

# **2020-2025 Global Air to Ground Communication Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)**

<https://marketpublishers.com/r/216253F8DFE3EN.html>

Date: August 2021

Pages: 131

Price: US\$ 3,360.00 (Single User License)

ID: 216253F8DFE3EN

## **Abstracts**

Air-to-ground communication is the means by which people on the ground and those in airborne vehicles communicate with each other. Since the Wright brothers' first flight in 1903 in Kitty Hawk North Carolina, there has always been a question of how to communicate with pilots in the air. Originally it was seen as a very difficult task: ground controls used visual aides to provide signals to pilots in the air. Next came the advent of portable radios small enough to be placed in planes, which for the first time offered pilots the ability to communicate back to the ground. Today air-to-ground communication relies heavily on the use of many systems. Planes are outfitted with the newest radio and GPS systems as well as internet and video capabilities.

This report elaborates the market size, market characteristics, and market growth of the Air to Ground Communication industry, and breaks down according to the type, application, and consumption area of Air to Ground Communication. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Air to Ground Communication in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Air to Ground Communication market covered in Chapter 13:

IACIT

Isavia

ACG Systems

## Nokia Networks

Jotron

Park Air Systems

Kathrein

In Chapter 6, on the basis of types, the Air to Ground Communication market from 2015 to 2025 is primarily split into:

Web Via Satellite (Ku Band)

Terrestrial Mobile Services 3G-4G

In Chapter 7, on the basis of applications, the Air to Ground Communication market from 2015 to 2025 covers:

Aviation Industry

Military

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India  
South Korea  
Southeast Asia  
Others  
Middle East and Africa (Covered in Chapter 11)  
Saudi Arabia  
UAE  
South Africa  
Others  
South America (Covered in Chapter 12)  
Brazil  
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

## Contents

### **1 AIR TO GROUND COMMUNICATION MARKET - RESEARCH SCOPE**

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

### **2 AIR TO GROUND COMMUNICATION MARKET - RESEARCH METHODOLOGY**

- 2.1 Methodology
- 2.2 Research Data Source
  - 2.2.1 Secondary Data
  - 2.2.2 Primary Data
  - 2.2.3 Market Size Estimation
  - 2.2.4 Legal Disclaimer

### **3 AIR TO GROUND COMMUNICATION MARKET FORCES**

- 3.1 Global Air to Ground Communication Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
  - 3.2.1 Political Factors
  - 3.2.2 Economic Factors
  - 3.2.3 Social Factors
  - 3.2.4 Technological Factors
  - 3.2.5 Environmental Factors
  - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
  - 3.4.1 Risk Assessment on COVID-19
  - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
  - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

### **4 AIR TO GROUND COMMUNICATION MARKET - BY GEOGRAPHY**

- 4.1 Global Air to Ground Communication Market Value and Market Share by Regions
  - 4.1.1 Global Air to Ground Communication Value (\$) by Region (2015-2020)

- 4.1.2 Global Air to Ground Communication Value Market Share by Regions (2015-2020)
- 4.2 Global Air to Ground Communication Market Production and Market Share by Major Countries
  - 4.2.1 Global Air to Ground Communication Production by Major Countries (2015-2020)
  - 4.2.2 Global Air to Ground Communication Production Market Share by Major Countries (2015-2020)
- 4.3 Global Air to Ground Communication Market Consumption and Market Share by Regions
  - 4.3.1 Global Air to Ground Communication Consumption by Regions (2015-2020)
  - 4.3.2 Global Air to Ground Communication Consumption Market Share by Regions (2015-2020)

## **5 AIR TO GROUND COMMUNICATION MARKET - BY TRADE STATISTICS**

- 5.1 Global Air to Ground Communication Export and Import
- 5.2 United States Air to Ground Communication Export and Import (2015-2020)
- 5.3 Europe Air to Ground Communication Export and Import (2015-2020)
- 5.4 China Air to Ground Communication Export and Import (2015-2020)
- 5.5 Japan Air to Ground Communication Export and Import (2015-2020)
- 5.6 India Air to Ground Communication Export and Import (2015-2020)
- 5.7 ...

