

# In-Flight Wi-Fi Services: Market Research Report

https://marketpublishers.com/r/I7FFF936A5AEN.html

Date: December 2018

Pages: 333

Price: US\$ 5,600.00 (Single User License)

ID: I7FFF936A5AEN

## **Abstracts**

This report analyzes the worldwide markets for In-Flight Wi-Fi Services in US\$ Million. The report provides separate comprehensive analytics for North America, Europe, Asia-Pacific, Middle East and Rest of World.

Annual estimates and forecasts are provided for the period 2015 through 2024.

Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 64 companies including many key and niche players such as -

AeroMobile Communications Limited

**Astronics AeroSat Corporation** 

Gilat Satellite Networks Ltd.

Global Eagle Entertainment Inc.

Gogo LLC

Honeywell International, Inc.



## **Contents**

#### 1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

#### 2. INDUSTRY OVERVIEW

In-Flight Wi-Fi Services: Internet Connectivity in the Sky for Today's Highly Mobile,

Digital, and Agile Passengers

Market Drivers in a Nutshell

Trends in In-Flight Entertainment and Connectivity (IFEC) Market Summarized

Inflight Wi-Fi: Fast Facts

The Digital Passenger with Mobile Device Connectivity Drive Strong Demand for

Ubiquitous Wi-Fi, Anytime, Anywhere

Key Components Enabling In-Flight Connectivity Summarized

Regional Trends in In-flight Wi-Fi Services Summarized

Asia-Pacific

The United States

Europe

Middle East

Latin America

Booming Air Travel and the Corresponding Increase in Passenger Traffic: The

Fundamental Factor Driving Demand for IFC Technologies

**Table 1.** Annual Air Passenger Traffic (in Millions) Worldwide by Country: 2010-2017 (includes corresponding Graph/Chart)

**Table 2.** International Tourist Arrivals by Mode of Travel (2017): Percentage Breakdown of Number of Inbound Tourists for Airlines, Road Transport, Cruise Ships & Boats, and Railways (includes corresponding Graph/Chart)

**Table 3.** Global Passenger Air Traffic Revenues (in US\$ Billion): 2010-2018E (includes corresponding Graph/Chart)



**Table 4.** Global Annual Air Traffic in Trillion RPK (Revenue Passenger Kilometer) for the Period 1975 to 1937 (includes corresponding Graph/Chart)

**Table 5.** Projected Growth in Global Airline Traffic (RPK) by Geographic Region: 2018-2037 (includes corresponding Graph/Chart)

Rise in Aircraft Fleet Drive Long-term Opportunities

**Table 6.** Global Commercial Aircrafts Projections by Region (2017 & 2037): Breakdown of Fleet (Units) for Africa, Asia-Pacific, Europe, Latin America, Middle East, North America, and Russia & Central Asia (includes corresponding Graph/Chart)

Inflight Connectivity (IFC) in terms of Available Seat Miles (ASMs)

**Table 7.** Ranking of Airlines by Available Seat Miles (ASMs): 2018 (includes corresponding Graph/Chart)

**Table 8.** Airlines Offering Wi-Fi as a Percentage of ASMs (2018) (includes corresponding Graph/Chart)

Global Market Outlook Satellite Connectivity Gathers Pace

Table 9. Available Technologies for in-flight Wi-Fi

North America Dominates Global In-flight Internet Connectivity Market

**Table 10.** Connected Aircrafts by Region (2015 & 2025): Number of Connected Aircrafts for Asia & Oceania, Europe, Latin America, Middle East, and North America (includes corresponding Graph/Chart)

**Table 11.** Global Connected Aircrafts as a Percentage of Total Commercial Aircrafts Market: 2017 & 2027 (includes corresponding Graph/Chart)

Asia-Pacific Spearheads Growth in In-Flight Wi-Fi Services Adoption



Leisure Segment to Drive IFC Growth Key Market Challenges Summarized

#### 3. MARKET TRENDS AND DRIVERS

Surging Demand for High Quality, Secure, High Speed, and Economical Connectivity during Air Travel Drive Strong Market Growth
In-Flight Connectivity Market to Cross \$125 Billion by 2035 and Create New Lucrative Business Models

**Table 12.** Projected Global Inflight Broadband Demand by Region (2035): Breakdown of Inflight Broadband Demand (US\$ Billion) for Africa, Asia-Pacific, Europe, Latin America, Middle East, and North America (includes corresponding Graph/Chart)

