Asia Pacific Airborne SATCOM Market Forecast to 2028 - COVID-19 Impact and Analysis - by Platform (Commercial Aircraft, Military Aircraft, Helicopters, and UAV), Component (SATCOM Terminals, Transceivers, Airborne Radio, Modems & Routers, SATCOM Radomes, and Others), and Application (Defense and Commercial)

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AVAILABLE LICENSES:

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- Enterprise Price $5000.00

Report description:

The airborne SATCOM market in Asia Pacific is expected to grow from US$ 1,367.30 million in 2022 to US$ 2,273.59 million by 2028; it is estimated to grow at a CAGR of 8.8% from 2022 to 2028.

UAVs with tactical, long-range capabilities are used to acquire and transmit real-time intelligence, surveillance, and reconnaissance (ISR) data to ground stations. Reliable, high-performance satellite communications ensure continuous broadband connectivity in beyond-line-of-sight (BLOS) activities. In recent years, there has been a significant increase in the demand for small aerial vehicles (UAVs) with high performance and throughput L-Band SATCOM terminals with a tiny footprint. For instance, Intellian announced in October 2021 that its new FB250 and Fleet One L-band terminals received Inmarsat type certification. The Intellian Fleet One terminal is a small, sturdy, and low-cost solution for simultaneous phone and data communication up to 150kbps. Further in January 2022, Inmarsat, the market leader in international mobile satellite communications, permitted ultra-intelligence and communications to use its new ultra-compact SATCOM terminal with the Inmarsat APAC Xpress network. The new ultra-terminal is a frontrunner in size, weight, power, and higher performance standards to create a communications capability in the field of operations, facilitating mission-critical communication between soldiers in the field and command and control.

The ultra-compact SATCOM terminal is perfect for users who operate outside of terrestrial coverage. It also ensures constant, secure access to safety alerts, navigational cautions, emails, internet-based messaging, and voice calls. Leading satellite manufacturers are working with cutting-edge terminal manufacturers to provide hardware antennas and terminals with low Size,

Weight, and Power (SWaP) and high-throughput capabilities. The increasing demand for high-throughput, beyond-line-of-sight (BLOS) connections for small aviation platforms worldwide will provide an opportunity for the airborne SATCOM market to expand.

With the new features and technologies, vendors can attract new customers and expand their footprints in emerging markets. This factor is likely to drive the Asia Pacific airborne SATCOM market. The Asia Pacific airborne SATCOM market is expected to grow at a good CAGR during the forecast period.

Asia Pacific Airborne SATCOM Market Revenue and Forecast to 2028 (US$ Million)

Asia Pacific Airborne SATCOM Market Segmentation

Asia Pacific airborne SATCOM market is segmented into platform, component, application, and country.

Based on platform, the Asia Pacific airborne SATCOM market is segmented into commercial aircraft, military aircraft, helicopters, and UAVs. The commercial aircraft segment held the largest market share in 2022. Based on component, the Asia Pacific airborne SATCOM market is segmented as SATCOM terminals, transceivers, airborne radio, modems and routers, SATCOM radomes, and others. The transceivers held the largest market share in 2022. In terms of application, the Asia Pacific airborne SATCOM market is categorized into defense, and commercial. The commercial segment held the largest market share in 2022.

Based on country, the Asia Pacific airborne SATCOM market is segmented into Australia, China, India, India, Japan, South Korea, and the Rest of Asia Pacific. China held the largest market share in 2022.

ASELSAN A.A?.; Cobham Limited; Collins Aerospace; General Dynamics Mission Systems, Inc.; Honeywell International Inc.; L3Harris Technologies, Inc.; Orbit Communications Systems Ltd.; Thales Group; and Viasat, Inc. are among the leading companies in the airborne SATCOM market in the region.