## **6 AIR TO GROUND COMMUNICATION MARKET - BY TYPE**

- 6.1 Global Air to Ground Communication Production and Market Share by Types (2015-2020)
  - 6.1.1 Global Air to Ground Communication Production by Types (2015-2020)
  - 6.1.2 Global Air to Ground Communication Production Market Share by Types (2015-2020)
- 6.2 Global Air to Ground Communication Value and Market Share by Types (2015-2020)
  - 6.2.1 Global Air to Ground Communication Value by Types (2015-2020)
  - 6.2.2 Global Air to Ground Communication Value Market Share by Types (2015-2020)
- 6.3 Global Air to Ground Communication Production, Price and Growth Rate of Web Via Satellite (Ku Band) (2015-2020)
- 6.4 Global Air to Ground Communication Production, Price and Growth Rate of Terrestrial Mobile Services 3G-4G (2015-2020)

## **7 AIR TO GROUND COMMUNICATION MARKET - BY APPLICATION**

7.1 Global Air to Ground Communication Consumption and Market Share by Applications (2015-2020)

7.1.1 Global Air to Ground Communication Consumption by Applications (2015-2020)

7.1.2 Global Air to Ground Communication Consumption Market Share by Applications (2015-2020)

7.2 Global Air to Ground Communication Consumption and Growth Rate of Aviation Industry (2015-2020)

7.3 Global Air to Ground Communication Consumption and Growth Rate of Military (2015-2020)

## **8 NORTH AMERICA AIR TO GROUND COMMUNICATION MARKET**

8.1 North America Air to Ground Communication Market Size

8.2 United States Air to Ground Communication Market Size

8.3 Canada Air to Ground Communication Market Size

8.4 Mexico Air to Ground Communication Market Size

8.5 The Influence of COVID-19 on North America Market

## **9 EUROPE AIR TO GROUND COMMUNICATION MARKET ANALYSIS**

9.1 Europe Air to Ground Communication Market Size

9.2 Germany Air to Ground Communication Market Size

9.3 United Kingdom Air to Ground Communication Market Size

9.4 France Air to Ground Communication Market Size

9.5 Italy Air to Ground Communication Market Size

9.6 Spain Air to Ground Communication Market Size

9.7 The Influence of COVID-19 on Europe Market

## **10 ASIA-PACIFIC AIR TO GROUND COMMUNICATION MARKET ANALYSIS**

10.1 Asia-Pacific Air to Ground Communication Market Size

10.2 China Air to Ground Communication Market Size

10.3 Japan Air to Ground Communication Market Size

10.4 South Korea Air to Ground Communication Market Size

10.5 Southeast Asia Air to Ground Communication Market Size

10.6 India Air to Ground Communication Market Size

10.7 The Influence of COVID-19 on Asia Pacific Market

## **11 MIDDLE EAST AND AFRICA AIR TO GROUND COMMUNICATION MARKET ANALYSIS**

- 11.1 Middle East and Africa Air to Ground Communication Market Size
- 11.2 Saudi Arabia Air to Ground Communication Market Size
- 11.3 UAE Air to Ground Communication Market Size
- 11.4 South Africa Air to Ground Communication Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

## **12 SOUTH AMERICA AIR TO GROUND COMMUNICATION MARKET ANALYSIS**

- 12.1 South America Air to Ground Communication Market Size
- 12.2 Brazil Air to Ground Communication Market Size
- 12.3 The Influence of COVID-19 on South America Market

## **13 COMPANY PROFILES**

### 13.1 IACIT

- 13.1.1 IACIT Basic Information
- 13.1.2 IACIT Product Profiles, Application and Specification
- 13.1.3 IACIT Air to Ground Communication Market Performance (2015-2020)

### 13.2 Isavia

- 13.2.1 Isavia Basic Information
- 13.2.2 Isavia Product Profiles, Application and Specification
- 13.2.3 Isavia Air to Ground Communication Market Performance (2015-2020)

### 13.3 ACG Systems

- 13.3.1 ACG Systems Basic Information
- 13.3.2 ACG Systems Product Profiles, Application and Specification
- 13.3.3 ACG Systems Air to Ground Communication Market Performance (2015-2020)

### 13.4 Nokia Networks

- 13.4.1 Nokia Networks Basic Information
- 13.4.2 Nokia Networks Product Profiles, Application and Specification
- 13.4.3 Nokia Networks Air to Ground Communication Market Performance (2015-2020)