**Table 13.** Inflight Broadband Enabled Ancillary Services Revenue (US\$ Billion) Breakdown for the Years 2019, 2027 and 2035 (includes corresponding Graph/Chart)

Onboard Wireless Internet Transform Expectations of Air Passengers
Airlines to Enhance Operational Efficiencies and Inflight Connectivity
Inflight Internet Access Drive Brand Loyalty among Air Passengers
Soaring IP Traffic Provides the Perfect Platform for Penetration of Inflight Wi-Fi Services

**Table 14.** Global Mobile Data Usage by Application (2010, 2015, 2018, 2020, and 2022): Percentage Breakdown of Usage (in Petabytes per Month) for Audio, Social Networking, Software Download and Update, Video, Web Browsing, and Others (includes corresponding Graph/Chart)

**Table 15.** Media Bit Rates for Current and Future Data Usage Applications

**Table 16.** Worldwide Mobile Data Traffic in Petabytes (PB) per Month for the Years 2016 through 2022 (includes corresponding Graph/Chart)

**Table 17.** Global Mobile Communications Market: Data Subscriptions as a Percentage of the Overall Mobile Subscriptions for Years 2011 through 2016 (includes corresponding Graph/Chart)

**Table 18.** Global Mobile Subscribers by Geographic Region (2010, 2013, 2015, 2017E,



and 2022P): Breakdown of Number of Unique Subscribers (in Millions) for North America, Europe, CIS, Asia-Pacific, Latin America, Middle East and Africa (includes corresponding Graph/Chart)

Proliferation of Smartphones Lead to Escalation in IP Traffic

**Table 19.** Global Smartphone Data Usage by Region (2014, 2016, 2018, 2020, and 2022): Breakdown of Usage (in Petabytes per Month) for Asia-Pacific, Central Europe, Middle East & Africa (CEMA), Latin America, North America, and Western Europe (includes corresponding Graph/Chart)

**Table 20.** Global Data Usage per Smartphone by Region (2014, 2016, and 2020): Breakdown of Usage (in Gigabytes per Month) for Asia-Pacific, Central and Eastern Europe, Latin America, Middle East & Africa, North America, and Western Europe (includes corresponding Graph/Chart)

**Table 21.** World Market for Smartphones: Shipments in Million Units for the Years 2015, 2017, 2019 and 2021 (includes corresponding Graph/Chart)

**Table 22.** Global Smartphones Penetration Rate by Region - Smartphones as a Percentage of Total Mobile Connections for 2017 and 2025 (includes corresponding Graph/Chart)

'Social Networking on the Move': Another Major Driver of IP Traffic

**Table 23.** Penetration Rate (%) of Active Mobile Social Media Users by Select Countries (includes corresponding Graph/Chart)

Millennials Demand for Non-Stop Inflight Connectivity Augurs Well for the Market Global Millennial Population Facts & Figures: Important Opportunity Indicators

**Table 24.** Global Millennials Population by Region (2018E): Percentage Breakdown of Number of Millennials for North America, Europe, China & Japan, Latin America and Rest of World (includes corresponding Graph/Chart)

**Table 25.** Millennial Population as a Percentage (%) of Total Population in Developing



Countries: 2018E (includes corresponding Graph/Chart)

Lack of ATG Networks, Lower Reliability and Lesser Speed of ATG Technology Drive Adoption of Satellite-Based Solutions

High Throughput Satellites (HTS): The Next Big Thing for In-flight Connectivity HTS Satellites Timeline

Asia and Middle East Airlines Eye HTS Satellite Services

Disruption in Satellite-Enabled Inflight Internet Connectivity: A Cause of Concern for Airlines?