Table of Contents:

TABLE OF CONTENTS

1. Introduction
1.1 Scope of the Study
1.2 The Insight Partners Research Report Guidance
1.3 Market Segmentation
2. Key Takeaways
3. Research Methodology
3.1 Coverage
3.2 Secondary Research
3.3 Primary Research
4. Airborne SATCOM Market Landscape
4.1 Market Overview
4.2 Porter's Five Force Analysis
4.2.1 Bargaining Power of Buyers
4.2.2 Bargaining Power of Suppliers
4.2.3 Threat to New Entrants
4.2.4 Threat to Substitutes

4.2.5 Competitive Rivalry
4.3 Ecosystem Analysis
4.4 Expert Opinion
5. APAC Airborne SATCOM Market - Key Market Dynamics
5.1 Market Drivers
5.1.1 Rising Adoption of Satellite Communication (SATCOM) Technology to Provide Advanced Communication Solution
5.1.2 Increase in demand for SATCOM On-The-Move (OTM) Solutions
5.2 Market Restraints
5.2.1 Exposure to Cyber Security Threats
5.3 Market Opportunities
5.3.1 Development of Ultra-Compact SATCOM Terminals
5.4 Trends
5.4.1 Increasing Air Passenger Traffic
5.5 Impact Analysis of Drivers and Restraints
6. Airborne SATCOM Market - APAC Market Analysis
6.1 APAC Airborne SATCOM Market Overview
6.2 APAC Airborne SATCOM Market Forecast and Analysis
7. APAC Airborne SATCOM Market Revenue and Forecast to 2028 - Platform
7.1 Overview
7.2 APAC Airborne SATCOM Market, By Platform (2021 And 2028)
7.3 Commercial Aircraft
7.3.1 Overview
7.3.2 Commercial Aircraft: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
7.4 Military Aircraft
7.4.1 Overview
7.4.2 Military Aircraft: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
7.5 Helicopters
7.5.1 Overview
7.5.2 Helicopters: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
7.6 UAVs
7.6.1 Overview
7.6.2 UAVs: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
8. APAC Airborne SATCOM Market Revenue and Forecast to 2028 - Component
8.1 Overview
8.2 APAC Airborne SATCOM Market, By Component (2021 And 2028)
8.3 SATCOM Terminals
8.3.1 Overview
8.3.2 SATCOM Terminals: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
8.4 Transceivers
8.4.1 Overview
8.4.2 Transceivers: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
8.5 Airborne Radio
8.5.1 Overview
8.5.2 Airborne Radio: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
8.6 Modems and Routers
8.6.1 Overview
8.6.2 Modems and Routers: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)

8.7 SATCOM Radomes
8.7.1 Overview
8.7.2 SATCOM Radomes: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
8.8 Others
8.8.1 Overview
8.8.2 Others: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
9. APAC Airborne SATCOM Market Revenue and Forecast to 2028 - Application
9.1 Overview
9.2 APAC Airborne SATCOM Market, By Application (2021 And 2028)
9.3 Defense
9.3.1 Overview
9.3.2 Defense: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
9.4 Commercial
9.4.1 Overview
9.4.2 Commercial: Airborne SATCOM Market Revenue and Forecast To 2028 (US$ Million)
10. APAC Airborne SATCOM Market - Country Analysis
10.1 Overview
10.1.1 APAC: Airborne SATCOM Market, by Key Country
10.1.1.1 Australia: Airborne SATCOM Market - Revenue and Forecast to 2028 (US$ Million)
10.1.1.1.1 Australia: Airborne SATCOM Market, by Platform
10.1.1.1.2 Australia: Airborne SATCOM Market, by Component
10.1.1.1.3 Australia: Airborne SATCOM Market, by Application
10.1.1.2 China: Airborne SATCOM Market - Revenue and Forecast to 2028 (US$ Million)
10.1.1.2.1 China: Airborne SATCOM Market, by Platform
10.1.1.2.2 China: Airborne SATCOM Market, by Component
10.1.1.2.3 China: Airborne SATCOM Market, by Application
10.1.1.3 India: Airborne SATCOM Market - Revenue and Forecast to 2028 (US$ Million)
10.1.1.3.1 India: Airborne SATCOM Market, by Platform
10.1.1.3.2 India: Airborne SATCOM Market, by Component
10.1.1.3.3 India: Airborne SATCOM Market, by Application
10.1.1.4 Japan: Airborne SATCOM Market - Revenue and Forecast to 2028 (US$ Million)
10.1.1.4.1 Japan: Airborne SATCOM Market, by Platform
10.1.1.4.2 Japan: Airborne SATCOM Market, by Component
10.1.1.4.3 Japan: Airborne SATCOM Market, by Application
10.1.1.5 South Korea: Airborne SATCOM Market - Revenue and Forecast to 2028 (US$ Million)
10.1.1.5.1 South Korea: Airborne SATCOM Market, by Platform
10.1.1.5.2 South Korea: Airborne SATCOM Market, by Component
10.1.1.5.3 South Korea: Airborne SATCOM Market, by Application
10.1.1.6 Rest of APAC: Airborne SATCOM Market - Revenue and Forecast to 2028 (US$ Million)
10.1.1.6.1 Rest of APAC: Airborne SATCOM Market, by Platform
10.1.1.6.2 Rest of APAC: Airborne SATCOM Market, by Component
10.1.1.6.3 Rest of APAC: Airborne SATCOM Market, by Application
11. Industry Landscape
11.1 Market Initiative
11.2 Merger and Acquisition
11.3 New Development
12. Company Profiles

