

# Quantum Communication Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/QB5FF19A93CBEN.html>

Date: January 2022

Pages: 69

Price: US\$ 3,250.00 (Single User License)

ID: QB5FF19A93CBEN

## Abstracts

Quantum communication takes advantage of the laws of quantum physics to protect data. These laws allow particles—typically photons of light for transmitting data along optical cables—to take on a state of superposition, which means they can represent multiple combinations of 1 and 0 simultaneously.

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

Global Quantum Communication Market Size 2023-2028, (\$ millions)

The global Quantum Communication market is projected to reach US\$ million by 2028.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Quantum Communication 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 Quantum Communication Market, by Type, 2023-2028 (\$ millions)

Global Quantum Communication Market Segment Percentages, by Type

Hardware

Service

Global Quantum Communication Market, by Application, 2023-2028 (\$ millions)

Global Quantum Communication Market Segment Percentages, by Application

National Defense

Aerospace

Finance

Other

Global Quantum Communication Market, By Region and Country, 2023-2028 (\$ Millions)

Global Quantum Communication Market Segment Percentages, By Region and Country

United States

Europe

Asia

China

Rest of World

Competitor Analysis

The report also provides analysis of leading market participants including:

Further, the report presents profiles of competitors in the market, key players include:

AmberFlux

AT&T

Aliyun (Alibaba Cloud)

Atos

Fujitsu

Huawei Noah's Ark Lab

ID Quantique

MagiQ

Mitsubishi

NEC Corporation

NTT Laboratories

Raytheon/BBN

Toshiba

Quantumctek Co, Ltd

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Quantum Communication Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Quantum Communication 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 QUANTUM COMMUNICATION OVERALL MARKET SIZE**

- 2.1 Global Quantum Communication Market Size: 2022 VS 2028
- 2.2 Global Quantum Communication Market Size, Prospects & Forecasts: 2022-2028
- 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 Key Quantum Communication Players in Global Market
- 3.2 Global Companies Quantum Communication Product & Technology

### **4 PLAYERS PROFILES**

- 4.1 AmberFlux
  - 4.1.1 AmberFlux Corporate Summary
  - 4.1.2 AmberFlux Business Overview
  - 4.1.3 AmberFlux Quantum Communication Product Offerings & Technology
  - 4.1.4 AmberFlux Quantum Communication R&D, and Plans
- 4.2 AT&T
  - 4.2.1 AT&T Corporate Summary

- 4.2.2 AT&T Business Overview
- 4.2.3 AT&T Quantum Communication Product Offerings & Technology
- 4.2.4 AT&T Quantum Communication R&D, and Plans
- 4.3 Aliyun (Alibaba Cloud)
  - 4.3.1 Aliyun (Alibaba Cloud) Corporate Summary
  - 4.3.2 Aliyun (Alibaba Cloud) Business Overview
  - 4.3.3 Aliyun (Alibaba Cloud) Quantum Communication Product Offerings & Technology
  - 4.3.4 Aliyun (Alibaba Cloud) Quantum Communication R&D, and Plans
- 4.4 Atos
  - 4.4.1 Atos Corporate Summary
  - 4.4.2 Atos Business Overview
  - 4.4.3 Atos Quantum Communication Product Offerings & Technology
  - 4.4.4 Atos Quantum Communication R&D, and Plans
- 4.5 Fujitsu
  - 4.5.1 Fujitsu Corporate Summary
  - 4.5.2 Fujitsu Business Overview
  - 4.5.3 Fujitsu Quantum Communication Product Offerings & Technology
  - 4.5.4 Fujitsu Quantum Communication R&D, and Plans
- 4.6 Huawei Noah's Ark Lab
  - 4.6.1 Huawei Noah's Ark Lab Corporate Summary
  - 4.6.2 Huawei Noah's Ark Lab Business Overview
  - 4.6.3 Huawei Noah's Ark Lab Quantum Communication Product Offerings & Technology
  - 4.6.4 Huawei Noah's Ark Lab Quantum Communication R&D, and Plans
- 4.7 ID Quantique
  - 4.7.1 ID Quantique Corporate Summary
  - 4.7.2 ID Quantique Business Overview
  - 4.7.3 ID Quantique Quantum Communication Product Offerings & Technology
  - 4.7.4 ID Quantique Quantum Communication R&D, and Plans
- 4.8 MagiQ
  - 4.8.1 MagiQ Corporate Summary
  - 4.8.2 MagiQ Business Overview
  - 4.8.3 MagiQ Quantum Communication Product Offerings & Technology
  - 4.8.4 MagiQ Quantum Communication R&D, and Plans
- 4.9 Mitsubishi
  - 4.9.1 Mitsubishi Corporate Summary
  - 4.9.2 Mitsubishi Business Overview
  - 4.9.3 Mitsubishi Quantum Communication Product Offerings & Technology