Declining Costs of Hardware Drives Adoption of High-Speed In-Flight Wi-Fi

In-Flight Entertainment (IFE): A Strong Base for Increasing Demand for In-flight Wi-Fi Services

**Embedded Seatback Solutions** 

Wireless Solutions

Mobile Solutions

More Screens

Wired Controllers Remain Relevant

Increasing Use of Personal Smartphones

A Glimpse of Current/Emerging IFE Services

Evolution of Connected Aircrafts: Cyber Security Assumes Critical Importance

Primary Vulnerabilities & Challenges

Vendors Invest in New Technology

Efforts to Enhance Readiness and Awareness

End-to-End Cyber Security: Need of the Hour

In-Flight Streaming Grows in Popularity

Airlines Compete Over Offering Faster In-Flight Services

Focus on Technology Upgrades to Improve In-flight Wi-Fi Speed

Options for Enhanced Inflight Connectivity are Many

Enterprise Mobility Offers a Strong Business Case for In-flight Wi-Fi Services

Enterprise Shift towards All-IP Communications

Long-Haul Flight Business Travelers Drive Demand for Wi-Fi Services

In-flight Wi-Fi Popular on Business Routes

BYOD: An Emerging Cost Effective Model

IFE OEM move towards Lightweight Equipment

Location Based Advertising – A Revenue Opportunity

Free Wi-Fi Services for All in the Offing?

Airlines that Currently Offer Free Inflight Wi-Fi

Evolving Trends in Private Jet Segment Spur In-Flight Wi-Fi Demand

Burgeoning Middle Class Population & Rapid Urbanization: Megatrends Driving Air



Travel & Demand for Inflight Connectivity

Top 10 Air Passenger Markets Ranked by Passengers: 2017, 2021, 2028, 2032, and
2036

**Table 26.** Global Middle Class Population (in Millions) and as a Percentage of Total Population: 2005, 2015, 2025 & 2035 (includes corresponding Graph/Chart)

**Table 27.** Middle Class Households as a Percentage (%) of Total Households for Select Countries: 2008, 2018, 2024, 2030, 2036 (includes corresponding Graph/Chart)

**Table 28.** World Population (Millions) and Urbanization Rate (%) by Region/Country: 2016 & 2040 (includes corresponding Graph/Chart)

## 4. INNOVATIONS AND ADVANCEMENTS

Innovations and Developments Improve In-Flight Wi-Fi Speed and Consistency
Aviation ISPs Launch Next-Gen ATG Networks
Innovative Digital Platform "Air Time" Offers Personalized Services and Entertainment
Specialized Communications Satellites
Development of the Open Systems and Unlocking Digital Service Innovations
Harmonizing Fleet Services
SITAONAIR's Vision
End to End Solutions
Open System Solutions
VHTS and LEO Technologies

#### **5. ISSUES AND CHALLENGES**

Does the New 'Seamless Air Alliance' Initiative Overlook User Security?

Low Number of Users of In-flight Wi-Fi — Evidence of Potential

Several Issues Persist in Wi-Fi Adoption

Uncertainty over Consumer Acceptance puts Airlines in Defensive Mode

Delayed Adoption of In-Flight Wi-Fi Services in Various Airlines

Lack of Awareness — A Major Hurdle

Prohibitive Usage Costs Hinder Wider Adoption

In-flight Mobile Usage — Strife with Regulatory Obstacles

On-Board Mobile Usage Carries Risks, Impedes its Usage

Other In-flight Entertainment Media Pose Significant Challenges



## Competing Technologies Pose Formidable Challenges

#### 6. SERVICE OVERVIEW

Wi-Fi: A Prelude

802.1 1 Family of Wireless Standards: A Review

Evolution of the Wi-Fi Technology

Infrastructure Components in Wi-Fi Deployments

Wireless Access Points

Wireless LAN Controllers (WLAN Controllers)

Wireless Hotspot Gateways

Others

Definition

ATG (Air to Ground)

Satellite

Ku-band

Ka-band

Exede

In-flight Wi-Fi Components

A Brief Note on Evolution of In-flight Wi-Fi

Key Parties in the Business Model

The Governing Variables in the In-flight Wi-Fi Services Business Model

Breakup of Infrastructure Cost by Cost Type

Variables in the Choice of an Airborne Broadband Service Provider

Key Drivers in the Final Choice

Myriad Applications of the In-flight Wi-Fi Services

**Benefits** 

Limitations

Factors Affecting In-Flight Internet Speed

In-flight Wi-Fi Service Operators – Technology & Operations

GSM Picocell – Enabler to In-flight Mobile conversations

Wi-Fi Enhances Scope of VoIP

Technical Challenges of In-flight Mobile Usage

## 7. COMPETITIVE LANDSCAPE

In-Flight Connectivity Marketplace: Internet Service Providers, Equipment Vendors, and Airlines are Major Stakeholders



