

Global 5G TSN Market 2024 by Company, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G15544F735FAEN.html>

Date: April 2025

Pages: 66

Price: US\$ 3,480.00 (Single User License)

ID: G15544F735FAEN

Abstracts

According to our (Global Info Research) latest study, the global 5G TSN market size was valued at US\$ 89.7 million in 2023 and is forecast to a readjusted size of USD 1042 million by 2030 with a CAGR of 40.3% during review period.

5G TSN convergence refers to the integration of 5G networks with TSN technology. It leverages the wide coverage and mobility of 5G and the deterministic transmission capabilities of TSN to provide stronger support for industrial automation, smart manufacturing, and the Internet of Vehicles. 5G TSN enables high-precision time synchronization and low-latency communication in wireless environments, meeting the extremely demanding time-sensitive requirements of applications such as industrial control.

This report is a detailed and comprehensive analysis for global 5G TSN market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global 5G TSN market size and forecasts, in consumption value (\$ Million), 2019-2030

Global 5G TSN market size and forecasts by region and country, in consumption value (\$ Million), 2019-2030

Global 5G TSN market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2019-2030

Global 5G TSN market shares of main players, in revenue (\$ Million), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 5G TSN

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 5G TSN market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ericsson, Huawei, Samsung, ZTE, Nokia, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

5G TSN market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hardware

Software and Services

Market segment by Application

Manufacturing

Energy and Power

Oil and Gas

Transportation

Others

Market segment by players, this report covers

Ericsson

Huawei

Samsung

ZTE

Nokia

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe 5G TSN product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of 5G TSN, with revenue, gross margin, and global market share of 5G TSN from 2019 to 2024.

Chapter 3, the 5G TSN competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and 5G TSN market forecast, by regions, by Type and by Application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of 5G TSN.

Chapter 13, to describe 5G TSN research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of 5G TSN by Type
 - 1.3.1 Overview: Global 5G TSN Market Size by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Global 5G TSN Consumption Value Market Share by Type in 2023
 - 1.3.3 Hardware
 - 1.3.4 Software and Services
- 1.4 Global 5G TSN Market by Application
 - 1.4.1 Overview: Global 5G TSN Market Size by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Manufacturing
 - 1.4.3 Energy and Power
 - 1.4.4 Oil and Gas
 - 1.4.5 Transportation
 - 1.4.6 Others
- 1.5 Global 5G TSN Market Size & Forecast
- 1.6 Global 5G TSN Market Size and Forecast by Region
 - 1.6.1 Global 5G TSN Market Size by Region: 2019 VS 2023 VS 2030
 - 1.6.2 Global 5G TSN Market Size by Region, (2019-2030)
 - 1.6.3 North America 5G TSN Market Size and Prospect (2019-2030)
 - 1.6.4 Europe 5G TSN Market Size and Prospect (2019-2030)
 - 1.6.5 Asia-Pacific 5G TSN Market Size and Prospect (2019-2030)
 - 1.6.6 South America 5G TSN Market Size and Prospect (2019-2030)
 - 1.6.7 Middle East & Africa 5G TSN Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

- 2.1 Ericsson
 - 2.1.1 Ericsson Details
 - 2.1.2 Ericsson Major Business
 - 2.1.3 Ericsson 5G TSN Product and Solutions
 - 2.1.4 Ericsson 5G TSN Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Ericsson Recent Developments and Future Plans
- 2.2 Huawei
 - 2.2.1 Huawei Details

2.2.2 Huawei Major Business

2.2.3 Huawei 5G TSN Product and Solutions

2.2.4 Huawei 5G TSN Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Huawei Recent Developments and Future Plans

2.3 Samsung

2.3.1 Samsung Details

2.3.2 Samsung Major Business

2.3.3 Samsung 5G TSN Product and Solutions

2.3.4 Samsung 5G TSN Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Samsung Recent Developments and Future Plans

2.4 ZTE

2.4.1 ZTE Details

2.4.2 ZTE Major Business

2.4.3 ZTE 5G TSN Product and Solutions

2.4.4 ZTE 5G TSN Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 ZTE Recent Developments and Future Plans

2.5 Nokia

2.5.1 Nokia Details

2.5.2 Nokia Major Business

2.5.3 Nokia 5G TSN Product and Solutions

2.5.4 Nokia 5G TSN Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Nokia Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

