

North America Private LTE Market Forecast to 2030 - Regional analysis - by Component [Solution and Services (Professional Services and Managed Services)], Type (FDD and TDD), and End User (Manufacturing, Energy & Utilities, Healthcare, Transportation, Mining, and Others)

<https://marketpublishers.com/r/ND77FCCFE64EEN.html>

Date: July 2024

Pages: 103

Price: US\$ 2,485.00 (Single User License)

ID: ND77FCCFE64EEN

Abstracts

The North America private LTE market was valued at US\$ 1,577.50 million in 2022 and is expected to reach US\$ 2,896.86 million by 2030; it is estimated to grow at a CAGR of 7.9% from 2022 to 2030.

Increasing Adoption of IoT in Manufacturing Sector Fuels North America Private LTE Market.

The increasing adoption of Industry 4.0, industrial IoT, and automated technology are significantly fueling the demand for the private LTE market. The continuous advancements in connectivity are the key parameters positively influencing the market. An increasing number of connected devices in the manufacturing sector are generating massive amounts of data, which needs to be analyzed effectively for smooth business operations. The growing investments in machine-to-machine (M2M) and traditional IoT have enabled a significant increase in the economies of scale that drive the adoption of private LTE across the sector.

Private LTE service providers highly focus on offering personal LTE services for the manufacturing sector worldwide. The market is witnessing various initiatives for the development of advanced private LTE solutions for the manufacturing sector. For instance, in 2023, DXC Technology and Nokia launched DXC Signal Private LTE and

5G. It is a managed, secure private wireless network and digitalization platform solution that aids in the digital transformation of industrial firms' operations. The goal of DXC Signal Private LTE and 5G is to address the rising need for private wireless networks in important industry sectors such as manufacturing. Also, in 2023, the world's largest provider of IT infrastructure services, Kyndryl, and the leader in cutting-edge networking technology, Nokia, announced a three-year extension as well as an expansion of their global network and edge partnership. The primary goals of this partnership are to develop and provide customers worldwide with Industry 4.0 solutions and industry-leading LTE and 5G private wireless services. In February 2022, Kyndryl and Nokia formed their collaboration for edge computing and global networks. Since then, the relationship has expanded rapidly, and it now has over 100 ongoing partnerships with multinational corporations ranging from testing or consulting to complete implementation across 24 countries through piloting. 90% of the current engagements are businesses in the industrial manufacturing sector, including multinational mining, petrochemical, and timber, as well as utilities/energy companies. These businesses share a common vision and are committed to assisting enterprise and mission-critical infrastructure customers in accelerating their digital transformations with cutting-edge LTE and 5G private wireless networking. Thus, owing to the above parameters increasing adoption of IoT in manufacturing sector is a potential driver for the private LTE market.

North America Private LTE Market Overview

North America is segmented into the US, Canada, and Mexico. The US is a developed country in terms of modern technology, the standard of living, and infrastructure. Across North America, technological advancements have led to highly competitive markets. With the increasing customer demand for high-quality products and services, the market players are constantly focusing on innovating to serve their customers in the best possible way. The Internet plays a critical business function in North America, particularly in the US. As per the Bureau of Economic Analysis, in 2022, the US manufacturing sector was one of the world's largest, valued at US\$ 2.55 trillion. The country is now shifting toward the development across the banking and finance sectors and growth in the telecommunication sector owing to the increasing implementation of LTE. The US manufacturing industry is anticipated to grow faster during the forecast period due to several favorable factors, including rising adoption of IoT, enhanced productivity due to the presence of advanced technologies, decreasing oil & gas prices, mounting labor costs in emerging markets, and availability of better LTE connectivity to companies for collecting real-time data and communicating with others remotely.

In 2021, the US Federal Communications Commission (FCC) revealed a band of the radio spectrum that permits communication service providers such as neutral hosts and businesses to transform how enterprises obtain local mobile connectivity, along with enhanced security and quality from this connectivity. Private long-term evolution (LTE) networks are localized systems mainly designed to aid government education or specific business purposes with enhanced features through this connectivity. Similarly, the Citizens Broadband Radio Service (CBRS) Alliance was introduced by the Federal Communications Commission (FCC), which permits the commercial use of the 3.5 GHz band by the military and fixed satellite stations across the US. According to the CBRS plan, a three-tiered system was announced for dictating and coordinating with the assigned spectrum. The three-tiered system includes Incumbent, General Authorized Access (GAA) users, and Priority Access License (PAL). All such strategic plans enhance the requirement for private LTE across industries such as manufacturing, oil & gas, and telecommunication.

Major private LTE providers in the region include CommScope Inc.; Future Technologies, Inc.; NetNumber, Inc.; and Cisco Systems, Inc.

