

# Industrial 5G Network Slicing for Robotics Market Competitive Dynamics Across Key Players

*The Business Research Company's Industrial Fifth Generation (5G) Network Slicing For Robotics Market Report 2026 – Market Size, Trends, And Forecast 2026-2035*

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[/Einpresswire.com/](https://www.einpresswire.com/) -- "The [industrial 5G network slicing for robotics market](#)

is dominated by a mix of global telecommunications infrastructure providers and industrial automation technology companies. Companies are

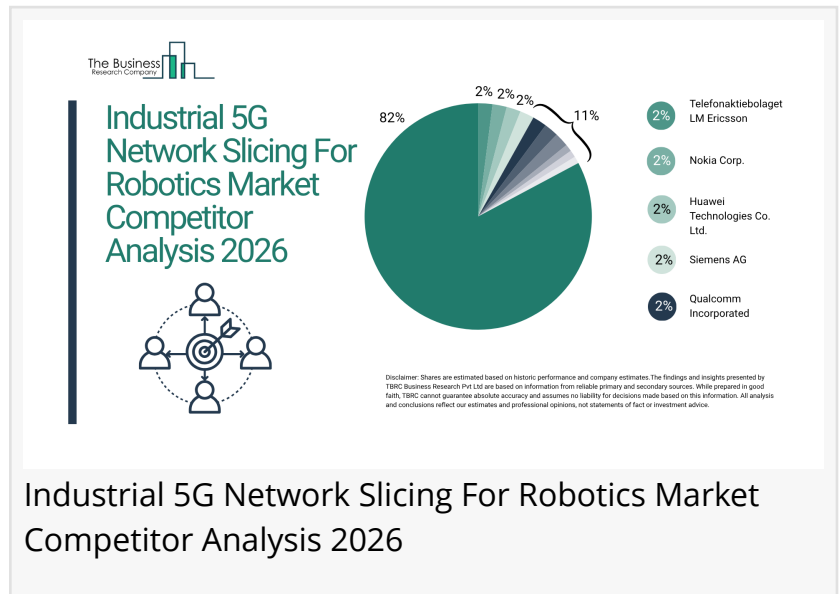
focusing on advanced network slicing capabilities, ultra-low latency communication frameworks, edge computing integration, private 5G deployments, and real-time data orchestration to strengthen market presence and support next-generation robotic automation. Emphasis on reliable connectivity, deterministic performance, network security, scalability across industrial environments, and seamless integration with robotics and control systems remains central to competitive positioning. Understanding the competitive landscape is essential for stakeholders seeking growth opportunities, technological innovation, and strategic partnerships within the rapidly evolving industrial automation and connected robotics ecosystem.

Which Market Player Is Leading The Industrial 5G Network Slicing for Robotics Market?

•According to our research, Telefonaktiebolaget LM Ericsson led global sales in 2024 with a 2% market share. The company's telecommunications infrastructure and network solutions division, which is directly involved in the Industrial 5G Network Slicing for Robotics market, provides a broad portfolio of 5G network slicing platforms, edge computing solutions, and private network architectures that support ultra-reliable low-latency communication, real-time robotic control, industrial automation, and seamless connectivity across smart manufacturing environments.

Who Are The Major Players In The Industrial 5G Network Slicing for Robotics Market?

Major companies operating in the industrial 5G network slicing for robotics market are



Industrial 5G Network Slicing For Robotics Market Competitor Analysis 2026

Telefonaktiebolaget LM Ericsson, Nokia Corp., Huawei Technologies Co. Ltd., Siemens AG, Qualcomm Incorporated, Cisco Systems Inc., Schneider Electric SE, ABB Ltd., Rockwell Automation Inc., Samsung Electronics Co. Ltd., NEC Corporation, ZTE Corporation, Intel Corporation, Deutsche Telekom AG, Vodafone Group Plc, Hitachi Ltd., International Business Machines Corporation, Advantech Co. Ltd., Fanuc Corp., Verizon Communications Inc.

How Concentrated Is The Industrial 5G Network Slicing for Robotics Market?

