

Command and Control System Market Report and Forecast 2025-2034

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Report description:

The global command and control system market is expected to grow at a CAGR of about 4.70% in the forecast period of 2025-2034, driven by the rising geopolitical tensions between countries.

Asia Pacific to be a Significant Regional Market for Command-and-Control System

Asia Pacific is predicted to be the fastest-growing regional market due to escalating geopolitical conflicts and military spending on the next generation of communication operations. Geopolitical disputes in Asian countries, including India, China, and Pakistan, ongoing geopolitical conflicts in the South China Sea, and the multinational military procedures used by the armed forces are projected to drive demand for command-and-control systems since they improve military operations' efficiencies.

During the forecast period, the region is poised to register robust growth, offering significant investment and growth opportunities for providers and other participants across the command-and-control systems value chain. Factors such as the presence of a large defence sector in these countries and ongoing terror activities in the Asia Pacific region are expected to result in continued investments toward effective command and control systems. Several airborne, ground, space, and naval modernisation programmes are underway in India, China, Japan, and Korea. These countries are likely to invest heavily in command-and-control systems to improve communication between these platforms.

Based on Platform, The Land and Maritime Segment to Grow Significantly During the Forecast Period

Over the projected period, the maritime segment is expected to increase the most. Growing global naval development investments, increased international trade operations, and cargo ship usage in maritime trade contribute to the segment's rise. Higher combat efficiency, situational awareness, and effective planning and decision-making in mission-critical situations are advantages of technological improvements.

At present, the land-based command and control systems segment is expected to grow the fastest due to its high usage on the

battlefield. Due to various geopolitical issues and the growth of terrorist and hostile activities, the growing military operations around the world have increased the demand for building fixed base control centres and land-based command headquarters.

Market Segmentations

A command-and-control system is a set of facilities, equipment, communications, procedures, and hardware that are required to conduct military operations and activities. Formulating concepts, deploying forces, assigning resources, and supervising are all part of the job. It helps military organisations organise, direct, and control operations-assigned units while also improving individual performance. Humans, information, and the command-and-control system's support network, which includes software, hardware, and applications, are the system's main components.

Based on the solution, the market is divided into

- Software

- ??- Hardware

- ??- Services

The various platforms in the market are

- Airborne

- Maritime

- Land

- Space

By installation type, the market includes

- New Installation

- Upgradation

Based on the installation base, the market is segmented into

- Fixed Command Centre

- Deployable Command Centre

- The major applications of the market are:

- Government and Defence

- Commercial

The regional markets for the command-and-control system industry can be divided into

- North America

- Europe

- Asia Pacific

- Latin America

- Middle East and Africa

Rising Geopolitical Tensions Between Countries Propelling the Market Growth

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The rising geopolitical tensions between countries are escalating the need for situational awareness in military and law enforcement agencies. This represents one of the key factors escalating the demand for the command-and-control systems to keep track of combatant ships, aircraft, and weapons. It also involves earth-observation satellites used for communications, data collection and processing, and detection and warning. It can also conduct procedural and technical tasks, including coordinating supporting arms, air traffic control, and fire control weapons systems. For better operations, safety, security, and monitoring, the system is also used in airports, utilities, oil and gas installation plants, and research labs. Aside from that, the major companies are constantly improving and modernising command and control systems to meet the demands of the defence industry. This, combined with a considerable increase in military budgets in several countries, is expected to create lucrative market growth prospects. Moreover, extensive adoption of command-and-control systems to effectively manage mission-critical situations in the commercial sector and manufacturing, transportation, and other industries is predicted to drive the market over the forecast period. The rise in the usage of geospatial intelligence, the data breaches from the confidential governing bodies due to cybercrimes, and growing investment in the defence bodies and foreign intelligence platforms are some of the other leading factors for the growth of the command-and-control systems market globally.

Key Players in the Global Command and Control System Market

The report gives a detailed analysis of the following key players in the global command and control system industry, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- General Dynamics Mission Systems, Inc.
- Thales Group
- L3Harris Technologies, Inc.
- Saab AB
- Lockheed Martin Corporation
- BAE Systems
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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