- 4.9.4 Mitsubishi Quantum Communication R&D, and Plans
- 4.10 NEC Corporation
  - 4.10.1 NEC Corporation Corporate Summary
  - 4.10.2 NEC Corporation Business Overview
  - 4.10.3 NEC Corporation Quantum Communication Product Offerings & Technology
  - 4.10.4 NEC Corporation Quantum Communication R&D, and Plans
- 4.11 NTT Laboratories
  - 4.11.1 NTT Laboratories Corporate Summary
  - 4.11.2 NTT Laboratories Business Overview
  - 4.11.3 NTT Laboratories Quantum Communication Product Offerings & Technology
  - 4.11.4 NTT Laboratories Quantum Communication R&D, and Plans
- 4.12 Raytheon/BBN
  - 4.12.1 Raytheon/BBN Corporate Summary
  - 4.12.2 Raytheon/BBN Business Overview
  - 4.12.3 Raytheon/BBN Quantum Communication Product Offerings & Technology
  - 4.12.4 Raytheon/BBN Quantum Communication R&D, and Plans
- 4.13 Toshiba
  - 4.13.1 Toshiba Corporate Summary
  - 4.13.2 Toshiba Business Overview
  - 4.13.3 Toshiba Quantum Communication Product Offerings & Technology
  - 4.13.4 Toshiba Quantum Communication R&D, and Plans
- 4.14 Quantumctek Co, Ltd
  - 4.14.1 Quantumctek Co, Ltd Corporate Summary
  - 4.14.2 Quantumctek Co, Ltd Business Overview
  - 4.14.3 Quantumctek Co, Ltd Quantum Communication Product Offerings & Technology
  - 4.14.4 Quantumctek Co, Ltd Quantum Communication R&D, and Plans

## **5 SIGHTS BY REGION**

- 5.1 By Region - Global Quantum Communication Market Size, 2023 & 2028
- 5.2 By Region - Global Quantum Communication Revenue, (2023-2028)
- 5.3 United States
  - 5.3.1 Key Players of Quantum Communication in United States
  - 5.3.2 United States Quantum Communication Development Current Situation and Forecast
- 5.4 Europe
  - 5.4.1 Key Players of Quantum Communication in Europe
  - 5.4.2 Europe Quantum Communication Development Current Situation and Forecast

## 5.5 China

### 5.5.1 Key Players of Quantum Communication in China

### 5.5.2 China Quantum Communication Development Current Situation and Forecast

## 5.6 Rest of World

## 6 SIGHTS BY PRODUCT

### 6.1 by Type - Global Quantum Communication Market Size Markets, 2023 & 2028

### 6.2 Hardware

### 6.3 Service

## 7 SIGHTS BY APPLICATION

### 7.1 By Application - Global Quantum Communication Market Size, 2023 & 2028

### 7.2 National Defense

### 7.3 Aerospace

### 7.4 Finance

### 7.5 Other

## 8 CONCLUSION

## 9 APPENDIX

### 9.1 Note

### 9.2 Examples of Clients

### 9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Quantum Communication Market Opportunities & Trends in Global Market
Table 2. Quantum Communication Market Drivers in Global Market
Table 3. Quantum Communication Market Restraints in Global Market
Table 4. Key Players of Quantum Communication in Global Market
Table 5. Global Companies Quantum Communication Product & Technology
Table 6. AmberFlux Corporate Summary
Table 7. AmberFlux Quantum Communication Product Offerings
Table 8. AT&T Corporate Summary
Table 9. AT&T Quantum Communication Product Offerings
Table 10. Aliyun (Alibaba Cloud) Corporate Summary
Table 11. Aliyun (Alibaba Cloud) Quantum Communication Product Offerings
Table 12. Atos Corporate Summary
Table 13. Atos Quantum Communication Product Offerings
Table 14. Fujitsu Corporate Summary
Table 15. Fujitsu Quantum Communication Product Offerings
Table 16. Huawei Noah's Ark Lab Corporate Summary
Table 17. Huawei Noah's Ark Lab Quantum Communication Product Offerings
Table 18. ID Quantique Corporate Summary
Table 19. ID Quantique Quantum Communication Product Offerings
Table 20. MagiQ Corporate Summary
Table 21. MagiQ Quantum Communication Product Offerings
Table 22. Mitsubishi Corporate Summary
Table 23. Mitsubishi Quantum Communication Product Offerings
Table 24. NEC Corporation Corporate Summary
Table 25. NEC Corporation Quantum Communication Product Offerings
Table 26. NTT Laboratories Corporate Summary
Table 27. NTT Laboratories Quantum Communication Product Offerings
Table 28. Raytheon/BBN Corporate Summary
Table 29. Raytheon/BBN Quantum Communication Product Offerings
Table 30. Toshiba Corporate Summary
Table 31. Toshiba Quantum Communication Product Offerings
Table 32. Quantumctek Co, Ltd Corporate Summary
Table 33. Quantumctek Co, Ltd Quantum Communication Product Offerings
Table 34. By Region– Global Quantum Communication Revenue, (US\$, Mn), 2023 & 2028



Table 35. By Region - Global Quantum Communication Revenue, (US\$, Mn),  
2023-2028

Table 36. By Type – Global Quantum Communication Market Size, (US\$, Mn), 2023 &  
2028

Table 37. By Application– Global Quantum Communication Market Size, (US\$, Mn),  
2023 & 2028

## List Of Figures

### LIST OF FIGURES

Figure 1. Quantum Communication Segment by Type in 2021

Figure 2. Quantum Communication Segment by Application in 2021

Figure 3. Global Quantum Communication Market Overview: 2022

Figure 4. Key Caveats

Figure 5. Global Quantum Communication Market Size: 2022 VS 2028 (US\$, Mn)

Figure 6. Global Quantum Communication Revenue, 2017-2028 (US\$, Mn)

Figure 7. By Region - Global Quantum Communication Revenue Market Share, 2023-2028

Figure 8. By Type - Global Quantum Communication Revenue Market Share, 2023-2028

Figure 9. By Application - Global Quantum Communication Revenue Market Share, 2023-2028

## I would like to order

Product name: Quantum Communication Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/QB5FF19A93CBEN.html>

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:

[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/QB5FF19A93CBEN.html>