3.1 Global 5G TSN Revenue and Share by Players (2019-2024)

3.2 Market Share Analysis (2023)

3.2.1 Market Share of 5G TSN by Company Revenue

3.2.2 Top 3 5G TSN Players Market Share in 2023

3.2.3 Top 6 5G TSN Players Market Share in 2023

3.3 5G TSN Market: Overall Company Footprint Analysis

3.3.1 5G TSN Market: Region Footprint

3.3.2 5G TSN Market: Company Product Type Footprint

3.3.3 5G TSN Market: Company Product Application Footprint

3.4 New Market Entrants and Barriers to Market Entry

3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

4.1 Global 5G TSN Consumption Value and Market Share by Type (2019-2024)

4.2 Global 5G TSN Market Forecast by Type (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

5.1 Global 5G TSN Consumption Value Market Share by Application (2019-2024)

5.2 Global 5G TSN Market Forecast by Application (2025-2030)

6 NORTH AMERICA

6.1 North America 5G TSN Consumption Value by Type (2019-2030)

6.2 North America 5G TSN Market Size by Application (2019-2030)

6.3 North America 5G TSN Market Size by Country

6.3.1 North America 5G TSN Consumption Value by Country (2019-2030)

6.3.2 United States 5G TSN Market Size and Forecast (2019-2030)

6.3.3 Canada 5G TSN Market Size and Forecast (2019-2030)

6.3.4 Mexico 5G TSN Market Size and Forecast (2019-2030)

7 EUROPE

7.1 Europe 5G TSN Consumption Value by Type (2019-2030)

7.2 Europe 5G TSN Consumption Value by Application (2019-2030)

7.3 Europe 5G TSN Market Size by Country

7.3.1 Europe 5G TSN Consumption Value by Country (2019-2030)

7.3.2 Germany 5G TSN Market Size and Forecast (2019-2030)

7.3.3 France 5G TSN Market Size and Forecast (2019-2030)

7.3.4 United Kingdom 5G TSN Market Size and Forecast (2019-2030)

7.3.5 Russia 5G TSN Market Size and Forecast (2019-2030)

7.3.6 Italy 5G TSN Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

8.1 Asia-Pacific 5G TSN Consumption Value by Type (2019-2030)

8.2 Asia-Pacific 5G TSN Consumption Value by Application (2019-2030)

8.3 Asia-Pacific 5G TSN Market Size by Region

8.3.1 Asia-Pacific 5G TSN Consumption Value by Region (2019-2030)

8.3.2 China 5G TSN Market Size and Forecast (2019-2030)

8.3.3 Japan 5G TSN Market Size and Forecast (2019-2030)

8.3.4 South Korea 5G TSN Market Size and Forecast (2019-2030)

8.3.5 India 5G TSN Market Size and Forecast (2019-2030)

8.3.6 Southeast Asia 5G TSN Market Size and Forecast (2019-2030)

8.3.7 Australia 5G TSN Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

9.1 South America 5G TSN Consumption Value by Type (2019-2030)

9.2 South America 5G TSN Consumption Value by Application (2019-2030)

9.3 South America 5G TSN Market Size by Country

9.3.1 South America 5G TSN Consumption Value by Country (2019-2030)

9.3.2 Brazil 5G TSN Market Size and Forecast (2019-2030)

9.3.3 Argentina 5G TSN Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa 5G TSN Consumption Value by Type (2019-2030)

10.2 Middle East & Africa 5G TSN Consumption Value by Application (2019-2030)

10.3 Middle East & Africa 5G TSN Market Size by Country

10.3.1 Middle East & Africa 5G TSN Consumption Value by Country (2019-2030)

10.3.2 Turkey 5G TSN Market Size and Forecast (2019-2030)

10.3.3 Saudi Arabia 5G TSN Market Size and Forecast (2019-2030)

10.3.4 UAE 5G TSN Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

11.1 5G TSN Market Drivers

11.2 5G TSN Market Restraints

11.3 5G TSN Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

12.1 5G TSN Industry Chain

12.2 5G TSN Upstream Analysis

- 12.3 5G TSN Midstream Analysis
- 12.4 5G TSN Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global 5GTSN Consumption Value byType, (USD Million), 2019 & 2023 & 2030

Table 2. Global 5GTSN Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Global 5GTSN Consumption Value by Region (2019-2024) & (USD Million)

Table 4. Global 5GTSN Consumption Value by Region (2025-2030) & (USD Million)

Table 5. Ericsson Company Information, Head Office, and Major Competitors

Table 6. Ericsson Major Business

Table 7. Ericsson 5GTSN Product and Solutions

Table 8. Ericsson 5GTSN Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 9. Ericsson Recent Developments andFuture Plans

Table 10. Huawei Company Information, Head Office, and Major Competitors

Table 11. Huawei Major Business

Table 12. Huawei 5GTSN Product and Solutions

Table 13. Huawei 5GTSN Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 14. Huawei Recent Developments andFuture Plans

