

# Asia Pacific Connected Aircraft Market – Drivers, Restraints, Opportunities, Trends, and Forecasts to 2023

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## Abstracts

Asia Pacific Connected Aircraft Market – Drivers, Restraints, Opportunities, Trends, and Forecasts to 2023

**Brief:** Connected aircraft refers to the integration of aircraft IT networks with ground systems to establish connectivity between the aircraft assets, passengers, flight crew, maintenance crew, and operators. Globally, there is a huge demand for broadband and satellite-based connectivity as these connectivity technologies are offering a lot of connecting options to the aircraft operators. The Asia Pacific in-flight Wi-Fi market is growing at a rapid pace, as the passengers, flight crew members, and others are demanding onboard Wi-Fi connectivity.

**Product Analysis:** System content providers offer a variety of passenger entertainment services such as audio and video services-preloaded, on-demand audio and video services, and games. The in-flight connectivity services are changing the experience of the passengers and allows the airline operators to optimize their operations. The connectivity technology allows the airline operators to provide better connectivity to the passengers, the cabin crew, the cockpit crew, and the maintenance crew.

**Market Analysis:** According to Infoholic Research, it is estimated that the Asia Pacific Connected Aircraft Market will witness a CAGR of 19.5% during the forecast period 2017–2023. The market is analyzed based on connectivity technologies, services, entertainment systems, and countries.

**Technology Analysis:** Currently, the aircraft are coming up with e-enablement that allows the aircraft operators to increase their operational efficiency by capturing data

and provides better transferability of the data. The connected aircraft are enabled with satellite communications and reporting systems (ACARS) and aircraft condition monitoring systems (ACMS), which allow the aircraft to send various types of messages about fuel level and engine performance. The major connectivity technologies covered in the report are swift broadband, air to ground (ATG), ATG-4, Ku-band, Ka-band, ground to orbit, and 2ku, while the ground to orbit will hold a huge market share with a revenue of \$275.8 million by 2023.

Connected aircraft have brought a huge demand for in-flight entertainment systems that offer entertainment to the passengers as they can surf the Internet, play games, listen to music, and watch a movie. Further, the passengers can make calls and send messages by using the connectivity services provided by the aircraft. Currently, most of the aircraft operators are hugely investing in connectivity technologies such as real-time monitoring systems, electronic flight bag (EFB), and communication systems. The major entertainment systems covered in the report are embedded in-flight entertainment systems, portable in-flight entertainment systems, and BYOD, while BYOD is expected to hold a huge market share with a revenue of \$967.4 million by 2023.

**Country Analysis:** China is set to be the leading market followed by India. Singapore is set to be an attractive emerging market for key stakeholders in the next 5–6 years. The airline operators are hugely spending in connected technologies such as satellite communications, Wi-Fi connectivity, and wireless devices. This has enabled them to utilize the data generated by operations, such as weather information, maintenance, fuel efficiency level, and engine performance, which are collected by the connected solutions. The major countries covered are China, India, Japan, Singapore, ANZ, South Korea, Malaysia, Indonesia, Vietnam, Thailand, and Others.

**Key Players:** Some of the key players included in the report are Honeywell Aerospace, Rockwell Collins, Panasonic Avionics Corporation, Global Eagle, Gogo LLC, and Others.

**Competitive Analysis:** Most of the in-flight connectivity providers and entertainment system providers are expanding their operations by investing majorly in the developed and developing countries in Asia Pacific.

**Benefits:** Wireless connectivity allows the connected aircraft players to monitor the breaking systems, fight-to-flight connectivity, weather condition, and reduce the maintenance cost. It enables the airline operators to provide advanced Wi-Fi broadband connectivity, which helps them to provide a better flying experience to the passengers

and increase their market. Several IT vendors are planning to widen their product and services portfolio by offering huge applications, software, broadband and management services. This will help them increase their market share in Asia Pacific, thereby resulting in upgradation of connectivity systems by the airline operators.