**Table 29.** Leading In-Flight Connectivity (IFC) Companies Worldwide (2018E): Percentage Market Share Breakdown for Global Eagle, Gogo, Panasonic, SitaOnAir, Thales, and Others (includes corresponding Graph/Chart)

**Table 30.** Leading In-Flight L-band Operators Worldwide (2018E): Percentage Market Share Breakdown (by Terminals) for Iridium, Inmarsat, and Orbcomm (includes corresponding Graph/Chart)

Key Internet Service Providers & Major Airline Customers

The Most Tech-Friendly Airlines in the World offer the Best Wi-Fi Onboard

Airlines with the Best In-Flight Connectivity Technology

In-Flight Wi-Fi Plans of Various Airlines

Major Global Airlines and their Wi-Fi, Fleet Details, and Provider Plans

Credit Cards and Travel Cards with Inflight WiFi Offerings

Tougher Times Ahead for Gogo?

Inmarsat Rated Best Inflight Wi-Fi Provider

Alphabet to Disrupt In-Flight Connectivity through Purchase of Nokia's LTE Portfolio

Key Approaches Carriers Adopt for In-Flight Connectivity

Major Advanced Satellite-based In-Flight Connectivity Platforms

OneWeb

Panasonic Avionics

Inmarsat

ViaSat

Global Eagle Entertainment

Gogo

Proliferation of Competing Systems Lead to Increased Fragmentation

Service Providers Focus on Becoming Whole Service Providers

7.1 Focus on Select Global Players

AeroMobile Communications Limited (UK)

Astronics AeroSat Corporation (USA)

Gilat Satellite Networks Ltd. (Israel)

Global Eagle Entertainment Inc. (USA)

Gogo LLC (USA)

Honeywell International, Inc. (USA)

EMS Aviation (USA)

Hughes Network Systems, LLC (USA)

Inmarsat plc (UK)

Kymeta Corporation (USA)



Panasonic Avionics (USA)

SES S. A. (Luxembourg)

SITAOnAir (Switzerland)

SmartSky Networks, LLC (USA)

Thales Group (France)

ThinKom Solutions, Inc. (USA)

TriaGnoSys (Germany)

ViaSat Inc. (USA)

Zodiac Aerospace (France)

7.2 Service Launches

Viasat Enters into Distribution Agreement with StandardAero

Delta Air Lines Announces Free In-Flight Wi-Fi Services

LATAM Airlines Brazil Launches Inflight WiFi Onboard Nine A319 Aircraft

Air France Announces inflight Wi-Fi Choices - Connect

Gogo Launches 2Ku High-Speed Satellite Connectivity System

Finnair Launches High-Speed Internet Service for Airbus fleet on European Flights

EL AL Israel Airlines Launches Commercial In-Flight Wi-Fi Service

VIRGIN Australia Launches Wi-Fi on International Flights

Embraer Selects Viasat's High-Speed, High-Capacity Ka-Band Connectivity Solution

Duncan Aviation Enters into Partnership with SmartSky

SAS Launches New High-Speed In-Flight Wi-Fi Service

Singapore Airlines Launches Free WiFi Service for Premium Passengers

Deutsche Telekom Launches New Airline-Only LTE Network

Panasonic Introduces Inflight Connectivity Service

Cathay Pacific Group Introduces High-Speed Wi-Fi to Boeing 777 and Airbus A330 fleets

Panasonic and Emirates Introduces Line-Fit Wi-Fi Connectivity Solutions

AirAsia Indonesia Launches Wi-Fi and Inflight Entertainment Services

Panasonic Avionics and Singapore Airlines Introduces Inflight Entertainment Offering – myKrisWorld

