

Global Hardware Security Module Market Size study, by Type (LAN Based, PCIE Based, USB Based), by Application (Payment Processing, Code & document Signing, Secure Sockets layers and transport Layer Security, Authentication, Database Encryption, Credential Management, Application-Level Encryption), by End use(BFSI, Healthcare, Telecommunication & IT, Energy & Utilities, Transportation, Education, Entertainment & Media, Others)and Regional Forecasts 2021-2027

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Abstracts

Global Hardware Security Module Market is valued at approximately USD 1 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 11.6 % over the forecast period 2021-2027. Hardware protection module is a management system that protects private (digital) keys and certificates from emerging information threats. The system helps organizations achieve the required compliance with strict data privacy policies and protect against disclosure and misuse of sensitive corporate assets, personal information of customers, and electronic transactions. Increasing adaptation of IoT and cloud-based services is also expected to fuel the Hardware Security Module Market. Increasing usage of internet banking, digital payments, and the popularity of bitcoins, that raise demand of a security system, is propelling the market growth. For instance, the rise of 4G LTE technology in the Europe and current developments and smaller placements of 5G infrastructure are likely to drive the requirement for improved network security, leading to amplified demand for hardware security modules across the IT and telecommunications sector. Moreover several key players are taking strategic

initiatives to expand their presence in the market for instance,

- In February 2020, Thales partnered with Fujitsu (Japan) to practice Thales' Cloud Hardware Security Modules (HSM) and Data Protection on Demand to enable a highly secure and suitable end-to-end service for enterprise public key infrastructure (PKI). Further, Fujitsu combined Thales' Key Management platform with its new enterprise data encryption service to offer protected lifecycle management of cryptographic keys of customers. The partnership will safeguard greater security, compliance, and a cost-effective encryption solution to clients.
- In April 2020, Infineon Technologies acquired Cypress Semiconductor Corporation (US). The count of Cypress lets Infineon further boost its focus on structural growth drivers and on a wider range of applications. This will fast-track the company's path of profitable growth. Cypress adds a distinguished portfolio of connectivity components, microcontrollers, high-performance memory and software ecosystem.

The regional analysis of the global Hardware Security Module Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World (ROW). Latin America is the leading region across the world in terms of market share due to introduction of new regulatory compliance, requirements, and the implementation of modern technologies such as cloud and IoT. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to growing focus on payment digitization system.

Major market player included in this report are:

Gemalto NV

Thales E-Security Inc.

Utimaco GmbH

International Business Machines Corporation

Hewlett Packard Enterprise Company

ATOS SE,

Yubico

Ultra Electronics

Swift

Securosys SA

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also

caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

- LAN Based
- PCIE Based
- USB Based

By Application:

- Payment Processing
- Code & document Signing
- Secure Sockets layers, and transport Layer Security
- Authentication
- Database Encryption
- Credential Management
- Application-Level Encryption

By End use:

- BFSI
- Healthcare
- Telecommunication & IT
- Energy & Utilities
- Transportation
- Education
- Entertainment & Media
- Others

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
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018-19
Base year – 2019-2020
Forecast period – 2021 to 2027.

Target Audience of the Global Hardware Security Modules Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Hardware Security Modules Market, by Type, 2019-2027 (USD Billion)
 - 1.2.2. Hardware Security Modules Market, by Application, 2019-2027 (USD Billion)
 - 1.2.3. Hardware Security Modules Market, by End-Users, 2019-2027 (USD Billion)
 - 1.2.4. Hardware Security Modules Market, by Region, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL HARDWARE SECURITY MODULE MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL HARDWARE SECURITY MODULE MARKET DYNAMICS

- 3.1. Hardware Security Module Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Requirement for effective management of cryptographic keys
 - 3.1.1.2. Increasing adaptation of IoT and cloud-based services
 - 3.1.2. Market Restraint
 - 3.1.2.1. High cost of hardware security modules
 - 3.1.2.2. Lack of standardization
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rise in technological advancements

CHAPTER 4. GLOBAL HARDWARE SECURITY MODULE 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 (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL HARDWARE SECURITY MODULE MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Hardware Security Module Market by Type, Performance - Potential Analysis
- 5.3. Global Hardware Security Module Market Estimates & Forecasts by Type 2018-2027 (USD Billion)
- 5.4. Hardware Security Module Market, Sub Segment Analysis
 - 5.4.1. LAN Based/ Network Attached
 - 5.4.2. PCI-Based/Embedded Pluggins
 - 5.4.3. USB Based/Portable
 - 5.4.4. Smart Cards

CHAPTER 6. GLOBAL HARDWARE SECURITY MODULE MARKET FABRICS MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Hardware Security Module Market by Application, Performance - Potential Analysis
- 6.3. Global Hardware Security Module Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 6.4. Hardware Security Module Market Fabrics Market, Sub Segment Analysis
 - 6.4.1. Payment processing
 - 6.4.2. Code and Document Signing

- 6.4.3. Authentication
- 6.4.4. Database Encryption
- 6.4.5. PKI and Credential Management
- 6.4.6. Security Sockets Layer (SSL) and Transport Security Layer (TSL)

CHAPTER 7. GLOBAL HARDWARE SECURITY MODULE MARKET FABRICS MARKET, BY END USE

- 7.1. Market Snapshot
- 7.2. Global Hardware Security Module Market by End use, Performance - Potential Analysis
- 7.3. Global Hardware Security Module Market Estimates & Forecasts by End use 2018-2027 (USD Billion)
- 7.4. Hardware Security Module Market by, Sub Segment Analysis
 - 7.4.1. Consumer Goods and Retail
 - 7.4.2. Banking, Financial Services and Insurance
 - 7.4.3. Aerospace and defence
 - 7.4.4. Public Sector/ Government
 - 7.4.5. Energy and power
 - 7.4.6. Industrial Manufacturing
 - 7.4.7. Others

