

# **5G Security Market: Segmented by Size (large enterprises, SMBs); by End user (Manufacturing, Healthcare, Energy and Utilities, IT & Telecom, Automotive and Transportation, Supply Chain and Logistics, Government and Public Safety, Agriculture and Others) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030**

<https://marketpublishers.com/r/5C6DB34547BBEN.html>

Date: May 2024

Pages: 161

Price: US\$ 5,000.00 (Single User License)

ID: 5C6DB34547BBEN

## **Abstracts**

179+ Pages Research Report Global 5g security market to surpass USD 5.45 billion by 2030 from USD 573.23 million in 2020 at a CAGR of 46.5 % in the coming years, i.e., 2021-30.

### **Product Overview**

Data breaches and cyber-attacks are reduced by the usage of 5G security architecture. This assault can be caused by malevolent networks connected to networks through unidentified network devices, or by sensitive data being exposed due to insufficient data encryption. As the number of people who use the internet grows, so does the risk of cyber-attacks. Cyber-attacks can be reduced by adopting a 5G network infrastructure. User authentication, better user privacy, and strong network authorization are all elements of 5G technology, which increases security. We can encrypt data, secure its integrity, and authenticate during the data transfer process with the help of 5G security. Many businesses are concerned about the security of their IoT devices, which contain personal information, sensitive corporate information, and vital infrastructure. As a result, we can protect and secure crucial data and devices using 5G technology characteristics.

## Market Highlights

Global 5g security market is expected to project a notable CAGR of 46.5 % in 2030. The market for 5g security is growing due to increased demand for high-speed data access for Internet of Things (IoT) applications. The growth of the 5g security industry is influenced by an increase in demand for stable and ultra-low latency networking services. Rising infrastructure creation, such as smart cities, and the increasing use of connected devices are driving demand for high-speed connectivity, which will drive the 5g security market forward.

## Global 5g security market: Segments

IT & Telecom segment to grow with the highest CAGR during 2020-30

Global 5g security market is segmented by End-user into Manufacturing, Healthcare, Energy and Utilities, IT & Telecom, Automotive and Transportation, Supply Chain and Logistics, Government and Public Safety, Agriculture and Others. The IT & Telecom segment of the 5g security market is expected to have a larger market size during the forecast period, based on the end-user. Due to major investments by key players in the latest communication technologies, the segment is expected to maintain its dominance over the forecast period. Over the forecast period, the IT & telecom segment is expected to rise due to rising demand for higher data speeds security for residential and commercial applications. 5G networks are supposed to provide ubiquitous internet connections between homes and workplaces, allowing for online consultations with experts and reducing business travel. During the forecast era, the increasing demand for increased broadband capacity for virtual business meetings is expected to propel the segment forward.

Large enterprises are anticipated to grow at a CAGR of over XX% from 2020 to 2030

The global 5g Security Market is segmented by size into large enterprises, SMBs

Due to growing usage of the safety solutions to prevent critical information, SMBs are also anticipated to experience significant growth over the forecast period. Organizations of all sizes are moving to cloud computing to reduce the burden on their IT support workers, lower costs and provide advanced service. Cloud technology has been rapidly embraced and security companies have developed comprehensive cloud-based security solutions.

## Market Dynamics

### Drivers

Demand for high-speed networking and machine to machine connectivity

The demand for high-speed networking is growing in tandem with the amount of data traffic, propelling the 5g security industry forward. The rapid production of linked IoT devices is accelerating the demand for 5g security. Furthermore, the market for 5g security is expected to expand as machine-to-machine connectivity becomes more important and demand for broadband services continues to rise.

#### Concerns related to security in 5g network

CIOs are primarily concerned about a network that could result in significant losses for both corporations and service providers. SDN, NFV, and cloud-native architecture were used to construct the new network infrastructure. Network functions are separated from the underpinning infrastructure and distributed among local, regional, and central data centers. The majority of network services in a cloud-based 5G network are implemented over public and private cloud infrastructure. The 5G network connects vertical industrial networks including autos, medicine, factories, and IoT devices, as well as legacy networks (2G, 3G, and 4G) and internet service networks. It will build a network connection structure based on complex heterogeneous networks, with a focus on 5G networks. Because of the complexity of these networks, weak links might arise as a result of networks and devices with varying security requirements and levels of security technology.

#### Restraint

High investment costs as well as government regulations

The significant investment needed to develop a stable 5G network infrastructure could stymie the market. Furthermore, government regulations and other network connectivity-related issues could pose significant challenges to the market in the coming years.

