

# Global Private 5G Networks Market Growth (Status and Outlook) 2024-2030

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## Abstracts

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A private 5G network is a cellular network that comprises core network servers and cell sites to support connectivity and maximize WAN connection to mobile end points. In addition, it provides features, such as network slicing, low latency, high bandwidth, and more. Moreover, a private 5G network provides industries with high-performing networks and helps in operations of several technologies, such as automated guided vehicles (AGVs), drones, sensor technology, heavy machinery automation, robotics, and others.

The global Private 5G Networks market size is projected to grow from US\$ 3275 million in 2024 to US\$ 32180 million in 2030; it is expected to grow at a CAGR of 46.3% from 2024 to 2030.

LPI (LP Information)' newest research report, the "Private 5G Networks Industry Forecast" looks at past sales and reviews total world Private 5G Networks sales in 2022, providing a comprehensive analysis by region and market sector of projected Private 5G Networks sales for 2023 through 2029. With Private 5G Networks sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Private 5G Networks industry.

This Insight Report provides a comprehensive analysis of the global Private 5G Networks landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Private 5G Networks portfolios and capabilities, market entry strategies, market

positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Private 5G Networks market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Private 5G Networks and breaks down the forecast by Spectrum, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Private 5G Networks.

Global private 5G networks key players include China Mobile, Ericsson, Huawei, etc. Global top 3 manufacturers hold a share over 22%. Asia-Pacific is the largest market, with a share about 42%, followed by Europe and North America, with share 32% and 24, separately. In terms of application, the largest application is manufacturing, occupied for a share about 22 percent.

This report presents a comprehensive overview, market shares, and growth opportunities of Private 5G Networks market by product type, application, key players and key regions and countries.

#### Segmentation by Spectrum:

Sub-6 GHz

mmWave

#### Segmentation by Application:

Manufacturing

Energy, Utilities and Mining

Transportation & Logistics

Education and Hospitality

Government & Public Safety

Corporates & Enterprises

Healthcare

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Huawei

Ericsson

China Mobile

Nokia

China Unicom

China Telecom

Vodafone

Verizon

AT&T

NTT

Deutsche Telekom

Telefonica O2

ZTE

T-Mobile

NEC

Fujitsu

Samsung

Cisco

Qualcomm

Amazon Web Services (AWS)

HPE

Advantech

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