

Wireless LAN Security Market by Security Type (WPA2/WPA (Wi-Fi Protected Access), WEP (Wired Equivalent Privacy), No-Encryption), Technology (Dedicated Security Appliances, Mobile VPNs, Stand-Alone WLAN Security Software, Performance Monitoring and Intrusion Detection Systems), Deployment Type (On-Premises, On-Cloud), End User (Enterprises, Individual Consumers), and Region 2024-2032

<https://marketpublishers.com/r/W0F9CD739E2FEN.html>

Date: January 2024

Pages: 144

Price: US\$ 3,899.00 (Single User License)

ID: W0F9CD739E2FEN

Abstracts

The global wireless LAN security market size reached US\$ 11.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 44.4 Billion by 2032, exhibiting a growth rate (CAGR) of 15.92% during 2024-2032. The increasing reliance on wireless networks, the rising awareness about the importance of network security, and the integration of advanced technologies represent some of the key factors driving the market.

Wireless local area network (WLAN) security is a system designed to protect networks from security breaches, including unauthorized access, denial of service attacks, IP and MAC spoofing, and session hijacking. It enables devices to connect to the network without the need for physical cables and helps move appliances within the network. It relies on various measures, such as encryption protocols and strong passwords, to protect personal information and devices. At present, the launch of fifth-generation (5G) technology and long-term evolution (LTE) connections is driving the demand for WLAN security. Moreover, the advent of Wi-Fi 6 technology to help improve performance and security features as compared to previous versions of Wi-Fi is catalyzing the demand

for WLAN security across the globe.

Wireless LAN Security Market Trends:

The increasing number of cyber-attacks and anonymous security threats on account of the rising reliance on wireless networks represents one of the major factors driving the demand for WLAN security around the world. Moreover, the growing penetration of high-speed internet connectivity and a considerable reliance on smartphones and other connected devices is influencing the market positively. In addition, the increasing awareness about the importance of network security is favoring the growth of the market. Apart from this, the rising usage of WLAN security in small and medium-scale enterprises (SMEs) to protect employee data is contributing to the market growth. Furthermore, there is an increase in the integration of artificial intelligence (AI), machine learning (ML), cloud-based security solutions, blockchain technology, and two-factor authentication in WLAN security to analyze network traffic and detect potential threats in real time. This, coupled with the incorporation of software defined networking (SDN) and virtual private networks (VPNs) to enable the centralization of network management and security and encrypt all data transmitted over the network, is strengthening the growth of the market. Besides this, the growing use of WLAN security for various internet of things (IoT) devices to secure communication is creating a positive outlook for the market. Additionally, governments of numerous countries are undertaking initiatives to promote the safety and privacy of user data, which is anticipated to provide a favorable market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global wireless LAN security market, along with forecasts at the global, regional, and country level from 2024-2032. Our report has categorized the market based on security type, technology, deployment type, and end user.

Security Type Insights:

WPA2/WPA (Wi-Fi Protected Access)

WEP (Wired Equivalent Privacy)

No-Encryption

The report has provided a detailed breakup and analysis of the wireless LAN security market based on the security type. This includes WPA2/WPA (Wi-Fi protected access), WEP (wired equivalent privacy), and no-encryption. According to the report, WPA2/WPA (Wi-Fi protected access) represented the largest segment.

Technology Insights:

Dedicated Security Appliances

Mobile VPNs

Stand-Alone WLAN Security Software

Performance Monitoring and Intrusion Detection Systems

A detailed breakup and analysis of the wireless LAN security market based on the technology has also been provided in the report. This includes dedicated security appliances, mobile VPNs, stand-alone WLAN security software, and performance monitoring and intrusion detection systems. According to the report, mobile VPNs accounted for the largest market share.

Deployment Type Insights:

On-Premises

On-Cloud

The report has provided a detailed breakup and analysis of the wireless LAN security market based on the deployment type. This includes on-premises and on-cloud. According to the report, on-premises represented the largest segment.

End User Insights:

Enterprises

Individual Consumers

A detailed breakup and analysis of the wireless LAN security market based on the end user has also been provided in the report. This includes enterprises and individual consumers. According to the report, enterprises accounted for the largest market share.