The study covers and analyzes the Asia Pacific connected aircraft market. Bringing out the complete key insights of the industry, the report aims to provide an opportunity for players to understand the latest trends, current market scenario, government initiatives, and technologies related to the market. In addition, it helps the venture capitalists in understanding the companies better and take informed decisions.

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## Contents

### 1 INDUSTRY OUTLOOK

- 1.1 Industry Overview
- 1.2 Industry Trends
- 1.3 Pest Analysis

### 2 REPORT OUTLINE

- 2.1 Report Scope
- 2.2 Report Summary
- 2.3 Research Methodology
- 2.4 Report Assumptions

### 3 MARKET SNAPSHOT

- 3.1 Total Addressable Market (TAM)
- 3.2 Segmented Addressable Market (SAM)
- 3.3 Related Markets
  - 3.3.1 Smart Cities
  - 3.3.2 Wearable Devices
  - 3.3.3 In-Flight Retail Market
  - 3.3.4 Connected Car Market

### 4 MARKET OUTLOOK

- 4.1 Overview
- 4.2 Market Trends
- 4.3 Porter 5 (Five) Forces
- 4.4 Market Segmentation

### 5 MARKET CHARACTERISTICS

- 5.1 Evolution
- 5.2 Ecosystem
- 5.3 Market Dynamics
  - 5.3.1 Drivers
    - 5.3.1.1 Increase in number of connected commercial aircraft

- 5.3.1.2 Huge demand for connectivity systems, software, satellite communications, and on board wi-Fi connectivity
- 5.3.1.3 Raising demand for the in-flight entertainment and onboard devices
- 5.3.2 Restraints
  - 5.3.2.1 Data security and privacy issues
  - 5.3.2.2 Huge Expectations from the customers
  - 5.3.2.3 Involves high installation costs
- 5.3.3 Opportunities
  - 5.3.3.1 Huge opportunities for the security service providers
  - 5.3.3.2 Increase in opportunities for the communication technology providers
  - 5.3.3.3 Big market for content providers & developers
- 5.3.4 DRO – Impact Analysis

## **6 SERVICES: MARKET SIZE & ANALYSIS**

- 6.1 Overview
  - 6.1.1 Market Size and Analysis
- 6.2 Passenger Entertainment services
  - 6.2.1 Audio & Video Services
    - 6.2.1.1 Preloaded Audio & Video Services
    - 6.2.1.2 On-Demand Audio & Video Services
  - 6.2.2 Games
- 6.3 Passenger Connectivity Services
  - 6.3.1 On-board Wi-Fi
  - 6.3.2 On-board E-Commerce
  - 6.3.3 Voice Services
- 6.4 e-Business Services
  - 6.4.1 Email
  - 6.4.2 Skype Calls
  - 6.4.3 On-board Conferencing
  - 6.4.4 Social Media
  - 6.4.5 In-flight Mobile Text Messaging
- 6.5 Infotainment Services
  - 6.5.1 Pre-flight Safety Video Demonstration
  - 6.5.2 Live Plane Location Detector Maps
  - 6.5.3 Live TV
  - 6.5.4 E-Magazines
- 6.6 On-board Emergency Services
  - 6.6.1 Healthcare Services