CHAPTER 8. GLOBAL HARDWARE SECURITY MODULE MARKET, REGIONAL ANALYSIS

- 8.1. Hardware Security Module Market, Regional Market Snapshot
- 8.2. North America Hardware Security Module Market
 - 8.2.1. U.S. Hardware Security Module Market
 - 8.2.1.1. Type breakdown estimates & forecasts, 2018-2027
 - 8.2.1.2. Application breakdown estimates & forecasts, 2018-2027
 - 8.2.1.3. End use breakdown estimates & forecasts, 2018-2027
 - 8.2.2. Canada Hardware Security Module Market
- 8.3. Europe Hardware Security Module Market Snapshot
 - 8.3.1. U.K. Hardware Security Module Market
 - 8.3.2. Germany Hardware Security Module Market
 - 8.3.3. France Hardware Security Module Market
 - 8.3.4. Spain Hardware Security Module Market
 - 8.3.5. Italy Hardware Security Module Market
 - 8.3.6. Rest of Europe Hardware Security Module Market

- 8.4. Asia-Pacific Hardware Security Module Market Snapshot
 - 8.4.1. China Hardware Security Module Market
 - 8.4.2. India Hardware Security Module Market
 - 8.4.3. Japan Hardware Security Module Market
 - 8.4.4. Australia Hardware Security Module Market
 - 8.4.5. South Korea Hardware Security Module Market
 - 8.4.6. Rest of Asia Pacific Hardware Security Module Market
- 8.5. Latin America Hardware Security Module Market Snapshot
 - 8.5.1. Brazil Hardware Security Module Market
 - 8.5.2. Mexico Hardware Security Module Market
- 8.6. Rest of The World Hardware Security Module Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Gemalto NV
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. Thales E-Security Inc.
 - 9.2.3. Utimaco GmbH
 - 9.2.4. International Business Machines Corporation
 - 9.2.5. Hewlett Packard Enterprise Company
 - 9.2.6. ATOS SE,
 - 9.2.7. Yubico
 - 9.2.8. Ultra Electronics
 - 9.2.9. Swift
 - 9.2.10. Securosys SA

CHAPTER 10. RESEARCH APPLICATION

- 10.1. Research Application
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation

- 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Hardware Security Module Market, report scope

TABLE 2. Global Hardware Security Module Market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Hardware Security Module Market estimates & forecasts by Type 2018-2027 (USD Billion)

TABLE 4. Global Hardware Security Module Market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 5. Global Hardware Security Module Market estimates & forecasts by End use 2018-2027 (USD Billion)

TABLE 6. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Global Hardware Security Module Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global Hardware Security Module Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. U.S. Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. U.S. Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Canada Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Canada Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. UK Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. UK Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. Germany Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. Germany Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. France Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. France Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. France Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Spain Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Spain Hardware Security Module Market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 39. Spain Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 40. Italy Hardware Security Module Marketestimates & forecasts, 2018-2027
(USD Billion)

TABLE 41. Italy Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 42. Italy Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 43. ROE Hardware Security Module Marketestimates & forecasts, 2018-2027
(USD Billion)

TABLE 44. ROE Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 45. ROE Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 46. China Hardware Security Module Marketestimates & forecasts, 2018-2027
(USD Billion)

TABLE 47. China Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 48. China Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 49. India Hardware Security Module Marketestimates & forecasts, 2018-2027
(USD Billion)

TABLE 50. India Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 51. India Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 52. Japan Hardware Security Module Marketestimates & forecasts, 2018-2027
(USD Billion)

TABLE 53. Japan Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 54. Japan Hardware Security Module Marketestimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 55. Australia Hardware Security Module Marketestimates & forecasts,
2018-2027 (USD Billion)

TABLE 56. Australia Hardware Security Module Marketestimates & forecasts by
segment 2018-2027 (USD Billion)

TABLE 57. Australia Hardware Security Module Marketestimates & forecasts by
segment 2018-2027 (USD Billion)

TABLE 58. South Korea Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. South Korea Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. South Korea Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 61. ROPAC Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. ROPAC Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 64. Brazil Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. Brazil Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Mexico Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Mexico Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. ROLA Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. ROLA Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROW Hardware Security Module Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROW Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW Hardware Security Module Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. List of secondary sources used in the study of global Hardware Security Module Market/Fabrics Market.

TABLE 77. List of primary sources used in the study of global Hardware Security

Module MarketFabrics Market.

TABLE 78. Years considered for the study.

TABLE 79. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Hardware Security Module MarketFabrics Market, research methodology
- FIG 2. Global Hardware Security Module MarketFabrics Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Hardware Security Module MarketFabrics Market, key trends 2019
- FIG 5. Global Hardware Security Module MarketFabrics Market, growth prospects 2020-2027
- FIG 6. Global Hardware Security Module MarketFabrics Market, porters 5 force model
- FIG 7. Global Hardware Security Module MarketFabrics Market, pest analysis
- FIG 8. Global Hardware Security Module MarketFabrics Market, value chain analysis
- FIG 9. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Hardware Security Module Marketby segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Hardware Security Module MarketFabrics Market, regional snapshot 2018 & 2027
- FIG 18. North America Hardware Security Module Market2018 & 2027 (USD Billion)
- FIG 19. Europe Hardware Security Module Market2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Hardware Security Module Market2018 & 2027 (USD Billion)
- FIG 21. Latin America Hardware Security Module Market2018 & 2027 (USD Billion)
- FIG 22. Global Hardware Security Module MarketFabrics Market, company market share analysis (2019)

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