### 13.5 Jotron

- 13.5.1 Jotron Basic Information
- 13.5.2 Jotron Product Profiles, Application and Specification
- 13.5.3 Jotron Air to Ground Communication Market Performance (2015-2020)

## 13.6 Park Air Systems

13.6.1 Park Air Systems Basic Information

13.6.2 Park Air Systems Product Profiles, Application and Specification

13.6.3 Park Air Systems Air to Ground Communication Market Performance  
(2015-2020)

## 13.7 Kathrein

13.7.1 Kathrein Basic Information

13.7.2 Kathrein Product Profiles, Application and Specification

13.7.3 Kathrein Air to Ground Communication Market Performance (2015-2020)

## **14 MARKET FORECAST - BY REGIONS**

14.1 North America Air to Ground Communication Market Forecast (2020-2025)

14.2 Europe Air to Ground Communication Market Forecast (2020-2025)

14.3 Asia-Pacific Air to Ground Communication Market Forecast (2020-2025)

14.4 Middle East and Africa Air to Ground Communication Market Forecast (2020-2025)

14.5 South America Air to Ground Communication Market Forecast (2020-2025)

## **15 MARKET FORECAST - BY TYPE AND APPLICATIONS**

15.1 Global Air to Ground Communication Market Forecast by Types (2020-2025)

15.1.1 Global Air to Ground Communication Market Forecast Production and Market Share by Types (2020-2025)

15.1.2 Global Air to Ground Communication Market Forecast Value and Market Share by Types (2020-2025)

15.2 Global Air to Ground Communication Market Forecast by Applications (2020-2025)



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Air to Ground Communication Picture

Table Air to Ground Communication Key Market Segments

Figure Study and Forecasting Years

Figure Global Air to Ground Communication Market Size and Growth Rate 2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Air to Ground Communication Value (\$) and Growth Rate (2015-2020)

Table Global Air to Ground Communication Value (\$) by Countries (2015-2020)

Table Global Air to Ground Communication Value Market Share by Regions (2015-2020)

Figure Global Air to Ground Communication Value Market Share by Regions in 2019

Figure Global Air to Ground Communication Production and Growth Rate (2015-2020)

Table Global Air to Ground Communication Production by Major Countries (2015-2020)

Table Global Air to Ground Communication Production Market Share by Major Countries (2015-2020)

Figure Global Air to Ground Communication Production Market Share by Regions in 2019

Figure Global Air to Ground Communication Consumption and Growth Rate (2015-2020)

Table Global Air to Ground Communication Consumption by Regions (2015-2020)

Table Global Air to Ground Communication Consumption Market Share by Regions (2015-2020)

Figure Global Air to Ground Communication Consumption Market Share by Regions in 2019

Table Global Air to Ground Communication Export Top 3 Country 2019

Table Global Air to Ground Communication Import Top 3 Country 2019

Table United States Air to Ground Communication Export and Import (2015-2020)

Table Europe Air to Ground Communication Export and Import (2015-2020)

Table China Air to Ground Communication Export and Import (2015-2020)

Table Japan Air to Ground Communication Export and Import (2015-2020)

Table India Air to Ground Communication Export and Import (2015-2020)

Table Global Air to Ground Communication Production by Types (2015-2020)

Table Global Air to Ground Communication Production Market Share by Types (2015-2020)