ViaSat to Launch ViaSat-2 Service

easyJet Selects Immfly to Launch New Wireless In-Flight Entertainment Service

Gogo Partners with Delta to Launch Gogo Vision Touch

Air Astana Installs the Rockwell Collins Cabin System

Inmarsat Unveils New SwiftBroadband-Safety (SB-S) Solution

EL AL Israel Airlines Selects Viasat In-Flight Internet System

Global Eagle Launches Airconnect 3. 0 Inflight Wi-Fi System

Gogo Introduces Next Generation Modem

Gogo Business Aviation Unveils Smart Cabin Systems



Panasonic Announces NEXTTM IFEC Platform

SpiceJet Announces In-Flight Internet Services

Astronics Announces the FliteStream F-310 Aircraft Antenna System

Hughes Announces JUPITER Aero System for IFC

Gilat and Hughes Announces New High-Performance Dual Ka/Ku-band IFC Aero Antenna

7.3 Recent Industry Activity

Viasat to Supply In-Flight Wi-Fi to 18 New Aeromexico Boeing 737 Max Jets
Inmarsat Contracts with Cobham Aerospace for Certification of AVIATOR 300D satcom
Airshare Selects Gogo's Connectivity Solution for Light Jets – Gogo AVANCE L3
Gogo Partners with GOL for Aircraft Data Services

SITAONAIR Partners with Etisalat for Inflight Cellular Services

Panasonic Avionics Enters into Agreement with EGYPTAIR for IFEC Solutions

Panasonic Avionics Partners with Uzbekistan Airways for IFEC Solutions

Gogo Announces the Availability of Gogo TV on Three Global Airlines

Aircalin Partners with SITAONAIR for Internet ONAIR Solution

Inmarsat Collaborate with Panasonic Avionics to Offer Broadband IFC Solutions

Viasat Wins Eight-Year Contract from The United States DISA for IFC Services

La Compagnie Partners with Viasat to Offer High- Speed Wi-Fi Capabilities

Gogo Partners with TIM to Offer Discounted Wi-Fi

SITA to Provide Wireless Connectivity on the Ground to Air Mauritius' Fleet of Airbus A350

Google to Buy Nokia's Airborne Broadband System

Kuwait Airways Extends Partnership with SITAONAIR for Inflight Broadband Connectivity

Air France Wins a Contract For In-Flight Connectivity Systems

Inmarsat Signs a Contract with MAT for GX Aviation Inflight Broadband Solution

Honeywell Announces Installations of JetWave Satellite Communications Hardware in Africa

Viasat and Honeywell Expands an Agreement for GoDirect Cabin Connectivity Suite of Services

Inmarsat Collaborates with Turkish Technic and HAVELSAN for Inflight Connectivity Solutions

Nippon Airways Wins 3-Year Contract for Inflight Entertainment and Content Services to Global Eagle

Panasonic Enters into an Agreement with EGYPTAIR for IFEC Systems

Air Canada Selects Gogo's 2Ku Inflight Connectivity Solution

Hughes and Global Eagle Announces the Expansions of Airline Connectivity and Aero Network



Delta, Sprint, Airbus, OneWeb and Bharti Airtel Team Up to Create the Seamless Air Alliance

Flexiroam Partners with Scoot to Provide Flexiroam X Microchip

Aeromexico Installs Gogo's 2Ku on an Additional 9 Boeing 737-800 Aircraft

SES Networks and Gogo Collaborate for HTS Connectivity

Viasat Contracts with United Airlines for IFEC System

Gogo Unveils Gogo AVANCE L3 Inflight Connectivity System

Cathay Pacific Group Selects Gogo's 2Ku Inflight Connectivity Solution

Emirates Partners with Thales Group to Equip 777X Fleet with Inflight Connectivity

Emirates to Install Inmarsat's GX Aviation Inflight Broadband Service on Boeing 777X Aircraft Fleet

SITAONAIR and Emirates Extends their Partnership to Deliver Passenger Connectivity Solutions

LATAM Airlines Selects Gogo's 2Ku Technology for Inflight Connectivity
Inmarsat's Jet ConneX Business Aviation Inflight Wi-Fi Service Receives STC for
Gulfstream G550 Aircraft

Embraer Selects Gogo AVANCE L5 Inflight Connectivity Technology for its Business Jets

Singapore and Philippine Airlines Selects Honeywell's JetWave for Inflight Connectivity
Dassault Aviation Selects Gogo AVANCE L5 Inflight Connectivity Technology
AirAsia Group Selects Inmarsat's GX Aviation Inflight Broadband Solution
Interjet Selects Panasonic Avionics' IFE System and Wi-Fi Connectivity Services
Saudia and SITAONAIR Delivers Inflight Wi-Fi Services

Gogo Business Aviation Expands with High Throughput Satellite Service Inmarsat and Rockwell Collins Sign Strategic Agreement for SB-S Flightdeck Connectivity Solution

Alaska Airlines Selects Gogo's 2Ku Inflight Connectivity Solution for Boeing and Airbus Fleet