#### Global 5g security market: Key Players

F5 Networks (US)

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

A10 Networks (US)

Akamai (US)

Allot (Israel)

AT&T (US)

Avast (Czech Republic)

Check Point (US)

Cisco (US)  
Clavister (Sweden)  
Colt Technology (UK)  
Ericsson (Sweden)  
Other Prominent Players

#### Global 5g security market: Regions

Global 5g security market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Global 5g security North America held the largest market share in the year 2020. The country has been an early adopter of the 5G service network, with many telecom firms in the region announcing plans to carry out 5G services well ahead of other regions' operators. Furthermore, the area is fast to adopt new technologies such as the Internet of Things (IoT) and smart cities, both of which necessitate high-speed network performance. Europe is expected to remain a significant market for 5g security, and its expansion can be attributed to the region's rigorous R&D efforts. A large number of ongoing consumer trials in countries like the United Kingdom, Germany, and France are also expected to boost business growth.

Global 5g security market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global 5g security market report also contains analysis on:

5g security market Segments:

By Size Into:

large enterprises

SMBs

By End-user:

Manufacturing  
Healthcare  
Energy and Utilities  
IT & Telecom  
Automotive and Transportation  
Supply Chain and Logistics  
Government and Public Safety  
Agriculture  
Others  
5g security Dynamics  
5g security Size  
Supply & Demand  
Current Trends/Issues/Challenges  
Competition & Companies Involved in the Market  
Value Chain of the Market  
Market Drivers and Restraints

## 5g security Market Report Scope and Segmentation

### Report Attribute Details

Market size value in 2021 USD 573.23 million

Revenue forecast in 2030 USD 5.45billion

Growth Rate CAGR of 46.5 % from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Network Type, End-User, and Region

Regional scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled A10 Networks (US), Akamai (US), Allot (Israel), AT&T (US), Avast (Czech Republic), Check Point (US), Cisco (US), Clavister (Sweden), Colt Technology (UK), Ericsson (Sweden), F5 Networks (US), ForgeRock (US), Fortinet (US), G+D Mobile Security (Germany), Huawei (China), Juniper Networks (US), Mobileum (US), Nokia (Finland) and other prominent players

### Frequently Asked Questions

How big is the 5g security market?

What is the 5g security market growth?

Which segment accounted for the largest 5g security market share?

Who are the key players in the 5g security market?

What are the factors driving the 5g security market?

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL 5G SECURITY MARKET**

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

### **3. RESEARCH METHODOLOGY**

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

### **4. AVERAGE PRICING ANALYSIS**

### **5. MACRO-ECONOMIC INDICATORS**

### **6. MARKET DYNAMICS**

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

### **7. CORRELATION & REGRESSION ANALYSIS**

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

### **8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE**

### **9. RISK ANALYSIS**

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

## **10. GLOBAL 5G SECURITY MARKET ANALYSIS**

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

## **11. GLOBAL 5G SECURITY MARKET**

11.1. Market Size & forecast, 2020A-2030F

11.1.1. By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

11.1.2. By Volume (Million Units) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

## **12. GLOBAL 5G SECURITY MARKET: MARKET SEGMENTATION**

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2. By size: Market Share (2020-2030F)



12.2.1. Large enterprises , By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.2. Small and medium enterprises, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3. By End-user: Market Share (2020-2030F)

12.3.1. Manufacturing, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.2. Healthcare, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.3. Energy and Utilities, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.4. IT & Telecom, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.5. Automotive and Transportation, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.6. Supply Chain and Logistics, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.7. Government and Public Safety, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.8. Agriculture, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.9. Others, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

## **13. COMPANY PROFILE**

13.1. F5 Networks (US)

13.1.1. Company Overview

13.1.2. Company Total Revenue (Financials)

13.1.3. Market Potential

13.1.4. Global Presence

13.1.5. Key Performance Indicators

13.1.6. SWOT Analysis

13.1.7. Product Launch

13.2. A10 Networks (US)

13.3. Akamai (US)

13.4. Allot (Israel)

13.5. AT&T (US)

13.6. Avast (Czech Republic)

13.7. Check Point (US)

13.8. Cisco (US)

13.9. Clavister (Sweden)

13.10. Colt Technology (UK)

13.11. Ericsson (Sweden)

13.12. Other Prominent Players

Consultant Recommendation

\*\*The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

## I would like to order

Product name: 5G Security Market: Segmented by Size (large enterprises, SMBs); by End user (Manufacturing, Healthcare, Energy and Utilities, IT & Telecom, Automotive and Transportation, Supply Chain and Logistics, Government and Public Safety, Agriculture and Others) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

Product link: <https://marketpublishers.com/r/5C6DB34547BBEN.html>

Price: US\$ 5,000.00 (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/5C6DB34547BBEN.html>

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**

Customer signature \_\_\_\_\_

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

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