

Homomorphic Encryption Market - Global Outlook and Forecast 2021-2027

https://marketpublishers.com/r/H90B554E6C54EN.html

Date: March 2021 Pages: 91 Price: US\$ 3,250.00 (Single User License) ID: H90B554E6C54EN

Abstracts

This report contains market size and forecasts of Homomorphic Encryption in Global, including the following market information:

Global Homomorphic Encryption Market Revenue, 2016-2021, 2022-2027, (\$ millions)

Global top five companies in 2020 (%)

The global Homomorphic Encryption market was valued at 129.5 million in 2020 and is projected to reach US\$ 256.8 million by 2027, at a CAGR of 18.7% during the forecast period.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Homomorphic Encryption companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Homomorphic Encryption Market, By Type, 2016-2021, 2022-2027 (\$ millions)

Global Homomorphic Encryption Market Segment Percentages, By Type, 2020 (%)

Partially Homomorphism

Fully Homomorphism



China Homomorphic Encryption Market, By Application, 2016-2021, 2022-2027 (\$ millions)

China Homomorphic Encryption Market Segment Percentages, By Application, 2020 (%)

Government

Finance and Insurance

Health Care

Industry

Others

Global Homomorphic Encryption Market, By Region and Country, 2016-2021, 2022-2027 (\$ Millions)

Global Homomorphic Encryption Market Segment Percentages, By Region and Country, 2020 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.



Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia



UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Homomorphic Encryption Market Competitors Revenues in Global, by Players 2016-2021 (Estimated), (\$ millions)

Total Homomorphic Encryption Market Competitors Revenues Share in Global, by Players 2020 (%)

Further, the report presents profiles of competitors in the market, including the following:

Microsoft

IBM Corporation

Galois

CryptoExperts

Enveil

Duality Technologies

ShieldIO

Huawei



Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Homomorphic Encryption Market Definition
- 1.2 Market Segments
- 1.2.1 Market by Type
- 1.2.2 Market by Application
- 1.3 Global Homomorphic Encryption Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
- 1.5.1 Research Methodology
- 1.5.2 Research Process
- 1.5.3 Base Year
- 1.5.4 Report Assumptions & Caveats

2 GLOBAL HOMOMORPHIC ENCRYPTION OVERALL MARKET SIZE

- 2.1 Global Homomorphic Encryption Market Size: 2021 VS 2027
- 2.2 Global Homomorphic Encryption Market Size, Prospects & Forecasts: 2016-2027
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
 - 2.3.1 Market Opportunities & Trends
 - 2.3.2 Market Drivers
 - 2.3.3 Market Restraints

3 COMPANY LANDSCAPE

- 3.1 Top Homomorphic Encryption Players in Global Market
- 3.2 Top Global Homomorphic Encryption Companies Ranked by Revenue
- 3.3 Global Homomorphic Encryption Revenue by Companies

3.4 Top 3 and Top 5 Homomorphic Encryption Companies in Global Market, by Revenue in 2020

- 3.5 Global Companies Homomorphic Encryption Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Homomorphic Encryption Players in Global Market
- 3.6.1 List of Global Tier 1 Homomorphic Encryption Companies
- 3.6.2 List of Global Tier 2 and Tier 3 Homomorphic Encryption Companies

4 MARKET SIGHTS BY PRODUCT



4.1 Overview

- 4.1.1 By Type Global Homomorphic Encryption Market Size Markets, 2021 & 2027
- 4.1.2 Partially Homomorphism
- 4.1.3 Fully Homomorphism
- 4.2 By Type Global Homomorphic Encryption Revenue & Forecasts
- 4.2.1 By Type Global Homomorphic Encryption Revenue, 2016-2021
- 4.2.2 By Type Global Homomorphic Encryption Revenue, 2022-2027
- 4.2.3 By Type Global Homomorphic Encryption Revenue Market Share, 2016-2027

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application Global Homomorphic Encryption Market Size, 2021 & 2027
 - 5.1.2 Government
 - 5.1.3 Finance and Insurance
 - 5.1.4 Health Care
 - 5.1.5 Industry
 - 5.1.6 Others

5.2 By Application - Global Homomorphic Encryption Revenue & Forecasts

- 5.2.1 By Application Global Homomorphic Encryption Revenue, 2016-2021
- 5.2.2 By Application Global Homomorphic Encryption Revenue, 2022-2027

