware Encryption Revenue Market Forecast (2018-2023)

Figure Middle East and Africa Hardware Encryption Revenue Market Forecast (2018-2023)



#### I would like to order

Product name: Global Hardware Encryption Market 2018 by Manufacturers, Countries, Type and

Application, Forecast to 2023

Product link: https://marketpublishers.com/r/G7D44A943F0EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G7D44A943F0EN.html">https://marketpublishers.com/r/G7D44A943F0EN.html</a>

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

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