Regional Insights:

North America

United States

Canada

Asia-Pacific

China

Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America was the largest market for wireless LAN security. Some of the factors driving the North America wireless LAN security market included the integration of advanced technologies, the growing penetration of high-speed internet connectivity, various government initiatives, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global wireless LAN security market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have also been provided. Some of the companies covered include ALE International SAS, Broadcom Inc., Cisco Systems Inc., Dell Inc., Fortinet, Hewlett Packard Enterprise Company, Huawei Technologies Co. Ltd., ZTE Corporation., etc.

Key Questions Answered in This Report:

How has the global wireless LAN security market performed so far and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global wireless LAN security market?

What is the impact of each driver, restraint, and opportunity on the global wireless LAN security market?

What are the key regional markets?

Which countries represent the most attractive wireless LAN security markets?

What is the breakup of the market based on the security type?

Which is the most attractive security type in the wireless LAN security market?

What is the breakup of the market based on the technology?

Which is the most attractive technology in the wireless LAN security market?

What is the breakup of the market based on the deployment type?

Which is the most attractive deployment type in the wireless LAN security market?

What is the breakup of the market based on the end user?

Which is the most attractive end user in the wireless LAN security market?

What is the competitive structure of the global wireless LAN security market?

Who are the key players/companies in the global wireless LAN security market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL WIRELESS LAN SECURITY MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY SECURITY TYPE

- 6.1 WPA2/WPA (Wi-Fi Protected Access)
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 WEP (Wired Equivalent Privacy)
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 No-Encryption
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

- 7.1 Dedicated Security Appliances
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Mobile VPNs
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Stand-Alone WLAN Security Software
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Performance Monitoring and Intrusion Detection Systems
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY DEPLOYMENT TYPE

- 8.1 On-Premises
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 On-Cloud
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY END USER

- 9.1 Enterprises
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Individual Consumers
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

10.2.6.2 Market Forecast

10.2.7 Others

10.2.7.1 Market Trends

10.2.7.2 Market Forecast

10.3 Europe

10.3.1 Germany

10.3.1.1 Market Trends

10.3.1.2 Market Forecast

10.3.2 France

10.3.2.1 Market Trends

10.3.2.2 Market Forecast

10.3.3 United Kingdom

10.3.3.1 Market Trends

- 10.3.3.2 Market Forecast
- 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
- 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
- 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
- 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country
 - 10.5.3 Market Forecast

11 DRIVERS, RESTRAINTS, AND OPPORTUNITIES

- 11.1 Overview
- 11.2 Drivers
- 11.3 Restraints
- 11.4 Opportunities

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
 - 15.3.1 ALE International SAS
 - 15.3.1.1 Company Overview
 - 15.3.1.2 Product Portfolio
 - 15.3.2 Broadcom Inc.
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 Financials
 - 15.3.2.4 SWOT Analysis
 - 15.3.3 Cisco Systems Inc.
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio
 - 15.3.3.3 Financials
 - 15.3.3.4 SWOT Analysis
 - 15.3.4 Dell Inc.
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
 - 15.3.4.3 Financials
 - 15.3.4.4 SWOT Analysis
 - 15.3.5 Fortinet
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
 - 15.3.5.3 Financials
 - 15.3.5.4 SWOT Analysis

15.3.6 Hewlett Packard Enterprise Company

15.3.6.1 Company Overview

15.3.6.2 Product Portfolio

15.3.6.3 Financials

15.3.6.4 SWOT Analysis

15.3.7 Huawei Technologies Co. Ltd.

15.3.7.1 Company Overview

15.3.7.2 Product Portfolio

15.3.7.3 SWOT Analysis

15.3.8 ZTE Corporation

15.3.8.1 Company Overview

15.3.8.2 Product Portfolio

15.3.8.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Wireless LAN Security Market: Key Industry Highlights, 2023 & 2032

Table 2: Global: Wireless LAN Security Market Forecast: Breakup by Security Type (in Million US\$), 2024-2032

Table 3: Global: Wireless LAN Security Market Forecast: Breakup by Technology (in Million US\$), 2024-2032

Table 4: Global: Wireless LAN Security Market Forecast: Breakup by Deployment Type (in Million US\$), 2024-2032

Table 5: Global: Wireless LAN Security Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 6: Global: Wireless LAN Security Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Wireless LAN Security Market: Competitive Structure

Table 8: Global: Wireless LAN Security Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Wireless LAN Security Market: Major Drivers and Challenges

Figure 2: Global: Wireless LAN Security Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Wireless LAN Security Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Wireless LAN Security Market: Breakup by Security Type (in %), 2023

Figure 5: Global: Wireless LAN Security Market: Breakup by Technology (in %), 2023

Figure 6: Global: Wireless LAN Security Market: Breakup by Deployment Type (in %), 2023

Figure 7: Global: Wireless LAN Security Market: Breakup by End User (in %), 2023

Figure 8: Global: Wireless LAN Security Market: Breakup by Region (in %), 2023

Figure 9: Global: Wireless LAN Security (WPA2/WPA (Wi-Fi Protected Access)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Wireless LAN Security (WPA2/WPA (Wi-Fi Protected Access)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Wireless LAN Security (WEP (Wired Equivalent Privacy)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Wireless LAN Security (WEP (Wired Equivalent Privacy)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Wireless LAN Security (No-Encryption) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Wireless LAN Security (No-Encryption) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Wireless LAN Security (Dedicated Security Appliances) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Wireless LAN Security (Dedicated Security Appliances) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Wireless LAN Security (Mobile VPNs) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Wireless LAN Security (Mobile VPNs) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Wireless LAN Security (Stand-Alone WLAN Security Software) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Wireless LAN Security (Stand-Alone WLAN Security Software) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Wireless LAN Security (Performance Monitoring and Intrusion Detection Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Wireless LAN Security (Performance Monitoring and Intrusion Detection Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Wireless LAN Security (On-premises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Wireless LAN Security (On-premises) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Wireless LAN Security (On-Cloud) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Wireless LAN Security (On-Cloud) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Wireless LAN Security (Enterprises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Wireless LAN Security (Enterprises) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Wireless LAN Security (Individual Consumers) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Wireless LAN Security (Individual Consumers) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: North America: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: North America: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: United States: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: United States: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Canada: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Canada: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Asia-Pacific: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Asia-Pacific: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: China: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: China: Wireless LAN Security Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 41: Japan: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Japan: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: India: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: India: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: South Korea: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: South Korea: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Australia: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Australia: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Indonesia: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Indonesia: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Others: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Others: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Europe: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Europe: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Germany: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Germany: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: France: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: France: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: United Kingdom: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: United Kingdom: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Italy: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Italy: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Spain: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Spain: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Russia: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Russia: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Others: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Others: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Latin America: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Latin America: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Brazil: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Brazil: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Mexico: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Mexico: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Others: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Others: Wireless LAN Security Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Middle East and Africa: Wireless LAN Security Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Middle East and Africa: Wireless LAN Security Market: Breakup by Country (in %), 2023

Figure 79: Middle East and Africa: Wireless LAN Security Market Forecast: Sales Value

(in Million US\$), 2024-2032

Figure 80: Global: Wireless LAN Security Industry: Drivers, Restraints, and Opportunities

Figure 81: Global: Wireless LAN Security Industry: Value Chain Analysis

Figure 82: Global: Wireless LAN Security Industry: Porter's Five Forces Analysis

I would like to order

Product name: Wireless LAN Security Market by Security Type (WPA2/WPA (Wi-Fi Protected Access), WEP (Wired Equivalent Privacy), No-Encryption), Technology (Dedicated Security Appliances, Mobile VPNs, Stand-Alone WLAN Security Software, Performance Monitoring and Intrusion Detection Systems), Deployment Type (On-Premises, On-Cloud), End User (Enterprises, Individual Consumers), and Region 2024-2032

Product link: <https://marketpublishers.com/r/W0F9CD739E2FEN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/W0F9CD739E2FEN.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