## 6.6.2 Safety Alerts

## **7 CONNECTIVITY TECHNOLOGIES: MARKET SIZE AND ANALYSIS**

### 7.1 Overview

#### 7.1.1 Market Size and Analysis

### 7.2 Swift Broadband

### 7.3 Air to Ground (ATG)

### 7.4 ATG-4

### 7.5 Ku band

### 7.6 Ka band

### 7.7 Ground to Orbit (GTO)

### 7.8 2ku

## **8 ENTERTAINMENT SYSTEMS: MARKET SIZE AND ANALYSIS**

### 8.1 Overview

### 8.2 Embedded In-Flight Entertainment Systems

#### 8.2.1 Traditional Seat Display Units (SDU)

#### 8.2.2 Smart SDU

### 8.3 Portable In-Flight Entertainment Systems

#### 8.3.1 By Devices

##### 8.3.1.1 Tablets

##### 8.3.1.2 Phablets and Notebooks

#### 8.3.2 By Operating Systems

##### 8.3.2.1 Android

##### 8.3.2.2 iOS

### 8.4 Bring Your Own Device (BYOD)

#### 8.4.1 By Device

##### 8.4.1.1 Smartphones and Tablets

##### 8.4.1.2 Laptops and Notebooks

#### 8.4.2 By Operating Systems

##### 8.4.2.1 Android and iOS

## **9 COUNTRIES: MARKET SIZE AND ANALYSIS**

### 9.1 Overview

#### 9.1.1 Market Size and Analysis

### 9.2 China



- 9.3 India
- 9.4 Japan
- 9.5 Singapore
- 9.6 ANZ
- 9.7 Malaysia
- 9.8 Indonesia
- 9.9 Vietnam
- 9.10 Thailand
- 9.11 South Korea

## **10 VENDOR PROFILES**

- 10.1 Rockwell Collins
  - 10.1.1 Overview
  - 10.1.2 Business Units
  - 10.1.3 Geographic Presence
  - 10.1.4 Business Focus
  - 10.1.5 SWOT Analysis
  - 10.1.6 Business Strategies
- 10.2 Honeywell Aerospace
  - 10.2.1 Overview
  - 10.2.2 Business Units
  - 10.2.3 Geographic Presence
  - 10.2.4 Business Focus
  - 10.2.5 SWOT Analysis
  - 10.2.6 Business Strategies
- 10.3 Gogo LLC.
  - 10.3.1 Overview
  - 10.3.2 Business Units
  - 10.3.3 Geographic Presence
  - 10.3.4 Business Focus
  - 10.3.5 SWOT Analysis
  - 10.3.6 Business Strategies
- 10.4 ViaSat
  - 10.4.1 Overview
  - 10.4.2 Business Units
  - 10.4.3 Geographic Presence
  - 10.4.4 Business Focus
  - 10.4.5 SWOT Analysis

- 10.4.6 Business Strategies
- 10.5 Global Eagle
  - 10.5.1 Overview
  - 10.5.2 Business Units
  - 10.5.3 Geographic Presence
  - 10.5.4 Business Focus
  - 10.5.5 SWOT Analysis
  - 10.5.6 Business Strategies
- 10.6 Eros International Media Limited
  - 10.6.1 Overview
  - 10.6.2 Business Units
  - 10.6.3 Geographic Presence
  - 10.6.4 Business Focus
  - 10.6.5 SWOT Analysis
  - 10.6.6 Business Strategies
- 10.7 Panasonic Avionics Corporation
  - 10.7.1 Overview
  - 10.7.2 Business Units
  - 10.7.3 Business Focus
  - 10.7.4 SWOT Analysis
  - 10.7.5 Business Strategies

## **11 GLOBAL GENERALIST**

- 11.1 IBM Corporation
  - 11.1.1 Overview
  - 11.1.2 Key Offerings
  - 11.1.3 IBM in Connected Aircraft Market
- 11.2 Microsoft Corp.
  - 11.2.1 Overview
  - 11.2.2 Microsoft Corp. Market
  - 11.2.3 Key Offerings
  - 11.2.4 Microsoft Corp. in Asia Pacific Connected Aircraft Market
- 11.3 Apple Inc.
  - 11.3.1 Overview
  - 11.3.2 Key Offering
  - 11.3.3 Apple Inc. in Asia Pacific Connected Aircraft Market
- 11.4 Google
  - 11.4.1 Overview