•The market is fairly fragmented, with the top 10 players accounting for 18% of total market revenue in 2024. This level of concentration reflects moderate technological and regulatory entry barriers, driven by the complexity of deploying private 5G networks, the need for ultra-low latency and high reliability in industrial robotics, evolving standards for network slicing, and integration requirements across heterogeneous industrial systems. Leading players such as Telefonaktiebolaget LM Ericsson, Nokia Corp., Huawei Technologies Co. Ltd., Siemens AG, Qualcomm Incorporated, Cisco Systems Inc., Schneider Electric SE, ABB Ltd., Rockwell Automation Inc., and Samsung Electronics Co. Ltd. hold notable market shares through diversified 5G and automation portfolios, strong enterprise partnerships, global deployment capabilities, and continuous innovation in edge computing and industrial connectivity solutions. As demand for smart manufacturing, autonomous robotics, and real-time industrial communication increases, product innovation, strategic collaborations, and expansion of private 5G ecosystems are expected to strengthen the competitive positioning of these leading companies in the market.

•Leading companies include:

- oTelefonaktiebolaget LM Ericsson (2%)
- oNokia Corp. (2%)
- oHuawei Technologies Co. Ltd. (2%)
- oSiemens AG (2%)
- oQualcomm Incorporated (2%)
- oCisco Systems Inc. (2%)
- oSchneider Electric SE (2%)
- oABB Ltd. (1%)
- oRockwell Automation Inc. (1%)
- oSamsung Electronics Co. Ltd. (1%)

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Who Are The Key Raw Material Suppliers In The Industrial 5G Network Slicing for Robotics Market?

•Major raw material suppliers in the industrial 5G network slicing for robotics market include NVIDIA Corporation, Advanced Micro Devices Inc., Broadcom Inc., Marvell Technology Inc., Texas Instruments Incorporated, Analog Devices Inc., Skyworks Solutions Inc., Qorvo Inc., Micron

Technology Inc., Seagate Technology Holdings plc, Western Digital Corporation, and Arista Networks Inc.

Who Are The Major Wholesalers Or Distributors In The Industrial 5G Network Slicing for Robotics Market?

•Major wholesalers or distributors in the industrial 5G network slicing for robotics market include Accenture plc, Capgemini SE, Cognizant Technology Solutions Corporation, Tata Consultancy Services Limited, Infosys Limited, Wipro Limited, HCL Technologies Limited, Tech Mahindra Limited, NTT DATA Corporation, DXC Technology Company, Fujitsu Limited, and Atos SE.

Who Are The Major End Users Of The Industrial 5G Network Slicing for Robotics Market?

•Major end users in the industrial 5G network slicing for robotics market include Toyota Motor Corporation, Volkswagen AG, General Motors Company, Ford Motor Company, BMW AG, Tesla Inc., Siemens Energy AG, Bosch Group, Amazon.com Inc., DHL Group, FedEx Corporation, and Foxconn Technology Group.

What Are The Major Competitive Trends In The Market?

•Dedicated and shared 5G slices are transforming the industrial 5G network slicing for robotics market by enabling low-latency connectivity, improving reliability, and supporting mission-critical robotic operations

•Example: In August 2025, Vodafone Germany launched Campus Flex, a 5G network slicing service offering both dedicated and shared slices for industrial applications

•Its bandwidth allocation, scalable deployment models, and deterministic performance enhance operational efficiency, reduce latency, and support reliable connectivity for robotics and automation systems

Which Strategies Are Companies Adopting To Stay Ahead?

•AI-Driven 5G RAN Enabling Low-Latency Robotics And Autonomous Systems

•Private 5G Slices Delivering Predictable Performance For Enterprise Automation

•Bandwidth-Isolated 5G Networks Supporting Industrial Automation And Robotics

•Isolated 5G Segments Providing Enterprise-Grade Security And Reliability

Access The Detailed Industrial 5G Network Slicing for Robotics Market Report Here

[https://www.thebusinessresearchcompany.com/report/industrial-fifth-generation-5g-network-slicing-for-robotics-market-report?utm\\_source=EINPresswire&utm\\_medium=Paid&utm\\_campaign=Apr\\_PR](https://www.thebusinessresearchcompany.com/report/industrial-fifth-generation-5g-network-slicing-for-robotics-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Apr_PR)

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