5.2.3 By Application - Global Homomorphic Encryption Revenue Market Share, 2016-2027

6 SIGHTS BY REGION

6.1 By Region - Global Homomorphic Encryption Market Size, 2021 & 2027

- 6.2 By Region Global Homomorphic Encryption Revenue & Forecasts
- 6.2.1 By Region Global Homomorphic Encryption Revenue, 2016-2021
- 6.2.2 By Region Global Homomorphic Encryption Revenue, 2022-2027
- 6.2.3 By Region Global Homomorphic Encryption Revenue Market Share, 2016-2027 6.3 North America
- 6.3.1 By Country North America Homomorphic Encryption Revenue, 2016-2027
- 6.3.2 US Homomorphic Encryption Market Size, 2016-2027
- 6.3.3 Canada Homomorphic Encryption Market Size, 2016-2027
- 6.3.4 Mexico Homomorphic Encryption Market Size, 2016-2027

6.4 Europe

- 6.4.1 By Country Europe Homomorphic Encryption Revenue, 2016-2027
- 6.4.2 Germany Homomorphic Encryption Market Size, 2016-2027



- 6.4.3 France Homomorphic Encryption Market Size, 2016-2027
- 6.4.4 U.K. Homomorphic Encryption Market Size, 2016-2027
- 6.4.5 Italy Homomorphic Encryption Market Size, 2016-2027
- 6.4.6 Russia Homomorphic Encryption Market Size, 2016-2027
- 6.4.7 Nordic Countries Homomorphic Encryption Market Size, 2016-2027
- 6.4.8 Benelux Homomorphic Encryption Market Size, 2016-2027

6.5 Asia

- 6.5.1 By Region Asia Homomorphic Encryption Revenue, 2016-2027
- 6.5.2 China Homomorphic Encryption Market Size, 2016-2027
- 6.5.3 Japan Homomorphic Encryption Market Size, 2016-2027
- 6.5.4 South Korea Homomorphic Encryption Market Size, 2016-2027
- 6.5.5 Southeast Asia Homomorphic Encryption Market Size, 2016-2027
- 6.5.6 India Homomorphic Encryption Market Size, 2016-2027

6.6 South America

- 6.6.1 By Country South America Homomorphic Encryption Revenue, 2016-2027
- 6.6.2 Brazil Homomorphic Encryption Market Size, 2016-2027
- 6.6.3 Argentina Homomorphic Encryption Market Size, 2016-2027
- 6.7 Middle East & Africa
- 6.7.1 By Country Middle East & Africa Homomorphic Encryption Revenue, 2016-2027
- 6.7.2 Turkey Homomorphic Encryption Market Size, 2016-2027
- 6.7.3 Israel Homomorphic Encryption Market Size, 2016-2027
- 6.7.4 Saudi Arabia Homomorphic Encryption Market Size, 2016-2027
- 6.7.5 UAE Homomorphic Encryption Market Size, 2016-2027

7 PLAYERS PROFILES

7.1 Microsoft

- 7.1.1 Microsoft Corporate Summary
- 7.1.2 Microsoft Business Overview
- 7.1.3 Microsoft Homomorphic Encryption Major Product Offerings
- 7.1.4 Microsoft Homomorphic Encryption Revenue in Global (2016-2021)
- 7.1.5 Microsoft Key News

7.2 IBM Corporation

- 7.2.1 IBM Corporation Corporate Summary
- 7.2.2 IBM Corporation Business Overview
- 7.2.3 IBM Corporation Homomorphic Encryption Major Product Offerings
- 7.2.4 IBM Corporation Homomorphic Encryption Revenue in Global (2016-2021)
- 7.2.5 IBM Corporation Key News