Table 15. Samsung Company Information, Head Office, and Major Competitors

Table 16. Samsung Major Business

Table 17. Samsung 5GTSN Product and Solutions

Table 18. Samsung 5GTSN Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 19. ZTE Company Information, Head Office, and Major Competitors

Table 20. ZTE Major Business

Table 21. ZTE 5GTSN Product and Solutions

Table 22. ZTE 5GTSN Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 23. ZTE Recent Developments andFuture Plans

Table 24. Nokia Company Information, Head Office, and Major Competitors

Table 25. Nokia Major Business

Table 26. Nokia 5GTSN Product and Solutions

Table 27. Nokia 5GTSN Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 28. Nokia Recent Developments andFuture Plans

Table 29. Global 5GTSN Revenue (USD Million) by Players (2019-2024)
Table 30. Global 5GTSN Revenue Share by Players (2019-2024)
Table 31. Breakdown of 5GTSN by CompanyType (Tier 1,Tier 2, andTier 3)
Table 32. Market Position of Players in 5GTSN, (Tier 1,Tier 2, andTier 3), Based on Revenue in 2023
Table 33. Head Office of Key 5GTSN Players
Table 34. 5GTSN Market: Company ProductTypeFootprint
Table 35. 5GTSN Market: Company Product ApplicationFootprint
Table 36. 5GTSN New Market Entrants and Barriers to Market Entry
Table 37. 5GTSN Mergers, Acquisition, Agreements, and Collaborations
Table 38. Global 5GTSN Consumption Value (USD Million) byType (2019-2024)
Table 39. Global 5GTSN Consumption Value Share byType (2019-2024)
Table 40. Global 5GTSN Consumption ValueForecast byType (2025-2030)
Table 41. Global 5GTSN Consumption Value by Application (2019-2024)
Table 42. Global 5GTSN Consumption ValueForecast by Application (2025-2030)
Table 43. North America 5GTSN Consumption Value byType (2019-2024) & (USD Million)
Table 44. North America 5GTSN Consumption Value byType (2025-2030) & (USD Million)
Table 45. North America 5GTSN Consumption Value by Application (2019-2024) & (USD Million)
Table 46. North America 5GTSN Consumption Value by Application (2025-2030) & (USD Million)
Table 47. North America 5GTSN Consumption Value by Country (2019-2024) & (USD Million)
Table 48. North America 5GTSN Consumption Value by Country (2025-2030) & (USD Million)
Table 49. Europe 5GTSN Consumption Value byType (2019-2024) & (USD Million)
Table 50. Europe 5GTSN Consumption Value byType (2025-2030) & (USD Million)
Table 51. Europe 5GTSN Consumption Value by Application (2019-2024) & (USD Million)
Table 52. Europe 5GTSN Consumption Value by Application (2025-2030) & (USD Million)
Table 53. Europe 5GTSN Consumption Value by Country (2019-2024) & (USD Million)
Table 54. Europe 5GTSN Consumption Value by Country (2025-2030) & (USD Million)
Table 55. Asia-Pacific 5GTSN Consumption Value byType (2019-2024) & (USD Million)
Table 56. Asia-Pacific 5GTSN Consumption Value byType (2025-2030) & (USD Million)
Table 57. Asia-Pacific 5GTSN Consumption Value by Application (2019-2024) & (USD Million)

Table 58. Asia-Pacific 5GTSN Consumption Value by Application (2025-2030) & (USD Million)

Table 59. Asia-Pacific 5GTSN Consumption Value by Region (2019-2024) & (USD Million)

Table 60. Asia-Pacific 5GTSN Consumption Value by Region (2025-2030) & (USD Million)

Table 61. South America 5GTSN Consumption Value byType (2019-2024) & (USD Million)

Table 62. South America 5GTSN Consumption Value byType (2025-2030) & (USD Million)

Table 63. South America 5GTSN Consumption Value by Application (2019-2024) & (USD Million)

Table 64. South America 5GTSN Consumption Value by Application (2025-2030) & (USD Million)

Table 65. South America 5GTSN Consumption Value by Country (2019-2024) & (USD Million)

Table 66. South America 5GTSN Consumption Value by Country (2025-2030) & (USD Million)

Table 67. Middle East & Africa 5GTSN Consumption Value byType (2019-2024) & (USD Million)

Table 68. Middle East & Africa 5GTSN Consumption Value byType (2025-2030) & (USD Million)

Table 69. Middle East & Africa 5GTSN Consumption Value by Application (2019-2024) & (USD Million)

Table 70. Middle East & Africa 5GTSN Consumption Value by Application (2025-2030) & (USD Million)

Table 71. Middle East & Africa 5GTSN Consumption Value by Country (2019-2024) & (USD Million)

