

# **Command And Control Systems Market Size, Share & Trends Analysis Report By Platform (Airborne, Maritime, Land, Space), By Solution (Hardware, Software, Services), By Application (Defense, Commercial), By Region, And Segment Forecasts, 2024 - 2030**

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## **Abstracts**

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### **Command and Control Systems Market Growth & Trends**

The global command and control systems market size is expected to reach USD 61.09 billion by 2030, expanding at a CAGR of 6.8% from 2024 to 2030, according to a new report by Grand View Research, Inc. The growing significance of situational awareness in the military, coupled with the increasing need for security and surveillance in law enforcement activities, manufacturing industries, and utilities, is driving the market growth. Moreover, geopolitical conflicts across various parts of the world are stimulating the demand for command and control (C2) systems due to the technological competencies provided by them, thereby positively influencing the market.

Market growth is further driven by the rising demand for C2 technology in the defense and commercial sectors, owing to its ability to combine various disciplines and interconnect them to optimize operations. In the commercial sector, fixed command and control centers are used to monitor and manage vital infrastructure, industrial sites, ports, harbors, and private airports, increasing demand in this segment, and thereby favoring market expansion.

A significant rise in military budgets across various countries and the emergence of cutting-edge defense technologies are major factors expected to boost C2 systems' demand. For instance, in April 2024, the U.S. Marine Corps awarded a USD 25 million contract to BAE Systems plc in addition to the previous USD 181 million contract for Amphibious Combat Vehicles (ACVs). ACV-P is the first in a range of four variants to be delivered to the Marine Corps, and its additional variants are comprised of ACV Command and Control (ACV-C), which is currently in production. Such initiatives are creating significant growth opportunities for the C2 systems market.

Growing investments in naval development worldwide, along with increasing global trade activities and the use of cargo ships in maritime trade, contribute to market growth. For instance, in November 2023, the U.S. Department of Transportation's Maritime Administration announced allocating more than USD 653 million to fund 41 port improvement projects across the country as part of the Port Infrastructure Development Program (PIDP).

### Command And Control Systems Market Report Highlights

Based on platform, the maritime segment is estimated to register the highest CAGR from 2024 to 2030 owing to increasing marine trade, the need for safety and security of shipping operations, and growing investments in naval forces across various countries

Based on solution, the hardware segment accounted for the largest revenue share in 2023 owing to rising demand for robust hardware that enhances the functionality and effectiveness of C2 systems

Based on application, the defense segment dominated the market in 2023 as several governments are aggressively pursuing defense modernization initiatives amid rising security concerns and growing armed conflicts in different parts of the world

In February 2024, Northrop Grumman demonstrated a new software that receives, displays, and shares critical situational awareness data through handheld devices without connecting to a cloud server, protecting warfighters in support of Joint All-Domain Command and Control

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