North America Private LTE Market Revenue and Forecast to 2030 (US\$ Million)

North America Private LTE Market Segmentation

The North America private LTE market is segmented based on component, type, end user, and country.

Based on component, the North America private LTE market is segmented into solution and services . The solution segment held a larger market share in 2022. The services segment is further bifurcated into professional and managed services.

Based on type, the North America private LTE market is bifurcated into FDD and TDD. The FDD segment held a larger market share in 2022.

Based on end user, the North America private LTE market is segmented into manufacturing, energy & utilities, healthcare, transportation, mining, and others . The manufacturing segment held the largest market share in 2022.

Based on country, the North America private LTE market is segmented into the US, Canada, and Mexico. The US dominated the North America private LTE market share in 2022.

Cisco Systems Inc, Telefonaktiebolaget LM Ericsson, Huawei Investment & Holding Co Ltd, Samsung Group, Verizon Communications Inc, CommScope Holding Co Inc, Future Technologies Inc, Star Solutions, Sierra Wireless Inc, and Kyndryl Holdings Inc are some of the leading companies operating in the North America private LTE market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA PRIVATE LTE MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Ecosystem Analysis

5. NORTH AMERICA PRIVATE LTE MARKET – KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Increasing Adoption of IoT in Manufacturing Sector
 - 5.1.2 Growing Demand for Reliable and Efficient Communications Network Infrastructure
 - 5.1.3 Rising Need for Wireless Networks
- 5.2 Market Restraints
 - 5.2.1 5G Deployment
 - 5.2.2 High Infrastructure Cost
- 5.3 Market Opportunities
 - 5.3.1 Opportunities in Developing Economies
 - 5.3.2 Demand for Ultra-Reliable, Low Latency Communication
- 5.4 Future Trends
 - 5.4.1 Emergence of New Industrial and Residential Use Cases
- 5.5 Impact of Drivers and Restraints:

6. PRIVATE LTE MARKET – NORTH AMERICA MARKET ANALYSIS

6.1 Private LTE Market Revenue (US\$ Million), 2020–2030

6.2 Private LTE Market Forecast Analysis

7. NORTH AMERICA PRIVATE LTE MARKET ANALYSIS – BY COMPONENT

7.1 Solution

7.1.1 Overview

7.1.2 Solution: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

7.2 Services

7.2.1 Overview

7.2.2 Services: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

7.2.2.1 Professional Services

7.2.2.1.1 Overview

7.2.2.1.2 Professional Services Market, Revenue and Forecast to 2030 (US\$ Million)

7.2.2.2 Managed Services

7.2.2.2.1 Overview

7.2.2.2.2 Managed Services Market, Revenue and Forecast to 2030 (US\$ Million)

8. NORTH AMERICA PRIVATE LTE MARKET ANALYSIS – BY TYPE

8.1 FDD

8.1.1 Overview

8.1.2 FDD: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

8.2 TDD

8.2.1 Overview

8.2.2 TDD: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

9. NORTH AMERICA PRIVATE LTE MARKET ANALYSIS – BY END USER

9.1 Manufacturing

9.1.1 Overview

9.1.2 Manufacturing: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

9.2 Energy & Utilities

9.2.1 Overview

9.2.2 Energy & Utilities: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

9.3 Healthcare

9.3.1 Overview

9.3.2 Healthcare: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

9.4 Transportation

9.4.1 Overview

9.4.2 Transportation: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

9.5 Mining

9.5.1 Overview

9.5.2 Mining: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

9.6 Others

9.6.1 Overview

9.6.2 Others: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

10. NORTH AMERICA PRIVATE LTE MARKET – COUNTRY ANALYSIS

10.1 North America Market Overview

10.1.1 North America: Private LTE Market – Revenue and Forecast Analysis – by Country

10.1.1.1 North America: Private LTE Market – Revenue and Forecast Analysis – by Country

10.1.1.2 United States: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.2.1 United States: Private LTE Market Breakdown, by Component

10.1.1.2.1.1 United States: Private LTE Market Breakdown, by Services

10.1.1.2.2 United States: Private LTE Market Breakdown, by Type

10.1.1.2.3 United States: Private LTE Market Breakdown, by End user

10.1.1.3 Canada: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.3.1 Canada: Private LTE Market Breakdown, by Component

10.1.1.3.1.1 Canada: Private LTE Market Breakdown, by Services

10.1.1.3.2 Canada: Private LTE Market Breakdown, by Type

10.1.1.3.3 Canada: Private LTE Market Breakdown, by End user

10.1.1.4 Mexico: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.4.1 Mexico: Private LTE Market Breakdown, by Component

