

Global 5G in Defense Market 2023-2029

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Abstracts

5G networks can support the quick and efficient transfer of information between military headquarters and troops in the field. With 5G, commanders can make real-time decisions based on reliable and up-to-date information. 5G networks allow remote monitoring and control of weapon systems, vehicles, and surveillance equipment. This means that military personnel can remain in a secure environment while still having access to the necessary equipment and data. According to the latest data, the market size of the global 5G in defense sector is expected to rise by USD 1,637.9 million with a CAGR of 49.46% by the end of 2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global 5G in defense market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the communication infrastructure, core network technology, network type, chipset, platform, and region. The global market for 5G in defense can be segmented by communication infrastructure: small cell, macro cell, radio access network. The small cell segment held the largest share of the global 5G in defense market in 2022 and is anticipated to hold its share during the forecast period. 5G in defense market is further segmented by core network technology: software-defined networking, mobile edge computing, fog computing, network functions virtualization. Globally, the mobile edge computing segment made up the largest share of the 5G in defense market. Based on network type, the 5G in defense market is segmented into: enhanced mobile broadband, ultra-reliable low-latency communications, massive machine type communications. The enhanced mobile broadband segment was the

largest contributor to the global 5G in defense market in 2022. On the basis of chipset, the 5G in defense market also can be divided into: application-specific integrated circuit (ASIC) chipset, radio frequency integrated circuit (RFIC) chipset, millimeter wave (mmWave) chipset. The application-specific integrated circuit (ASIC) chipset segment is estimated to account for the largest share of the global 5G in defense market. 5G in defense market by platform is categorized into: land, naval, airborne. The 5G in defense market by region can be segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

Market Segmentation

By communication infrastructure: small cell, macro cell, radio access network

By core network technology: software-defined networking, mobile edge computing, fog computing, network functions virtualization

By network type: enhanced mobile broadband, ultra-reliable low-latency communications, massive machine type communications

By chipset: application-specific integrated circuit (ASIC) chipset, radio frequency integrated circuit (RFIC) chipset, millimeter wave (mmWave) chipset

By platform: land, naval, airborne

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The global 5G in defense market report offers detailed information on several market vendors, including Thales S.A., Samsung Electronics Co., Ltd., L3Harris Technologies, Inc., Wind River Systems, Inc., Raytheon Technologies Corporation, Ligado Networks LLC, NEC Corporation, Nokia Corporation, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global 5G in defense market.

To classify and forecast the global 5G in defense market based on communication infrastructure, core network technology, network type, chipset, platform, region.

To identify drivers and challenges for the global 5G in defense market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global 5G in defense market.

To identify and analyze the profile of leading players operating in the global 5G in defense market.

Why Choose This Report

Gain a reliable outlook of the global 5G in defense market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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Contents

PART 1. INTRODUCTION

Report description
Objectives of the study
Market segment
Years considered for the report
Currency
Key target audience

PART 2. METHODOLOGY

PART 3. EXECUTIVE SUMMARY

PART 4. MARKET OVERVIEW

Introduction
Drivers
Restraints

PART 5. MARKET BREAKDOWN BY COMMUNICATION INFRASTRUCTURE

Small cell
Macro cell
Radio access network

PART 6. MARKET BREAKDOWN BY CORE NETWORK TECHNOLOGY

Software-defined networking
Mobile edge computing
Fog computing
Network functions virtualization

PART 7. MARKET BREAKDOWN BY NETWORK TYPE

Enhanced mobile broadband
Ultra-reliable low-latency communications
Massive machine type communications

PART 8. MARKET BREAKDOWN BY CHIPSET

Application-specific integrated circuit (ASIC) chipset
Radio frequency integrated circuit (RFIC) chipset
Millimeter wave (mmWave) chipset

PART 9. MARKET BREAKDOWN BY PLATFORM

Land
Naval
Airborne

PART 10. MARKET BREAKDOWN BY REGION

North America
Europe
Asia-Pacific
MEA (Middle East and Africa)
Latin America

PART 11. KEY COMPANIES

Thales S.A.
Samsung Electronics Co., Ltd.
L3Harris Technologies, Inc.
Wind River Systems, Inc.
Raytheon Technologies Corporation
Ligado Networks LLC
NEC Corporation
Nokia Corporation

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