11.4.2 Key Offerings

11.4.3 Google in Asia Pacific Connected Aircraft Market

11.5 Amazon.com, Inc.

11.5.1 Overview

11.5.2 Key Offerings

11.5.3 Amazon in Asia Pacific Connected Aircraft Market

Annexure

Abbreviations

## List Of Tables

### LIST OF TABLES

Table 1 ASIA PACIFIC CONNECTED AIRCRAFT MARKET REVENUE BY SEGMENTS, 2017–2023 (\$MILLION)

Table 2 ASIA PACIFIC CONNECTED AIRCRAFT MARKET GROWTH BY SEGMENTS, 2017–2023, Y-O-Y (%)

Table 3 ASIA PACIFIC CONNECTED AIRCRAFT MARKET REVENUE BY SERVICES, 2017–2023 (\$MILLION)

Table 4 ASIA PACIFIC CONNECTED AIRCRAFT MARKET GROWTH BY SERVICES, 2017–2023, Y-O-Y (%)

Table 5 ASIA PACIFIC CONNECTED AIRCRAFT MARKET REVENUE BY CONNECTIVITY TECHNOLOGIES, 2017–2023 (\$MILLION)

Table 6 ASIA PACIFIC CONNECTED AIRCRAFT MARKET GROWTH BY CONNECTIVITY TECHNOLOGIES, 2017–2023, Y-O-Y (%)

Table 7 ASIA PACIFIC CONNECTED AIRCRAFT MARKET REVENUE BY ENTERTAINMENT SYSTEMS, 2017–2023 (\$MILLION)

Table 8 ASIA PACIFIC CONNECTED AIRCRAFT MARKET GROWTH BY ENTERTAINMENT SYSTEMS, 2017–2023, Y-O-Y (%)

Table 9 ASIA PACIFIC CONNECTED AIRCRAFT MARKET REVENUE BY COUNTRIES, 2017–2023 (\$MILLION)

Table 10 ASIA PACIFIC CONNECTED AIRCRAFT MARKET GROWTH BY CONNECTIVITY TECHNOLOGIES, 2017–2023, Y-O-Y (%)

## List Of Charts

### LIST OF CHARTS

Chart 1 PEST ANALYSIS OF ASIA-PACIFIC CONNECTED AIRCRAFT MARKET

Chart 2 RESEARCH METHODOLOGY OF ASIA PACIFIC CONNECTED AIRCRAFT MARKET

Chart 3 ASIA PACIFIC CONNECTED AIRCRAFT MARKET BY REVENUE, 2017–2023 (\$MILLION)

