

Impact of COVID-19 on Air Traffic Control (ATC) Market: Segmented:By Airspace (ARTCC, TRACON, ATCT, RT), By Application (Communication, Navigation, Surveillance, Automation), By Component (Hardware, Software, Services), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

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Abstracts

[176 + Pages Research Report] Impact of COVID-19 on Air Traffic Control (ATC) Market to surpass USD 16.3 billion by 2031 from USD 9.3 billion in 2021 at a CAGR of 5.7% in the coming years, i.e., 2021-31.

Product Overview

Air traffic control is an important service which is provided by ground-based air traffic controllers that helps the pilot to ensure the safety of aircraft in the take-off and landing operations. Air traffic control accelerates the flow of air traffic and guides the pilot of the various aircraft to avoid and prevent the collision by providing useful and supportive information to the pilots. Air traffic control also gives advisory services for the non-controlled airspace.

Market Highlights

Global Air Traffic Control (ATC) market is expected to project a notable CAGR of 5.7% in 2031.

The air traffic control market is expected to witness a steady rise due to an increase in tourism. In a hectic lifestyle, the passengers are choosing airplanes to reduce the traveling duration which is expected to drive the Air traffic control market shortly. The

demand for air traffic control systems is rising, to avoid and prevent collisions of planes.

Global Air Traffic Control (ATC): Segments

ATCT segment to grow with the highest CAGR during 2021-31

Global Air Traffic Control (ATC) market is classified based on Airspace into ARTCC, TRACON, ATCT, RT. ATCT segment accounted for the largest market share of the global Air Traffic Control (ATC) market owing to the widespread growing demand for a greater number of ATCT towers in several countries. The major factor contributing to the growth of this segment is that provides a safe and expeditious flow of air traffic on the premises of an airport.

Hardware segment to grow with the highest CAGR during 2021-31

Based on Component, the global Air Traffic Control (ATC) Market is fragmented into Hardware, Software, Services. The hardware segment grasps the largest market share because of its rising demand for communication, surveillance, and navigation systems to avoid collision and manage air traffic. The usage of new and advanced hardware in the airport, in turn, is expected to increase the product demand over the coming years.

Market Dynamics

Drivers

Increasing Air Passenger Traffic

Increasing disposable income and improvement in living standards of consumers are expected to accelerate the growth of the air traffic control industry. The rising air passenger traffic due to globalization is expected to surge over the forecast period. Furthermore, the need for enhanced airspace management systems and an increasing number of airports across the world is expected to create new growth opportunities for the market player during the forecast period.

Technological advancements and implementation of the latest systems

In developing countries, technological advancements such as advanced surface movement ground control systems, performance-based navigation, advanced integrated automation systems, and standard instrument departures is been quickly adopted in air traffic control systems is expected to accelerate the industry growth during the forecast

period. Additionally, the increasing adoption of satellite-based air traffic control systems is expected to create lucrative opportunities for the players operating in the global market during the review period.

Restraint

Fluctuating prices of raw materials

Cyber security is one of the major issues faced by airports. Cyber threats for air traffic management increased due to digitalization and advancement in technology are estimated to hamper the growth of Air traffic control. Furthermore, factors such as high initial cost, lack of infrastructure, and lack of skilled personnel restrain the growth of the industry considerably.

Global Air Traffic Control (ATC): Key Players

Adacel Technologies Limited

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Bae Systems

Frequentis Ag

Indra Sistemas Sa

Leonardo S.P.A

Northrop Grumman Corporation

Raytheon Technologies Corporation

Saab Ab

Skysoft-Atm

Thales Group

Other Prominent Players

Global Air Traffic Control (ATC): Regions

Global Air Traffic Control (ATC) market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, the Middle East, and Africa. Asia Pacific Digital Air Traffic Control (ATC) market is expected to see remarkable growth during the forecasted period. Advancement in technology is expected to create a huge demand for Air traffic control in the forecast period. Other factors underpinning growth in the Asia Pacific Air traffic control market include increasing air traffic and a rise in the number of air passengers.

Impact of Covid-19 on Air Traffic Control (ATC) Market

During pandemics, the construction of new airports across the world has been stopped. Due to rising cases of Covid-19 patients, different countries have closed their international and domestic flights and have stopped their air traffic control facilities. Different manufacturing activities are interrupted due to a limited supply of components.

Global Air Traffic Control (ATC) is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – the United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

the Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global Air Traffic Control (ATC) report also contains analysis on:

Air Traffic Control (ATC) Segments:

By Airspace

ARTIC

TRACTION

ACT

RT

By Application

Communication

Navigation

Surveillance

Automation

By Component

Hardware

Software

Services

Air Traffic Control (ATC) Dynamics

Air Traffic Control (ATC) Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Air Traffic Control (ATC) Market Report Scope and Segmentation

Report Attribute Details

The market size value in 2021 USD 9.3 billion

The revenue forecast in 2031 USD 16.3 billion

Growth Rate CAGR of 5.7% from 2021 to 2031

The base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered

Source Outlook, Application, Packaging, End-User and Region

Regional scope

North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Adacel Technologies Limited, Bae Systems, Frequentis Ag, Indra Sistemas Sa, Leonardo S.P.A, Northrop Grumman Corporation, Raytheon Technologies Corporation, Saab Ab, Skysoft-Atm, Thales Group, and Other Prominent Players

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****The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.**

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