Air China Selects IFEC Solutions from Panasonic Avionics

Viasat Receives STC Approval from the FAA for (Gen-2) IFEC System

EL AL Israel Airlines Selects Panasonic Avionics' eX3 IFE System

Hunter and Eutelsat Announces the Expansion of Multi-Transponder Contract

AeroMobile Adds 100th Aircraft to its 3.5 G Mobile Network

Emirates Airlines Expand its Free In-Flight Wi-Fi Services

Global Eagle Wins Five-Year Contract with Norwegian Air Shuttle

United Airlines' Boeing 767 Aircraft Equips with Cobham's AVIATOR 300D and Inmarsat's SwiftBroadband-Safety

Qatar Airways Selects Inmarsat's GX Aviation In-Flight Broadband Solution Icelandair Airline to Offer In-Flight Connectivity and Internet Streaming Service



Inmarsat Announces the Commercial Service Introduction of GX Aviation with Lufthansa Group

Gogo Enters into Agreement with SES to Enhance In-Flight Connectivity Services
SITAONAIR to Deliver Inflight 3.5 G Mobile Network Services
Virgin Australia Partners with Gogo and Optus to Offer Wi-Fi Services
Global Eagle Partners with NCLH to Enhance Internet and Entertainment Services
Virgin Australia Selects Gogo's 2Ku Technology on Boeing 737-800 Aircraft
Air Cote d'Ivoire Partners with SITAONAIR for Inflight Passenger Connectivity Services
Thales and SES Selects Hughes for Aviation Connectivity Network
Global Eagle Receives vSTC for Airconnect Global Satellite Connectivity System
Virgin Australia Partners with Gogo and Optus for Inflight Wi-Fi

#### 8. GLOBAL MARKET PERSPECTIVE

**Table 31.** World Recent Past, Current & Future Analysis for Commercial Flights with Wi-Fi Services by Geographic Region - North America, Europe, Asia-Pacific (including Japan), Middle East and Rest of World Markets Independently Analyzed in Units for Years 2015 through 2024 (includes corresponding Graph/Chart)

**Table 32.** World 10-Year Perspective for Commercial Flights with Wi-Fi Services by Geographic Region - Percentage Breakdown of Units for North America, Europe, Asia-Pacific (including Japan), Middle East and Rest of World Markets for Years 2015, 2018 and 2024 (includes corresponding Graph/Chart)

**Table 33.** World Recent Past, Current & Future Analysis for In-flight Wi-Fi Services on Commercial Airlines Analyzed with Annual Revenues in US\$ Million for Years 2015 through 2024 (includes corresponding Graph/Chart)

#### 9. REGIONAL MARKET PERSPECTIVE

9.1 North America

A. Market Analysis

Evolution of Onboard Wi-Fi as a Critical Component of In-Flight Experience for Passengers Drive Market Growth

**Key Trends Summarized** 

Availability of High Quality In-Flight Wi-Fi Augments Passenger Loyalty Wi-Fi Providers Gear Up to Enable Reliable In-Flight Connectivity Routes with the Best In-Flight Wi-Fi in the US



Inflight Connectivity Creates Cord Cutting in the Sky
Inflight Connectivity – An Economic Puzzle
Ka Band – An Opportunity
Improving Commercial Aviation Sector Benefit Market Prospects

**Table 34.** Commercial Aircraft Fleet in North America by Type (2017 & 2037): Breakdown of Number of Aircrafts for Regional Jet, Single Aisle Aircrafts, Widebody Aircrafts, and Freighter Aircrafts (includes corresponding Graph/Chart)

**Table 35.** Passenger Aircrafts (More than 100 Seaters) Fleet in Service in North America: 2018 & 2037 (includes corresponding Graph/Chart)

Rising Air Passenger Traffic Drives the Need for In-Flight Connectivity (IFC) Technologies

**Table 36.** Domestic Annual Air Traffic in the US: Passengers (Millions) Carried for the Period 2007 to 2017 (includes corresponding Graph/Chart)

Competitive Landscape: US Airlines with the Best In-flight Wireless Internet Services JetBlue

Virgin America

Delta Airline

Other Airlines

**Table 37.** Leading Inflight Connectivity Providers in the US (2018E): Percentage Market Share Breakdown for Global Eagle, Gogo, Panasonic, ViaSat, and Others (includes corresponding Graph/Chart)