10.1.1.4.1.1 Mexico: Private LTE Market Breakdown, by Services

10.1.1.4.2 Mexico: Private LTE Market Breakdown, by Type

10.1.1.4.3 Mexico: Private LTE Market Breakdown, by End user

11. COMPETITIVE LANDSCAPE

11.1 Heat Map Analysis by Key Players

12. INDUSTRY LANDSCAPE

12.1 Overview

12.2 Market Initiative

12.3 New Product Development

13. COMPANY PROFILES

13.1 Cisco Systems Inc

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Telefonaktiebolaget LM Ericsson

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

13.2.6 Key Developments

13.3 Huawei Investment & Holding Co Ltd

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

13.3.4 Financial Overview

13.3.5 SWOT Analysis

13.3.6 Key Developments

13.4 Samsung Group

13.4.1 Key Facts

13.4.2 Business Description

13.4.3 Products and Services

13.4.4 Financial Overview

- 13.4.5 SWOT Analysis
- 13.4.6 Key Developments
- 13.5 Verizon Communications Inc
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 CommScope Holding Co Inc
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 Future Technologies, Inc.
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 Star Solutions
 - 13.8.1 Key Facts
 - 13.8.2 Business Description
 - 13.8.3 Products and Services
 - 13.8.4 Financial Overview
 - 13.8.5 SWOT Analysis
 - 13.8.6 Key Developments
- 13.9 Sierra Wireless, Inc.
 - 13.9.1 Key Facts
 - 13.9.2 Business Description
 - 13.9.3 Products and Services
 - 13.9.4 Financial Overview
 - 13.9.5 SWOT Analysis
 - 13.9.6 Key Developments
- 13.10 Kyndryl Holdings Inc
 - 13.10.1 Key Facts

- 13.10.2 Business Description
- 13.10.3 Products and Services
- 13.10.4 Financial Overview
- 13.10.5 SWOT Analysis
- 13.10.6 Key Developments

14. APPENDIX

- 14.1 About The Insight Partners
- 14.2 Word Index

List Of Tables

LIST OF TABLES

Table 1. Private LTE market Segmentation

Table 2. Private LTE market – Revenue and Forecast to 2030 (US\$ Million)

Table 3. Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by Component

Table 4. Services Market Revenue and Forecasts to 2030 (US\$ Million) –Type

Table 5. Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by Type

Table 6. Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by End user

Table 7. North America: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Country

Table 8. United States: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Component

Table 9. United States: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Services

Table 10. United States: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 11. United States: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by End user

Table 12. Canada: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Component

Table 13. Canada: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Services

Table 14. Canada: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 15. Canada: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by End user

Table 16. Mexico: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Component

Table 17. Mexico: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Services

Table 18. Mexico: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 19. Mexico: Private LTE Market – Revenue and Forecast to 2030(US\$ Million) – by End user

Table 20. Heat Map Analysis by Key Players

Table 21. List of Abbreviation12. List of Figures

Figure 1. Private LTE market Segmentation, by Country

Figure 2. PEST Analysis

Figure 3. Private LTE market – Key Market Dynamics

Figure 4. Impact Analysis of Drivers and Restraints

Figure 5. Private LTE Market Revenue (US\$ Million), 2020–2030

Figure 6. Private LTE Market Share (%) – by Component (2022 and 2030)

Figure 7. Solution: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 8. Services: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 9. Professional Services Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 10. Managed Services Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 11. Private LTE Market Share (%) – by Type (2022 and 2030)

Figure 12. FDD: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 13. TDD: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 14. Private LTE Market Share (%) – by End user (2022 and 2030)

Figure 15. Manufacturing: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 16. Energy & Utilities: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 17. Healthcare: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 18. Transportation: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 19. Mining: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 20. Others: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 21. Private LTE Market, by Key Countries – Revenue (2022) (US\$ Million)

Figure 22. North America: Private LTE Market Breakdown, by Key Countries, 2022 and 2030 (%)

Figure 23. United States: Private LTE Market – Revenue and Forecast to 2030(US\$ Million)

Figure 24. Canada: Private LTE Market – Revenue and Forecast to 2030(US\$ Million)

Figure 25. Mexico: Private LTE Market – Revenue and Forecast to 2030(US\$ Million)

I would like to order

Product name: North America Private LTE Market Forecast to 2030 - Regional analysis - by Component [Solution and Services (Professional Services and Managed Services)], Type (FDD and TDD), and End User (Manufacturing, Energy & Utilities, Healthcare, Transportation, Mining, and Others)

Product link: <https://marketpublishers.com/r/ND77FCCFE64EEN.html>

Price: US\$ 2,485.00 (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/ND77FCCFE64EEN.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