Figure Global Air to Ground Communication Production Share by Type (2015-2020)  
Table Global Air to Ground Communication Value by Types (2015-2020)  
Table Global Air to Ground Communication Value Market Share by Types (2015-2020)  
Figure Global Air to Ground Communication Value Share by Type (2015-2020)  
Figure Global Web Via Satellite (Ku Band) Production and Growth Rate (2015-2020)  
Figure Global Web Via Satellite (Ku Band) Price (2015-2020)  
Figure Global Terrestrial Mobile Services 3G-4G Production and Growth Rate (2015-2020)  
Figure Global Terrestrial Mobile Services 3G-4G Price (2015-2020)  
Table Global Air to Ground Communication Consumption by Applications (2015-2020)  
Table Global Air to Ground Communication Consumption Market Share by Applications (2015-2020)  
Figure Global Air to Ground Communication Consumption Share by Application (2015-2020)  
Figure Global Aviation Industry Consumption and Growth Rate (2015-2020)  
Figure Global Military Consumption and Growth Rate (2015-2020)  
Figure North America Air to Ground Communication Market Consumption and Growth Rate (2015-2020)  
Table North America Air to Ground Communication Consumption by Countries (2015-2020)  
Table North America Air to Ground Communication Consumption Market Share by Countries (2015-2020)  
Figure North America Air to Ground Communication Consumption Market Share by Countries (2015-2020)  
Figure United States Air to Ground Communication Market Consumption and Growth Rate (2015-2020)  
Figure Canada Air to Ground Communication Market Consumption and Growth Rate (2015-2020)  
Figure Mexico Air to Ground Communication Market Consumption and Growth Rate (2015-2020)  
Figure North America COVID-19 Status  
Figure Europe Air to Ground Communication Market Consumption and Growth Rate (2015-2020)  
Table Europe Air to Ground Communication Consumption by Countries (2015-2020)  
Table Europe Air to Ground Communication Consumption Market Share by Countries (2015-2020)  
Figure Europe Air to Ground Communication Consumption Market Share by Countries (2015-2020)  
Figure Germany Air to Ground Communication Market Consumption and Growth Rate

(2015-2020)

Figure United Kingdom Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure France Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure Italy Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure Spain Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific Air to Ground Communication Consumption by Countries (2015-2020)

Table Asia-Pacific Air to Ground Communication Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific Air to Ground Communication Consumption Market Share by Countries (2015-2020)

Figure China Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure Japan Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure South Korea Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure India Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa Air to Ground Communication Consumption by Countries (2015-2020)

Table Middle East and Africa Air to Ground Communication Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa Air to Ground Communication Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure UAE Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure South Africa Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Figure South America Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Table South America Air to Ground Communication Consumption by Countries (2015-2020)

Table South America Air to Ground Communication Consumption Market Share by Countries (2015-2020)

Figure South America Air to Ground Communication Consumption Market Share by Countries (2015-2020)

Figure Brazil Air to Ground Communication Market Consumption and Growth Rate (2015-2020)

Table IACIT Company Profile

Table IACIT Production, Value, Price, Gross Margin 2015-2020

Figure IACIT Production and Growth Rate

Figure IACIT Value (\$) Market Share 2015-2020

Table Isavia Company Profile

Table Isavia Production, Value, Price, Gross Margin 2015-2020

Figure Isavia Production and Growth Rate

Figure Isavia Value (\$) Market Share 2015-2020

Table ACG Systems Company Profile

Table ACG Systems Production, Value, Price, Gross Margin 2015-2020

Figure ACG Systems Production and Growth Rate

Figure ACG Systems Value (\$) Market Share 2015-2020

Table Nokia Networks Company Profile

Table Nokia Networks Production, Value, Price, Gross Margin 2015-2020

Figure Nokia Networks Production and Growth Rate

Figure Nokia Networks Value (\$) Market Share 2015-2020

Table Jotron Company Profile

Table Jotron Production, Value, Price, Gross Margin 2015-2020

Figure Jotron Production and Growth Rate

Figure Jotron Value (\$) Market Share 2015-2020

Table Park Air Systems Company Profile

Table Park Air Systems Production, Value, Price, Gross Margin 2015-2020

Figure Park Air Systems Production and Growth Rate

Figure Park Air Systems Value (\$) Market Share 2015-2020

Table Kathrein Company Profile

Table Kathrein Production, Value, Price, Gross Margin 2015-2020

Figure Kathrein Production and Growth Rate

Figure Kathrein Value (\$) Market Share 2015-2020

Figure North America Market Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)

Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)

Figure South America Market Consumption and Growth Rate Forecast (2020-2025)

Table Global Air to Ground Communication Market Forecast Production by Types (2020-2025)

Table Global Air to Ground Communication Market Forecast Production Share by Types (2020-2025)

Table Global Air to Ground Communication Market Forecast Value (\$) by Types (2020-2025)

Table Global Air to Ground Communication Market Forecast Value Share by Types (2020-2025)

Table Global Air to Ground Communication Market Forecast Consumption by Applications (2020-2025)

Table Global Air to Ground Communication Market Forecast Consumption Share by Applications (2020-2025)

## I would like to order

Product name: 2020-2025 Global Air to Ground Communication Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/216253F8DFE3EN.html>

Price: US\$ 3,360.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/216253F8DFE3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