B. Market Analytics

**Table 38.** North American Recent Past, Current & Future Analysis for In-Flight Wi-Fi Services Analyzed with Number of Commercial Flights with Wi-Fi Services in Units for Years 2015 through 2024 (includes corresponding Graph/Chart)

9.2 Europe



A. Market Analysis

Europe's Airlines to Benefit from Advancements in In-Flight Connectivity

Satellite versus Terrestrial

Air to Ground (ATG): Lower Cost, But Restricted Coverage

Satellite and Terrestrial Complement Each Other

The Nascent European Market Set for Expansion

Key Business Models in the European In-Flight Connectivity Sector

#### **5G IN IN-FLIGHT COMMUNICATION**

Low-cost and Leisure Carriers (LCCs) and Connectivity European Aviation Network (EAN) B. Market Analytics

**Table 39.** European Recent Past, Current & Future Analysis for In-Flight Wi-Fi Services Analyzed with Number of Commercial Flights with Wi-Fi Services in Units for Years 2015 through 2024 (includes corresponding Graph/Chart)

9.3 Asia-Pacific

A. Market Analysis

In-Flight Wi-Fi Services Market to Register Strong Growth in Asia-Pacific

Growing Passenger Demand to Fuel In-flight Wi-Fi Adoption in Asia-Pacific

Passenger Loyalty to Airlines Increases as Carriers Begin Offering Inflight Wi-Fi

Select Key Markets

Australia: In-Flight Wi-Fi Services Critical for Growth of Domestic Carriers

China: A Potential Laden Market for In-Flight Internet Services

Market Forecast to Boom

**Untapped Demand** 

China Eastern: The First Airline in China to Provide In-Flight Internet

China's Questionable Sky-high Ambitions

New Era of In-flight Internet with Chinese Characteristics

China's Proposal for Mass In-flight Wi-Fi

India: In-flight Connectivity to Soon become a Reality Offering Significant Growth

Opportunities

India Represents a Lucrative In-Flight Wi-Fi Market

Key Challenges Impeding Market Prospects

Japan

Thailand: Low Cost Airlines Come under the Umbrella of Inflight Connectivity



## B. Market Analytics

**Table 40.** Asia-Pacific Recent Past, Current & Future Analysis for In-Flight Wi-Fi Services Analyzed with Number of Commercial Flights with Wi-Fi Services in Units for Years 2015 through 2024 (includes corresponding Graph/Chart)

9.4 Middle East

A. Market Analysis

In-flight Wi-Fi Market in the Middle East Gain Notable Momentum Inflight Wi-Fi Dearer to Middle Eastern Travelers than Global Travelers

Table 41. Middle Eastern Travelers versus Global Travelers: A Comparative Analysis

Considerable Investments by Local Airlines in Sophisticated In-Flight Connectivity Technologies

B. Market Analytics

**Table 42.** Middle East Recent Past, Current & Future Analysis for In-Flight Wi-Fi Services Analyzed with Number of Commercial Flights with Wi-Fi Services in Units for Years 2015 through 2024 (includes corresponding Graph/Chart)

9.5 Rest of World Market Analysis

**Table 43.** Rest of World Recent Past, Current & Future Analysis for In-Flight Wi-Fi Services Analyzed with Number of Commercial Flights with Wi-Fi Services in Units for Years 2015 through 2024 (includes corresponding Graph/Chart)

#### 10. COMPANY PROFILES

Total Companies Profiled: 64 (including Divisions/Subsidiaries - 67)

The United States (20)

Canada (1)

Japan (2)

Europe (21)



France (3)

Germany (2)

The United Kingdom (4)

Spain (1)

Rest of Europe (11)

Asia-Pacific (Excluding Japan) (15)

Middle East (7)

Africa (1)



#### I would like to order

Product name: In-Flight Wi-Fi Services: Market Research Report
Product link: <a href="https://marketpublishers.com/r/17FFF936A5AEN.html">https://marketpublishers.com/r/17FFF936A5AEN.html</a>

Price: US\$ 5,600.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

## **Payment**

First name: Last name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/I7FFF936A5AEN.html">https://marketpublishers.com/r/I7FFF936A5AEN.html</a>

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

Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

& Conditions at https://marketpublishers.com/docs/terms.html

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms