

# **Global Voice Communication Control System Market Size study & Forecast, by Component (Hardware, Software, Services), by Application (Air Traffic Control, Vessel Traffic Control, Disaster & Emergency Management, Others), by End-use (Commercial, Defense) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Voice Communication Control System Market is valued at approximately USD 3.62 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.5% over the forecast period 2022-2029. A Voice Communication Control System (VCCS) is an electronic device that enables and regulates voice communication between the pilot and ground-based air traffic controllers. This system is operated by a computer, which also provides efficient communication to enhance air traffic management operations. This system is made up of switching units for radio and telephone communications as well as operation controller units. Additionally, the voice communication control system has a user-friendly human-machine interface that enables phone conversations and radio recordings. The effective operation of air traffic management (ATM) depends on this ground-breaking system. Factors such as the increasing number of air travel, coupled with the surging demand for interoperable voice communication are the key factors that are propelling the market demand across the globe.

The increase in number of new airport projects in developing nations is further boosting the market growth in the worldwide market. The need for new commercial aircraft deliveries and airport buildings has increased due to a rise in air travel worldwide. India and China have large populations compared to other nations, which have witnessed a rapid increase in air travel. For instance, the Indian government announced plans to

build more airports in the area in 2020 to improve connectivity both locally and globally. They suggested building 100 brand-new domestic airports by 2024. This factor has contributed to a rise in the creation of modern ATM infrastructure. Advanced ATM systems facilitate smooth and effective air traffic control operations. Thereby, the rising investment in airport construction projects is fostering market demand at a substantial rate. Moreover, the rising development of new technologies, as well as the growing modernization of domestic and international airports are presenting various lucrative opportunities over the forecasting years. However, the imposition of safety norms and stringent airport system design standards are hindering the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Voice Communication Control System Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the growing investment by the Department of Defense (DoD) for modernization programs and the surge in the use of VCCS for air traffic control. Whereas, the Asia Pacific is also expected to grow with the highest CAGR during the forecast period, owing to factors such as the increasing development of new airports in emerging countries, geographic expansion of key players, and rising air passenger traffic in the market space.

Major market players included in this report are:

S.I.T.T.I. SpA

Rohde & Schwarz

Copperchase Ltd.

Thales Group

Indra Sistemas, S.A.

Saab AB

Morocom International Inc.

Frequentis AG

L3Harris Technologies, Inc.

Applied Electro Magnetics

Recent Developments in the Market:

In May 2022, The Qatar Civil Aviation Authority (QCAA) chose Frequentis AG to upgrade its voice communication system in order to improve air traffic control tower operations. Due to the 2022 FIFA World Cup being held in the nation, a major rise in air traffic demand necessitated this upgrade.

Global Voice Communication Control System Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Component, Application, End-use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Component:

Hardware

Software

Services

By Application:

Air Traffic Control

Vessel Traffic Control

Disaster & Emergency Management

Others

By End-use:

Commercial

Defense

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  
RoLA  
Rest of the World

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