

# Global Quantum Communication Technology Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Quantum Communication Technology market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Quantum communication is a new type of communication method that uses quantum superposition and entanglement effects to transmit information. Based on the three principles of uncertainty, measurement collapse and non-cloning in quantum mechanics, it provides an absolute security guarantee that cannot be eavesdropped and calculated. The main division is quantum key distribution and quantum teleportation.

This report is a detailed and comprehensive analysis for global Quantum Communication Technology market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Quantum Communication Technology market size and forecasts, in consumption value (\$ Million), 2018-2029

Global Quantum Communication Technology market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global Quantum Communication Technology market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global Quantum Communication Technology market shares of main players, in revenue (\$ Million), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Quantum Communication Technology

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Quantum Communication Technology market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MagiQ Technologies, ID Quantique, QuantumCTek, Toshiba and CAS Quantum Network, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market segmentation

Quantum Communication Technology market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hardware

Software

Service

### Market segment by Application

Government

Military and Defense

Telecommunication

BFSI

Enterprise

Industrial

Others

### Market segment by players, this report covers

MagiQ Technologies

ID Quantique

QuantumCTek

Toshiba

CAS Quantum Network

Crypta Labs

NEC

Qubitekk

QuintessenceLabs

Arqit

Beijing ZhongChuangWei

KETS Quantum

SpeQtral

Crypto Quantique

Ki3 Photonics

Anhui Qasky Quantum Technology

QEYnet

QuantLR

Qunnect

GoQuantum

Nu Quantum

Quantum Xchange

Qulabs

Quantropi

Aliro Quantum

Aegiq

Qudoor

Quantum Telecommunications Italy (QTI)

nodeQ

ThinkQuantum

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Quantum Communication Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Quantum Communication Technology, with revenue, gross margin and global market share of Quantum Communication Technology from 2018 to 2023.

Chapter 3, the Quantum Communication Technology competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023.and

Quantum Communication Technology market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Quantum Communication Technology.

Chapter 13, to describe Quantum Communication Technology research findings and conclusion.

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