Table 72. Middle East & Africa 5GTSN Consumption Value by Country (2025-2030) & (USD Million)

Table 73. Global Key Players of 5GTSN Upstream (Raw Materials)

Table 74. Global 5GTSNTypical Customers

List Of Figures

LIST OF FIGURES

Figure 1. 5GTSN Picture

Figure 2. Global 5GTSN Consumption Value byType, (USD Million), 2019 & 2023 & 2030

Figure 3. Global 5GTSN Consumption Value Market Share byType in 2023

Figure 4. Hardware

Figure 5. Software and Services

Figure 6. Global 5GTSN Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. 5GTSN Consumption Value Market Share by Application in 2023

Figure 8. Manufacturing Picture

Figure 9. Energy and Power Picture

Figure 10. Oil and Gas Picture

Figure 11. Transportation Picture

Figure 12. Others Picture

Figure 13. Global 5GTSN Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global 5GTSN Consumption Value andForecast (2019-2030) & (USD Million)

Figure 15. Global Market 5GTSN Consumption Value (USD Million) Comparison by Region (2019 VS 2023 VS 2030)

Figure 16. Global 5GTSN Consumption Value Market Share by Region (2019-2030)

Figure 17. Global 5GTSN Consumption Value Market Share by Region in 2023

Figure 18. North America 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 19. Europe 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 20. Asia-Pacific 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 21. South America 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 22. Middle East & Africa 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 23. CompanyThree Recent Developments andFuture Plans

Figure 24. Global 5GTSN Revenue Share by Players in 2023

Figure 25. 5GTSN Market Share by CompanyType (Tier 1,Tier 2, andTier 3) in 2023

Figure 26. Market Share of 5GTSN by Player Revenue in 2023

Figure 27. Top 3 5GTSN Players Market Share in 2023

Figure 28. Top 6 5GTSN Players Market Share in 2023

Figure 29. Global 5GTSN Consumption Value Share byType (2019-2024)

Figure 30. Global 5GTSN Market ShareForecast byType (2025-2030)

Figure 31. Global 5GTSN Consumption Value Share by Application (2019-2024)

- Figure 32. Global 5GTSN Market ShareForecast by Application (2025-2030)
- Figure 33. North America 5GTSN Consumption Value Market Share byType (2019-2030)
- Figure 34. North America 5GTSN Consumption Value Market Share by Application (2019-2030)
- Figure 35. North America 5GTSN Consumption Value Market Share by Country (2019-2030)
- Figure 36. United States 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 37. Canada 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 38. Mexico 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 39. Europe 5GTSN Consumption Value Market Share byType (2019-2030)
- Figure 40. Europe 5GTSN Consumption Value Market Share by Application (2019-2030)
- Figure 41. Europe 5GTSN Consumption Value Market Share by Country (2019-2030)
- Figure 42. Germany 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 43. France 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 44. United Kingdom 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 45. Russia 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 46. Italy 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 47. Asia-Pacific 5GTSN Consumption Value Market Share byType (2019-2030)
- Figure 48. Asia-Pacific 5GTSN Consumption Value Market Share by Application (2019-2030)
- Figure 49. Asia-Pacific 5GTSN Consumption Value Market Share by Region (2019-2030)
- Figure 50. China 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 51. Japan 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 52. South Korea 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 53. India 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 54. Southeast Asia 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 55. Australia 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 56. South America 5GTSN Consumption Value Market Share byType (2019-2030)
- Figure 57. South America 5GTSN Consumption Value Market Share by Application (2019-2030)
- Figure 58. South America 5GTSN Consumption Value Market Share by Country (2019-2030)
- Figure 59. Brazil 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 60. Argentina 5GTSN Consumption Value (2019-2030) & (USD Million)
- Figure 61. Middle East & Africa 5GTSN Consumption Value Market Share byType

(2019-2030)

Figure 62. Middle East & Africa 5GTSN Consumption Value Market Share by Application (2019-2030)

Figure 63. Middle East & Africa 5GTSN Consumption Value Market Share by Country (2019-2030)

Figure 64. Turkey 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 65. Saudi Arabia 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 66. UAE 5GTSN Consumption Value (2019-2030) & (USD Million)

Figure 67. 5GTSN Market Drivers

Figure 68. 5GTSN Market Restraints

Figure 69. 5GTSN Market Trends

Figure 70. Porters Five Forces Analysis

Figure 71. 5GTSN Industrial Chain

Figure 72. Methodology

Figure 73. Research Process and Data Source

I would like to order

Product name: Global 5G TSN Market 2024 by Company, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G15544F735FAEN.html>

Price: US\$ 3,480.00 (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/G15544F735FAEN.html>