Chart 4 PORTERS 5 FORCES ON ASIA PACIFIC CONNECTED AIRCRAFT MARKET

Chart 5 ASIA PACIFIC CONNECTED AIRCRAFT MARKET SEGMENTATION

Chart 6 ECOSYSTEM OF CONNECTED AIRCRAFT MARKET

Chart 7 MARKET DYNAMICS – DRIVERS, RESTRAINTS & OPPORTUNITIES

Chart 8 DRO - IMPACT ANALYSIS OF ASIA PACIFIC CONNECTED AIRCRAFT MARKET

Chart 9 WORKING OF IN-FLIGHT CONNECTIVITY ARCHITECTURE

Chart 10 SWIFT BROADBAND ARCHITECTURE

Chart 11 SWIFT BROADBAND CLASSIFICATION

Chart 12 FEATURES OF SWIFTBROADBAND

Chart 13 ATG ARCHITECTURE

Chart 14 WORLDS FIRST LTE AIR TO GROUND SOLUTION

Chart 15 FEATURES OF ATG

Chart 16 ATG4 SYSTEM INSTALLATION IN AIRCRAFT

Chart 17 ATG4 BLOCK DIAGRAM

Chart 18 FEATURES OF ATG4

Chart 19 KU BAND INSTALLATION IN AIRCRAFT

Chart 20 KU BAND ARCHITECTURE

Chart 21 FEATURES OF KU BAND

Chart 22 KA BAND INSTALLATION IN AIRCRAFT

Chart 23 FEATURES OF KA BAND

Chart 24 GTO BLOCK DIAGRAM

Chart 25 FEATURES OF GTO

Chart 26 2KU BLOCK DIAGRAM

Chart 27 EVOLUTION OF IFE SYSTEMS

Chart 28 BENEFITS OF LATEST SEAT CENTRIC SYSTEM

Chart 29 TRADITIONAL SDUS

Chart 30 FEATURES OF SMART SDU

Chart 31 SMART SDU

Chart 32 FEATURES OF TABLETS

Chart 33 BENEFITS OF PHABLETS

Chart 34 BENEFITS OF NOTEBOOKS

Chart 35 PORTable INFLIGHT ENTERTAINMENT SYSTEMS

Chart 36 BENEFITS TO THE CUSTOMERS AND AIRLINES

Chart 37 BENEFITS OF SMARTPHONES

Chart 38 BENEFITS OF TABLETS

Chart 39 BENEFITS OF LAPTOPS AND NOTEBOOKS

Chart 40 BRING YOUR OWN DEVICES

Chart 41 CHINA CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 42 INDIA CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 43 JAPAN CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 44 SINGAPORE CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 45 ANZ CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023 (\$MILLION)

Chart 46 MALAYSIA CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 47 INDONESIA CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 48 VIETNAM CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 49 THAILAND CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 50 SOUTH KOREA CONNECTED AIRCRAFT MARKET REVENUE, 2017–2023  
(\$MILLION)

Chart 51 ROCKWELL COLLINS: OVERVIEW SNAPSHOT

Chart 52 ROCKWELL COLLINS: BUSINESS UNITS

Chart 53 ROCKWELL COLLINS: GEOGRAPHICAL REVENUE

Chart 54 ROCKWELL COLLINS: SWOT ANALYSIS

Chart 55 HONEYWELL AEROSPACE: OVERVIEW SNAPSHOT

Chart 56 HONEYWELL AEROSPACE: BUSINESS UNITS

Chart 57 HONEYWELL AEROSPACE: GEOGRAPHICAL REVENUE

Chart 58 HONEYWELL AEROSPACE: SWOT ANALYSIS

Chart 59 GOGO LLC: OVERVIEW SNAPSHOT

Chart 60 GOGO LLC: BUSINESS UNITS

Chart 61 GOGO LLC: GEOGRAPHICAL REVENUE

Chart 62 GOGO LLC: SWOT ANALYSIS

Chart 63 VIASAT: OVERVIEW SNAPSHOT

Chart 64 VIASAT: BUSINESS UNITS

Chart 65 VIASAT: GEOGRAPHICAL REVENUE

Chart 66 VIASAT: SWOT ANALYSIS

Chart 67 GLOBAL EAGLE: OVERVIEW SNAPSHOT

Chart 68 GLOBAL EAGLE: BUSINESS UNITS

Chart 69 GLOBAL EAGLE: GEOGRAPHICAL REVENUE

Chart 70 GLOBAL EAGLE: SWOT ANALYSIS

Chart 71 EROS INTERNATIONAL MEDIA LIMITED: OVERVIEW SNAPSHOT

Chart 72 EROS INTERNATIONAL MEDIA LIMITED: BUSINESS UNITS

Chart 73 EROS INTERNATIONAL MEDIA LIMITED: GEOGRAPHICAL REVENUE

Chart 74 EROS INTERNATIONAL MEDIA LIMITED: SWOT ANALYSIS

Chart 75 PANASONIC AVIONICS CORPORATION: OVERVIEW SNAPSHOT

Chart 76 PANASONIC AVIONICS CORPORATION: SWOT ANALYSIS

Chart 77 IBM: OVERVIEW SNAPSHOT

Chart 78 MICROSOFT CORP.: OVERVIEW SNAPSHOT

Chart 79 APPLE INC.: OVERVIEW SNAPSHOT

Chart 80 GOOGLE: OVERVIEW SNAPSHOT

Chart 81 AMAZON: OVERVIEW SNAPSHOT

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