

# **South & Central 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/S0B01E97E07FEN.html>

Date: July 2024

Pages: 89

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

ID: S0B01E97E07FEN

## **Abstracts**

The South & Central America private LTE market was valued at US\$ 287.51 million in 2022 and is expected to reach US\$ 619.98 million by 2030; it is estimated to grow at a CAGR of 10.1% from 2022 to 2030.

Demand for Ultra-Reliable, Low Latency Communication Fuels South & Central America Private LTE Market.

The demand for greater bandwidth grows as people interact in high-definition video and receive increasingly immersive experiences with virtual reality and cloud gaming. Machines, too, rely on high-speed, low-latency networking, especially as industrial processes become more automated.

Private LTE is being built to enable services for latency-sensitive devices in applications such as autonomous driving, factory automation, remote surgery, mission-critical communications, and VR/AR entertainment. These applications require sub-millisecond latency and error rates of fewer than one packet per 10<sup>5</sup>. Ultra-reliable low-latency communications (URLLC) application cases have stringent latency and reliability requirements.

Cellular networks encounter challenges due to channel fading, interference levels, and

user equipment (UE) movement. Private LTE technology enables high reliability, low latency, and optimal multiplexing of URLLC and other traffic in the system. Throughout the projection period, remote LTE deployment must be planned to meet high latency and reliability standards for URLLC, i.e., be suitable for the private LTE market.

## South & Central America Private LTE Market Overview

The private LTE market in South & Central America has been further segmented into Brazil, Argentina, and the Rest of South & Central America. Countries in SAM are attracting huge FDIs. The availability of cheap labor, low entry barriers, and low interest rates are the key factors driving FDI in the region's manufacturing sector. Certain countries in the region have relaxed FDI regulations. Thus, they are attracting investments from several companies. For instance, Argentina is concentrating on attracting FDIs by taking several initiatives, such as easing import restrictions, signing international bilateral agreements, and lifting restrictions on foreign investment. These initiatives are expected to help in the development of the manufacturing sector in SAM. To boost the overall production process in the manufacturing industry, the implementation of a private LTE network is growing in the region.

Due to an increase in innovative city projects, there is a proliferation in demand for mobiles, smartphones, and enhanced internet service among the South American masses. More than 82% of the South American population lives in urban areas, and the percentage is anticipated to grow to 90% by 2050. Economic development is one of the most significant drivers of urbanization, and it surges the interest in smart cities in the region. The increasing deployment of private LTE networks across various industries is boosting the region's market.

## South & Central America Private LTE Market Revenue and Forecast to 2030 (US\$ Million)

### South & Central America Private LTE Market Segmentation

The South & Central America private LTE market is segmented based on component, type, end user, and country. Based on component, the South & Central America private LTE market is segmented into solution and services. The services segment is further bifurcated into professional and managed services. The solution segment held a larger market share in 2022.

Based on type, the South & Central 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 South & Central 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 South & Central America private LTE market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America private LTE market share in 2022.

Cisco Systems Inc, Telefonaktiebolaget LM Ericsson, Huawei Investment & Holding Co Ltd, Samsung Group, Star Solutions, and Kyndryl Holdings Inc are some of the leading companies operating in the South & Central 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. SOUTH & CENTRAL AMERICA PRIVATE LTE MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Ecosystem Analysis

### **5. SOUTH & CENTRAL 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 – SOUTH & CENTRAL AMERICA MARKET ANALYSIS**

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

6.2 Private LTE Market Forecast Analysis

## **7. SOUTH & CENTRAL 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. SOUTH & CENTRAL 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. SOUTH & CENTRAL 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)

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. SOUTH & CENTRAL AMERICA PRIVATE LTE MARKET – COUNTRY ANALYSIS**

### 10.1 South & Central America Market Overview

10.1.1 South & Central America: Private LTE Market – Revenue and Forecast Analysis – by Country

10.1.1.1 South & Central America: Private LTE Market – Revenue and Forecast Analysis – by Country

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

##### 10.1.1.2.1 Brazil: Private LTE Market Breakdown, by Component

###### 10.1.1.2.1.1 Brazil: Private LTE Market Breakdown, by Services

##### 10.1.1.2.2 Brazil: Private LTE Market Breakdown, by Type

##### 10.1.1.2.3 Brazil: Private LTE Market Breakdown, by End user

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

#### 10.1.1.3.1 Argentina: Private LTE Market Breakdown, by Component

##### 10.1.1.3.1.1 Argentina: Private LTE Market Breakdown, by Services

##### 10.1.1.3.2 Argentina: Private LTE Market Breakdown, by Type

##### 10.1.1.3.3 Argentina: Private LTE Market Breakdown, by End user

10.1.1.4 Rest of South & Central America: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.4.1 Rest of South & Central America: Private LTE Market Breakdown, by Component

10.1.1.4.1.1 Rest of South & Central America: Private LTE Market Breakdown, by Services

10.1.1.4.2 Rest of South & Central America: Private LTE Market Breakdown, by Type

10.1.1.4.3 Rest of South & Central America: Private LTE Market Breakdown, by End user

## **11. COMPETITIVE LANDSCAPE**

11.1 Heat Map Analysis by Key Players

11.2 Company Positioning & Concentration

## **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 Star Solutions
  - 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 Kyndryl Holdings, 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

## **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. South & Central America: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by Country

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

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

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

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

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

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

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

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

Table 16. Rest of South & Central America: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by Component

Table 17. Rest of South & Central America: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by Services

Table 18. Rest of South & Central America: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million) – by Type

Table 19. Rest of South & Central America: 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 Abbreviation  
12. 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. South & Central America Private LTE Market, by Key Countries - Revenue (2022) (US\$ Million)

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

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

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

Figure 25. Rest of South & Central America: Private LTE Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 26. Company Positioning & Concentration

## I would like to order

Product name: South & Central 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/S0B01E97E07FEN.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](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/S0B01E97E07FEN.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