7.3 Galois

- 7.3.1 Galois Corporate Summary
- 7.3.2 Galois Business Overview
- 7.3.3 Galois Homomorphic Encryption Major Product Offerings
- 7.3.4 Galois Homomorphic Encryption Revenue in Global (2016-2021)
- 7.3.5 Galois Key News
- 7.4 CryptoExperts
- 7.4.1 CryptoExperts Corporate Summary
- 7.4.2 CryptoExperts Business Overview
- 7.4.3 CryptoExperts Homomorphic Encryption Major Product Offerings
- 7.4.4 CryptoExperts Homomorphic Encryption Revenue in Global (2016-2021)
- 7.4.5 CryptoExperts Key News
- 7.5 Enveil
 - 7.5.1 Enveil Corporate Summary
 - 7.5.2 Enveil Business Overview
 - 7.5.3 Enveil Homomorphic Encryption Major Product Offerings
 - 7.5.4 Enveil Homomorphic Encryption Revenue in Global (2016-2021)
- 7.5.5 Enveil Key News
- 7.6 Duality Technologies
 - 7.6.1 Duality Technologies Corporate Summary
- 7.6.2 Duality Technologies Business Overview
- 7.6.3 Duality Technologies Homomorphic Encryption Major Product Offerings
- 7.6.4 Duality Technologies Homomorphic Encryption Revenue in Global (2016-2021)
- 7.6.5 Duality Technologies Key News
- 7.7 ShieldIO
 - 7.7.1 ShieldIO Corporate Summary
 - 7.7.2 ShieldIO Business Overview
 - 7.7.3 ShieldIO Homomorphic Encryption Major Product Offerings
 - 7.4.4 ShieldIO Homomorphic Encryption Revenue in Global (2016-2021)
- 7.7.5 ShieldIO Key News
- 7.8 Huawei
 - 7.8.1 Huawei Corporate Summary
 - 7.8.2 Huawei Business Overview
 - 7.8.3 Huawei Homomorphic Encryption Major Product Offerings
 - 7.8.4 Huawei Homomorphic Encryption Revenue in Global (2016-2021)
 - 7.8.5 Huawei Key News

8 CONCLUSION



9 APPENDIX

9.1 Note

- 9.2 Examples of Clients
- 9.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Homomorphic Encryption Market Opportunities & Trends in Global Market Table 2. Homomorphic Encryption Market Drivers in Global Market Table 3. Homomorphic Encryption Market Restraints in Global Market Table 4. Key Players of Homomorphic Encryption in Global Market Table 5. Top Homomorphic Encryption Players in Global Market, Ranking by Revenue (2019)Table 6. Global Homomorphic Encryption Revenue by Companies, (US\$, Mn), 2016-2021 Table 7. Global Homomorphic Encryption Revenue Share by Companies, 2016-2021 Table 8. Global Companies Homomorphic Encryption Product Type Table 9. List of Global Tier 1 Homomorphic Encryption Companies, Revenue (US\$, Mn) in 2020 and Market Share Table 10. List of Global Tier 2 and Tier 3 Homomorphic Encryption Companies, Revenue (US\$, Mn) in 2020 and Market Share Table 11. By Type – Global Homomorphic Encryption Revenue, (US\$, Mn), 2021 VS 2027 Table 12. By Type - Homomorphic Encryption Revenue in Global (US\$, Mn), 2016-2021 Table 13. By Type - Homomorphic Encryption Revenue in Global (US\$, Mn), 2022-2027 Table 14. By Application – Global Homomorphic Encryption Revenue, (US\$, Mn), 2021 VS 2027 Table 15. By Application - Homomorphic Encryption Revenue in Global (US\$, Mn), 2016-2021 Table 16. By Application - Homomorphic Encryption Revenue in Global (US\$, Mn), 2022-2027 Table 17. By Region – Global Homomorphic Encryption Revenue, (US\$, Mn), 2021 VS 2027 Table 18. By Region - Global Homomorphic Encryption Revenue (US\$, Mn), 2016-2021 Table 19. By Region - Global Homomorphic Encryption Revenue (US\$, Mn), 2022-2027 Table 20. By Country - North America Homomorphic Encryption Revenue, (US\$, Mn), 2016-2021 Table 21. By Country - North America Homomorphic Encryption Revenue, (US\$, Mn), 2022-2027 Table 22. By Country - Europe Homomorphic Encryption Revenue, (US\$, Mn), 2016-2021 Table 23. By Country - Europe Homomorphic Encryption Revenue, (US\$, Mn),



2022-2027

Table 24. By Region - Asia Homomorphic Encryption Revenue, (US\$, Mn), 2016-2021

Table 25. By Region - Asia Homomorphic Encryption Revenue, (US\$, Mn), 2022-2027 Table 26. By Country - South America Homomorphic Encryption Revenue, (US\$, Mn), 2016-2021

