

# Mission-Critical Interconnect Solution Market - A Global and Regional Analysis: Focus on End User, Application, Components, Technology, and Country Analysis and Forecast, 2021-2026

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# **Abstracts**

Market Report Coverage - Mission-Critical Interconnect Solution Market

Market Segmentation

End User: Commercial & Industrial, Government & Defense

Application: Commercial Aviation, Military and Defense, Space, Medical

Technology, Industrial, and Others

Component: Printed Circuit Boards (PCBs) and Peripheral Component

Interconnects (PCIs)

Technology: Electrical, Optic Fiber, and Wireless

#### Regional Segmentation

North America: U.S. and Canada

Europe: France, Germany, Russia, U.K., and Rest-of-Europe

Asia-Pacific: China, Japan, India, Australia, Rest-of-Asia-Pacific



#### Rest-of-the-World

#### Market Growth Drivers

Growing Need of Reliable Technology for Mission-Critical Applications

Increase in Dependency on Interconnect Solutions that are Durable in Harsh Environments

Reducing Size, Weight, and Power (SWaP) of Electronic Components

## Market Challenges

Lower Adoption Rate of Mission-Critical Interconnect Solutions by Military Forces

Stringent Regulations Limiting the Growth in Space and Healthcare Applications

#### Market Opportunities

Advancements in the Field of Assemblies and Connectors

Growing Smart Cities Projects and Advent of Internet of Things (IoT)

Rapid Global Adoption of Electric Vehicles (EVs)

#### **Key Companies Profiled**

3M, AirBorn, Inc., Amphenol Corporation, Bel Fuse Inc., Carlisle Interconnect Technologies, Cleeve Technology International, Glenair, Interconnect Solutions Company, JST, kSARIA Corporation, Molex, MSA Components GmbH, NAI Group, LLC., Smiths Interconnect, TE Connectivity

How This Report Can Add Value



Product/Innovation Strategy: The product segment helps the reader in understanding the different types of electrical, optic fiber, and wireless technology mission-critical interconnect solutions and their market potential globally. Moreover, the study provides the reader a detailed understanding of mission-critical interconnect solutions with respect to application (i.e., commercial aviation, military and defense, space, medical technology, industrial, others) and end user. Additionally, comprehensive coverage on various key certifications of the companies has also been added to the study.

Key questions answered in the Report

Which region is expected to be leading the global mission-critical interconnect solution market by 2026?

What are the key developmental strategies implemented by the key players to sustain in this highly competitive market?

What are the futuristic trends in this market, and how is the market expected to change over the forecast period 2021-2026?

What are the key drivers and challenges faced by the companies that are currently working in the global mission-critical interconnect solution market?

What are the anticipated segments and applications that are expected to dominate the market share during the forecast period?

What are the opportunities for the companies to expand their businesses in the global mission-critical interconnect solution market?

What is the current and future revenue scenario of this market?

#### Global Mission-Critical Interconnect Solution

The global mission-critical interconnect solution market has been growing rapidly over the past few years with the help of rising demand for high-quality and reliable products that offer robust solutions in adverse environments. Major key companies are acquiring smaller and emerging companies to increase their operational regions in various applications.



#### Global Mission-Critical Interconnect Solution Industry Overview

The global mission-critical interconnect solution market is estimated to reach \$43,424.0 million in 2026, at a compound annual growth rate (CAGR) of 16.19% during the forecast period 2021-2026. The major driving factors for the huge revenues generated by the companies are the growing need for reliable technology for mission-critical applications and dependency on interconnect solutions that are durable in harsh environments.

Impact of COVID-19 on Global Mission-Critical Interconnect Solution

The COVID-19 pandemic has restricted the growth of the market as the companies have lowered their research and development funding to develop innovative solutions. The key players in the U.S. and Europe were affected the most during the first wave of the COVID-19 and had to impose strict lockdowns to ensure the safety of their employees. This has affected the manufacturing of interconnect products due to a lack of workforce and raw materials. Several companies have reported a significant drop in revenues due to the pandemic, and few companies had to close some of their warehouses to reduce costs. However, with the vaccination process being implemented, the market is expected to grow gradually.

Market Segmentation

Global Mission-Critical Interconnect Solution by Application

The industrial application includes various sub-segments such as automation, automotive, heavy equipment, rail, and others and is estimated to dominate the global mission-critical interconnect solution market due to the high penetration rate in various countries that use the interconnect solutions for smooth operations of the mission-critical applications.

Global Mission-Critical Interconnect Solution by Components

The connectors component is expected to be the front runner in the global mission-critical interconnect solution market mainly due to the wide range of product offerings that are being used in space, military, healthcare, industrial, commercial aviation, and other industries.

Global Mission-Critical Interconnect Solution by Region



North America is expected to account for the highest share of the global mission-critical interconnect solution to market, owing to a significant number of companies based in the region. The companies based in North America often supply international customers that are based in Latin America, Europe, Middle East, and Africa as well.

Key Market Players and Competition Synopsis

3M, AirBorn, Inc., Amphenol Corporation, Bel Fuse Inc., Carlisle Interconnect Technologies, Cleeve Technology International, Glenair, Interconnect Solutions Company, JST, kSARIA Corporation, Molex, MSA Components GmbH, NAI Group, LLC., Smiths Interconnect, TE Connectivity

The companies that are profiled in the report have been selected post undergoing indepth interviews with experts and understanding of the details around companies such as product portfolio, annual revenues, market penetration, research and development initiatives, key developments, and domestic and international presence in the mission-critical interconnect solution industry.



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