

Global Network Centric Warfare (NCW) Market by Platform (Land, Air, Naval, Unmanned), Application (ISR, Communication, Computer, Cyber, Combat, Control & Command), Mission Type (Tactical, Strategic), Communication Network (Wireless, wired), Architecture (Hardware, software), Regional Forecasts 2021-2027

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Abstracts

Global Network Centric Warfare Market is valued approximately at USD 55.2 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 4.52% over the forecast period 2021-2027. Network centric warfare is about strategic spectrum domination, and easily become a part of modern warfare. It also includes fifth-generation warfare, which takes place in cyberspace and is aimed at preventing cyber-attacks and data breaches, as well as national security. Aeronautical, defence, and security organizations employ advanced technology in many locations around the world to identify existing and perceived threats. The use of electromagnetic energy in monitoring, controlling, decreasing, or blocking hostile usage of the electromagnetic spectrum, as well as the detection of an approaching missile's radar and the gathering of radio signals from an opponent, is known as network-centric warfare. The market is driven by huge R&D investments for technological advancements in defence operations and growing need for networking unmanned platforms. For instance, as per Observe research foundation, in 2019, the United States and India announced that they will collaborate on the development of swarm drones and anti-drone technologies as part of their Defense Technology Trade Initiative. The Indian military may benefit greatly from such equipment, especially while patrolling hostile locations such as the Aksai Chin. However, defence budget cuts by American and European countries may impede market growth over the forecast period of 2021-2027.

During the forecast period, the market in Asia-Pacific is expected to develop at the fastest CAGR. Rising demand for technologically advanced defence equipment in the information age, as well as an increase in networked UAVs used by emerging nations for border monitoring are driving the expansion of this market. Recent improvements in emerging countries' military expenditures for technologically sophisticated marine, land, and air defence systems, on the other hand, are projected to have a favourable impact on the market in the region.

Major market player included in this report are:

Northrop Grumman Corporation
Cisco Systems Inc.
Bae Systems PLC.
The Raytheon Company
General Dynamics Corporation
Thales Group
L-3 Communications Holdings, Inc
Harris Corporation
Lockheed Martin Corporation
Airbus Group N.V.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Platform:

Land-based
Naval-based
Air-based
Unmanned

By Mission type:

Tactical
Strategic

By Communication network:

Wireless

Wired

By Application:

ISR (intelligence, surveillance and reconnaissance)

Communications

Computers

Combat

Cyber

Command and Control

Electronic Warfare

By Architecture:

Hardware

Software

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Global Network Centric Warfare (NCW) Market by Platform (Land, Air, Naval, Unmanned), Application (ISR, Commun...

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Network Centric Warfare Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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