Table 27. By Country - South America Homomorphic Encryption Revenue, (US\$, Mn), 2022-2027

Table 28. By Country - Middle East & Africa Homomorphic Encryption Revenue, (US\$, Mn), 2016-2021

Table 29. By Country - Middle East & Africa Homomorphic Encryption Revenue, (US\$, Mn), 2022-2027

Table 30. Microsoft Corporate Summary

Table 31. Microsoft Homomorphic Encryption Product Offerings

Table 32. Microsoft Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)

- Table 33. IBM Corporation Corporate Summary
- Table 34. IBM Corporation Homomorphic Encryption Product Offerings

Table 35. IBM Corporation Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)

- Table 36. Galois Corporate Summary
- Table 37. Galois Homomorphic Encryption Product Offerings
- Table 38. Galois Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)
- Table 39. CryptoExperts Corporate Summary
- Table 40. CryptoExperts Homomorphic Encryption Product Offerings
- Table 41. CryptoExperts Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)
- Table 42. Enveil Corporate Summary
- Table 43. Enveil Homomorphic Encryption Product Offerings
- Table 44. Enveil Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)
- Table 45. Duality Technologies Corporate Summary
- Table 46. Duality Technologies Homomorphic Encryption Product Offerings
- Table 47. Duality Technologies Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)
- Table 48. ShieldIO Corporate Summary
- Table 49. ShieldIO Homomorphic Encryption Product Offerings
- Table 50. ShieldIO Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)
- Table 51. Huawei Corporate Summary
- Table 52. Huawei Homomorphic Encryption Product Offerings
- Table 53. Huawei Homomorphic Encryption Revenue (US\$, Mn), (2016-2021)



List Of Figures

LIST OF FIGURES

Figure 1. Homomorphic Encryption Segment by Type Figure 2. Homomorphic Encryption Segment by Application Figure 3. Global Homomorphic Encryption Market Overview: 2020 Figure 4. Key Caveats Figure 5. Global Homomorphic Encryption Market Size: 2021 VS 2027 (US\$, Mn) Figure 6. Global Homomorphic Encryption Revenue, 2016-2027 (US\$, Mn) Figure 7. The Top 3 and 5 Players Market Share by Homomorphic Encryption Revenue in 2020 Figure 8. By Type - Global Homomorphic Encryption Revenue Market Share, 2016-2027 Figure 9. By Application - Global Homomorphic Encryption Revenue Market Share, 2016-2027 Figure 10. By Region - Global Homomorphic Encryption Revenue Market Share, 2016-2027 Figure 11. By Country - North America Homomorphic Encryption Revenue Market Share, 2016-2027 Figure 12. US Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 13. Canada Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 14. Mexico Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 15. By Country - Europe Homomorphic Encryption Revenue Market Share, 2016-2027 Figure 16. Germany Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 17. France Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 18. U.K. Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 19. Italy Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 20. Russia Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 21. Nordic Countries Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 22. Benelux Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 23. By Region - Asia Homomorphic Encryption Revenue Market Share, 2016-2027 Figure 24. China Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 25. Japan Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 26. South Korea Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 27. Southeast Asia Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027 Figure 28. India Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027



Figure 29. By Country - South America Homomorphic Encryption Revenue Market Share, 2016-2027

Figure 30. Brazil Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027

Figure 31. Argentina Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027

Figure 32. By Country - Middle East & Africa Homomorphic Encryption Revenue Market Share, 2016-2027

Figure 33. Turkey Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027

Figure 34. Israel Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027

Figure 35. Saudi Arabia Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027

Figure 36. UAE Homomorphic Encryption Revenue, (US\$, Mn), 2016-2027

Figure 37. Microsoft Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)

Figure 38. IBM Corporation Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)

Figure 39. Galois Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)

Figure 40. CryptoExperts Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)

Figure 41. Enveil Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)

Figure 42. Duality Technologies Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)

Figure 43. ShieldIO Homomorphic Encryption Revenue Year Over Year Growth (US\$, Mn) & (2016-2021)



I would like to order

Product name: Homomorphic Encryption Market - Global Outlook and Forecast 2021-2027 Product link: <u>https://marketpublishers.com/r/H90B554E6C54EN.html</u>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/H90B554E6C54EN.html</u>

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

Custumer signature _____

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

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