12.1 ASELSAN A.?.
12.1.1 Key Facts
12.1.2 Business Description
12.1.3 Products and Services
12.1.4 Financial Overview
12.1.5 SWOT Analysis
12.1.6 Key Developments
12.2 Thales Group
12.2.1 Key Facts
12.2.2 Business Description
12.2.3 Products and Services
12.2.4 Financial Overview
12.2.5 SWOT Analysis
12.2.6 Key Developments
12.3 Collins Aerospace
12.3.1 Key Facts
12.3.2 Business Description
12.3.3 Products and Services
12.3.4 Financial Overview
12.3.5 SWOT Analysis
12.3.6 Key Developments
12.4 Cobham Limited
12.4.1 Key Facts
12.4.2 Business Description
12.4.3 Products and Services
12.4.4 Financial Overview
12.4.5 SWOT Analysis
12.4.6 Key Developments
12.5 Honeywell International Inc.
12.5.1 Key Facts
12.5.2 Business Description
12.5.3 Products and Services
12.5.4 Financial Overview
12.5.5 SWOT Analysis
12.5.6 Key Developments
12.6 General Dynamics Mission Systems, Inc.
12.6.1 Key Facts
12.6.2 Business Description
12.6.3 Products and Services
12.6.4 Financial Overview
12.6.5 SWOT Analysis
12.6.6 Key Developments
12.7 L3Harris Technologies, Inc.
12.7.1 Key Facts
12.7.2 Business Description
12.7.3 Products and Services
12.7.4 Financial Overview

12.7.5 SWOT Analysis
12.7.6 Key Developments
12.8 Viasat, Inc.
12.8.1 Key Facts
12.8.2 Business Description
12.8.3 Products and Services
12.8.4 Financial Overview
12.8.5 SWOT Analysis
12.8.6 Key Developments
12.9 Orbit Communications Systems Ltd.
12.9.1 Key Facts
12.9.2 Business Description
12.9.3 Products and Services
12.9.4 Financial Overview
12.9.5 SWOT Analysis
12.9.6 Key Developments
13. Appendix
13.1 About The Insight Partners
13.2 Word Index

Asia Pacific Airborne SATCOM Market Forecast to 2028 - COVID-19 Impact and Analysis - by Platform (Commercial Aircraft, Military Aircraft, Helicopters, and UAV), Component (SATCOM Terminals, Transceivers, Airborne Radio, Modems & Routers, SATCOM Radomes, and Others), and Application (Defense and Commercial)

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