

Private LTE Market Report by Component (Infrastructure, Service), Technology (FDD, TDD), Frequency Band (Licensed, Unlicensed, Shared Spectrum), Deployment Model (Centralized, Distributed), Industry Vertical (Healthcare, IT and Telecom, Manufacturing, Retail and E-commerce, Government and Defense, Energy and Utility, Oil and Gas, Education, and Others), and Region 2024-2032

<https://marketpublishers.com/r/P45A9BBAA630EN.html>

Date: March 2024

Pages: 142

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

ID: P45A9BBAA630EN

Abstracts

The global private LTE market size reached US\$ 5.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 14.6 Billion by 2032, exhibiting a growth rate (CAGR) of 10.83% during 2024-2032.

Private long-term evolution (LTE) refers to a cellular network system that provides individual network services independent of any carrier. It includes hardware, mobile core software, subscriber identification module (SIM) cards and network orchestration software that can be configured to support the specific requirements of an individual or an enterprise. Private LTE utilizes localized micro towers and small cells to provide enhanced connectivity, modify applications and reduce latency in the network. In comparison to public LTE, private LTE runs on its dedicated equipment and offers independent coverage, security, and performance. As a result, private LTE finds extensive applications across various industries, such as education, healthcare, manufacturing, oil and gas, energy and utility, retail and e-commerce, information technology (IT) and telecommunication.

Private LTE Market Trends:

Significant growth in the telecommunication industry across the globe is one of the key factors creating a positive outlook for the market. Private LTE provides improved bandwidth and data transfer speeds that prevent unstable internet connections during video and audio calls. Additionally, the widespread product utilization in smartphones and smart home devices, such as security alarms, connected city streetlights, smart waste management and wearable fitness and health trackers, is favouring the market growth. Moreover, various technological advancements, such as the integration of communication systems with artificial intelligence (AI) and the Internet of Things (IoT) solutions to provide seamless connectivity, enhanced security, outdoor coverage, and low latency, are providing a thrust to the market growth. These technologies analyse, optimize, and improve the data and maintain the confidentiality of sensitive information within the network. Other factors, including the increasing demand for wireless networks across organizations, along with the widespread product adoption in the medical industry for improved communications between healthcare systems, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global private LTE market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on component, technology, frequency band, deployment model and industry vertical.

Breakup by Component:

- Infrastructure
- Service

Breakup by Technology:

- FDD
- TDD

Breakup by Frequency Band:

- Licensed
- Unlicensed
- Shared Spectrum

Breakup by Deployment Model:

Centralized
Distributed

Breakup by Industry Vertical:

Healthcare
IT and Telecom
Manufacturing, Retail and E-commerce
Government and Defense
Energy and Utility
Oil and Gas
Education
Others

Breakup by Region:

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

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Airspan Networks Inc., ASOCS Ltd., Casa Systems Inc., Cisco Systems Inc., Comba Telecom Systems Holdings Limited, CommScope Inc., Druid Software Limited, Huawei Technologies Co. Ltd., Nokia Corporation, Qualcomm Incorporated, Sierra Wireless Inc and Telefonica S.A.

Key Questions Answered in This Report

1. What was the size of the global private LTE market in 2023?
2. What is the expected growth rate of the global private LTE market during 2024-2032?
3. What are the key factors driving the global private LTE market?
4. What has been the impact of COVID-19 on the global private LTE market?
5. What is the breakup of the global private LTE market based on the component?
6. What is the breakup of the global private LTE market based on the technology?
7. What is the breakup of the global private LTE market based on the frequency band?
8. What is the breakup of the global private LTE market based on the deployment model?
9. What is the breakup of the global private LTE market based on the industry vertical?
10. What are the key regions in the global private LTE market?
11. Who are the key players/companies in the global private LTE 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 PRIVATE LTE MARKET

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

6 MARKET BREAKUP BY COMPONENT

- 6.1 Infrastructure
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Service
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

7.1 FDD

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 TDD

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY FREQUENCY BAND

8.1 Licensed

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Unlicensed

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Shared Spectrum

8.3.1 Market Trends

8.3.2 Market Forecast

9 MARKET BREAKUP BY DEPLOYMENT MODEL

9.1 Centralized

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Distributed

9.2.1 Market Trends

9.2.2 Market Forecast

10 MARKET BREAKUP BY INDUSTRY VERTICAL

10.1 Healthcare

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 IT and Telecom

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Manufacturing, Retail and E-commerce

- 10.3.1 Market Trends
- 10.3.2 Market Forecast
- 10.4 Government and Defense
 - 10.4.1 Market Trends
 - 10.4.2 Market Forecast
- 10.5 Energy and Utility
 - 10.5.1 Market Trends
 - 10.5.2 Market Forecast
- 10.6 Oil and Gas
 - 10.6.1 Market Trends
 - 10.6.2 Market Forecast
- 10.7 Education
 - 10.7.1 Market Trends
 - 10.7.2 Market Forecast
- 10.8 Others
 - 10.8.1 Market Trends
 - 10.8.2 Market Forecast

11 MARKET BREAKUP BY REGION

- 11.1 North America
 - 11.1.1 United States
 - 11.1.1.1 Market Trends
 - 11.1.1.2 Market Forecast
 - 11.1.2 Canada
 - 11.1.2.1 Market Trends
 - 11.1.2.2 Market Forecast
- 11.2 Asia-Pacific
 - 11.2.1 China
 - 11.2.1.1 Market Trends
 - 11.2.1.2 Market Forecast
 - 11.2.2 Japan
 - 11.2.2.1 Market Trends
 - 11.2.2.2 Market Forecast
 - 11.2.3 India
 - 11.2.3.1 Market Trends
 - 11.2.3.2 Market Forecast
 - 11.2.4 South Korea
 - 11.2.4.1 Market Trends

- 11.2.4.2 Market Forecast
- 11.2.5 Australia
 - 11.2.5.1 Market Trends
 - 11.2.5.2 Market Forecast
- 11.2.6 Indonesia
 - 11.2.6.1 Market Trends
 - 11.2.6.2 Market Forecast
- 11.2.7 Others
 - 11.2.7.1 Market Trends
 - 11.2.7.2 Market Forecast
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.1.1 Market Trends
 - 11.3.1.2 Market Forecast
 - 11.3.2 France
 - 11.3.2.1 Market Trends
 - 11.3.2.2 Market Forecast
 - 11.3.3 United Kingdom
 - 11.3.3.1 Market Trends
 - 11.3.3.2 Market Forecast
 - 11.3.4 Italy
 - 11.3.4.1 Market Trends
 - 11.3.4.2 Market Forecast
 - 11.3.5 Spain
 - 11.3.5.1 Market Trends
 - 11.3.5.2 Market Forecast
 - 11.3.6 Russia
 - 11.3.6.1 Market Trends
 - 11.3.6.2 Market Forecast
 - 11.3.7 Others
 - 11.3.7.1 Market Trends
 - 11.3.7.2 Market Forecast
- 11.4 Latin America
 - 11.4.1 Brazil
 - 11.4.1.1 Market Trends
 - 11.4.1.2 Market Forecast
 - 11.4.2 Mexico
 - 11.4.2.1 Market Trends
 - 11.4.2.2 Market Forecast

- 11.4.3 Others
 - 11.4.3.1 Market Trends
 - 11.4.3.2 Market Forecast
- 11.5 Middle East and Africa
 - 11.5.1 Market Trends
 - 11.5.2 Market Breakup by Country
 - 11.5.3 Market Forecast

12 SWOT ANALYSIS

- 12.1 Overview
- 12.2 Strengths
- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats

13 VALUE CHAIN ANALYSIS

14 PORTERS FIVE FORCES ANALYSIS

- 14.1 Overview
- 14.2 Bargaining Power of Buyers
- 14.3 Bargaining Power of Suppliers
- 14.4 Degree of Competition
- 14.5 Threat of New Entrants
- 14.6 Threat of Substitutes

15 PRICE ANALYSIS

16 COMPETITIVE LANDSCAPE

- 16.1 Market Structure
- 16.2 Key Players
- 16.3 Profiles of Key Players
 - 16.3.1 Airspan Networks Inc.
 - 16.3.1.1 Company Overview
 - 16.3.1.2 Product Portfolio
 - 16.3.2 ASOCS Ltd.
 - 16.3.2.1 Company Overview

- 16.3.2.2 Product Portfolio
- 16.3.3 Casa Systems Inc.
 - 16.3.3.1 Company Overview
 - 16.3.3.2 Product Portfolio
 - 16.3.3.3 Financials
- 16.3.4 Cisco Systems Inc.
 - 16.3.4.1 Company Overview
 - 16.3.4.2 Product Portfolio
 - 16.3.4.3 Financials
 - 16.3.4.4 SWOT Analysis
- 16.3.5 Comba Telecom Systems Holdings Limited
 - 16.3.5.1 Company Overview
 - 16.3.5.2 Product Portfolio
- 16.3.6 CommScope Inc.
 - 16.3.6.1 Company Overview
 - 16.3.6.2 Product Portfolio
 - 16.3.6.3 Financials
 - 16.3.6.4 SWOT Analysis
- 16.3.7 Druid Software Limited
 - 16.3.7.1 Company Overview
 - 16.3.7.2 Product Portfolio
- 16.3.8 Huawei Technologies Co. Ltd.
 - 16.3.8.1 Company Overview
 - 16.3.8.2 Product Portfolio
 - 16.3.8.3 SWOT Analysis
- 16.3.9 Nokia Corporation
 - 16.3.9.1 Company Overview
 - 16.3.9.2 Product Portfolio
 - 16.3.9.3 Financials
 - 16.3.9.4 SWOT Analysis
- 16.3.10 Qualcomm Incorporated
 - 16.3.10.1 Company Overview
 - 16.3.10.2 Product Portfolio
 - 16.3.10.3 Financials
 - 16.3.10.4 SWOT Analysis
- 16.3.11 Sierra Wireless Inc
 - 16.3.11.1 Company Overview
 - 16.3.11.2 Product Portfolio
 - 16.3.11.3 Financials

16.3.11.4 SWOT Analysis

16.3.12 Telefónica S.A.

16.3.12.1 Company Overview

16.3.12.2 Product Portfolio

16.3.12.3 Financials

16.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Private LTE Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Private LTE Market Forecast: Breakup by Component (in Million US\$), 2024-2032

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

Table 4: Global: Private LTE Market Forecast: Breakup by Frequency Band (in Million US\$), 2024-2032

Table 5: Global: Private LTE Market Forecast: Breakup by Deployment Model (in Million US\$), 2024-2032

Table 6: Global: Private LTE Market Forecast: Breakup by Industry Vertical (in Million US\$), 2024-2032

Table 7: Global: Private LTE Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 8: Global: Private LTE Market: Competitive Structure

Table 9: Global: Private LTE Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Private LTE Market: Major Drivers and Challenges

Figure 2: Global: Private LTE Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Private LTE Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Private LTE Market: Breakup by Component (in %), 2023

Figure 5: Global: Private LTE Market: Breakup by Technology (in %), 2023

Figure 6: Global: Private LTE Market: Breakup by Frequency Band (in %), 2023

Figure 7: Global: Private LTE Market: Breakup by Deployment Model (in %), 2023

Figure 8: Global: Private LTE Market: Breakup by Industry Vertical (in %), 2023

Figure 9: Global: Private LTE Market: Breakup by Region (in %), 2023

Figure 10: Global: Private LTE (Infrastructure) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Private LTE (Infrastructure) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Private LTE (Service) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Private LTE (Service) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Private LTE (FDD) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Private LTE (FDD) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Private LTE (TDD) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Private LTE (TDD) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Private LTE (Licensed) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Private LTE (Licensed) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Private LTE (Unlicensed) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Private LTE (Unlicensed) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Private LTE (Shared Spectrum) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Private LTE (Shared Spectrum) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Private LTE (Centralized) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Private LTE (Centralized) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Private LTE (Distributed) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Private LTE (Distributed) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Private LTE (Healthcare) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Private LTE (Healthcare) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Private LTE (IT and Telecom) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Private LTE (IT and Telecom) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: Private LTE (Manufacturing, Retail and E-commerce) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: Private LTE (Manufacturing, Retail and E-commerce) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Global: Private LTE (Government and Defense) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Global: Private LTE (Government and Defense) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Global: Private LTE (Energy and Utility) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Global: Private LTE (Energy and Utility) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Global: Private LTE (Oil and Gas) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Global: Private LTE (Oil and Gas) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Global: Private LTE (Education) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Global: Private LTE (Education) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Global: Private LTE (Other Industry Verticals) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Global: Private LTE (Other Industry Verticals) Market Forecast: Sales Value

(in Million US\$), 2024-2032

Figure 44: North America: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: North America: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: United States: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: United States: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Canada: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Canada: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Asia-Pacific: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Asia-Pacific: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: China: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: China: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Japan: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Japan: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: India: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: India: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: South Korea: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: South Korea: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Australia: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Australia: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Indonesia: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Indonesia: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Others: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Others: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Europe: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Europe: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Germany: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Germany: Private LTE Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 70: France: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: France: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 72: United Kingdom: Private LTE Market: Sales Value (in Million US\$), 2018 &
2023

Figure 73: United Kingdom: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 74: Italy: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Italy: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Spain: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Spain: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Russia: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Russia: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 80: Others: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 81: Others: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 82: Latin America: Private LTE Market: Sales Value (in Million US\$), 2018 &
2023

Figure 83: Latin America: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 84: Brazil: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 85: Brazil: Private LTE Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 86: Mexico: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 87: Mexico: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 88: Others: Private LTE Market: Sales Value (in Million US\$), 2018 & 2023

Figure 89: Others: Private LTE Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 90: Middle East and Africa: Private LTE Market: Sales Value (in Million US\$),
2018 & 2023

Figure 91: Middle East and Africa: Private LTE Market: Breakup by Country (in %), 2023

Figure 92: Middle East and Africa: Private LTE Market Forecast: Sales Value (in Million
US\$), 2024-2032

Figure 93: Global: Private LTE Industry: SWOT Analysis

Figure 94: Global: Private LTE Industry: Value Chain Analysis

Figure 95: Global: Private LTE Industry: Porter's Five Forces Analysis

I would like to order

Product name: Private LTE Market Report by Component (Infrastructure, Service), Technology (FDD, TDD), Frequency Band (Licensed, Unlicensed, Shared Spectrum), Deployment Model (Centralized, Distributed), Industry Vertical (Healthcare, IT and Telecom, Manufacturing, Retail and E-commerce, Government and Defense, Energy and Utility, Oil and Gas, Education, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/P45A9BBAA630EN.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/P45A9BBAA630EN.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