

# Global Airborne ISR Platforms & Payloads - Market and Technology Forecast to 2027

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## Abstracts

ISR stands for Intelligence, Surveillance and Reconnaissance. ISR is a practice that links several battlefield functions together to assist a combat force in employing its sensors and managing the information they gather. Airborne platforms have critical ISR roles in supporting operations in general. The global airborne ISR platforms and payload market is dominated by companies based in the United States, China and European Union. A number of firms in the US, China and EU are taking steps towards introduction of upgraded payloads, while also attracting new funding.

Market Forecast's latest report "Global Airborne ISR Platforms & Payloads - Market and Technology Forecast to 2027" examines, analyzes, and predicts the evolution of airborne ISR systems, technologies, markets, and outlays (expenditures) over the next 8 years – 2019 -2027 in the Airborne ISR Platforms & Payload industry. It also examines airborne ISR markets geographically, focusing on the top 95% of global markets, in the United States, Europe, and Asia.

Throughout the report we show how airborne ISR platforms and payloads are used today to add real value. To provide the most thorough and realistic forecast, this report provides a twin-scenario analysis, including "steady state", emergence of new Airborne ISR Platforms & Payload technology.

In this report we have classified the airborne ISR industry under 4 major groups. We will research these 4 major group and also provide forecast figures from 2019 – 2027. These are:

Technologies – The 9 major technologies driving this industry are:

Sensors & Payload

Platform Development

Navigation & Control

Autonomy

Communications & Data Management

Weapons

Energy & Propulsion

Cyber

Mobility

Applications – The 6 key areas where airborne ISR are making a big impact:

Surveillance & Reconnaissance

Search & Rescue

Law Enforcement

Border Surveillance

Engineering, Surveying and Mapping

Delivery & Logistics

Platforms – Airborne ISR platforms will have to place the payload in orbit. We will focus on the 4 major platforms:

Unmanned Aerial Vehicles (UAVs)

Aircraft

Helicopters

Aerostats/Balloons

Payloads – We will reflect on 4 major payload types:

Electro-optical imagers (EO/IR)

Radar

Seismic/Acoustic monitoring

Ad hoc wireless sensor nodes (WSN)

In particular, it provides an in-depth analysis of the following:

**Overview:** Snapshot of the various airborne ISR tech in the aerospace market during 2019-2027, including highlights of the demand drivers, trends and challenges. It also provides a snapshot of the spending with respect to regions as well as segments. It also sheds light on the emergence on new technologies

**Market Dynamics:** Insights into the technological developments in this market and a detailed analysis of the changing preferences of governments around the world. It also analyzes changing industry structure trends and the challenges faced by the industry participants.

**Segment Analysis:** Insights into the various Systems market from a segmental perspective and a detailed analysis of factors influencing the market for each segment.

**Regional Review:** Insights into modernization patterns and budgetary allocation for top countries within a region.

**Regional Analysis:** Insights into the Systems market from a regional perspective and a detailed analysis of factors influencing the market for each region.

**Trend Analysis :** Key airborne ISR Platforms & Payload markets: Analysis of the key markets in each region, providing an analysis of the various Systems segments expected to be in demand in each region.

**Key Program Analysis:** Details of the top programs in each segment expected to be executed during the forecast period.

**Competitive landscape Analysis:** Analysis of competitive landscape of this industry. It provides an overview of key companies, together with insights such as key alliances, strategic initiatives and a brief financial analysis.

## **SCOPE**

Define and measure the Global Airborne ISR Platforms & Payload Market

Financial forecast of the Global Airborne ISR Platforms & Payload Market and its various sub-segments with respect to main geographies

Analyze and identify major market trends along with the factors driving or inhibiting the market growth

Analyze the effect of unpredictable, but realistic factors on the market

Study the company profiles of the major market players with their market share

Analyze competitive developments

## **REASONS TO BUY**

Determine prospective investment areas based on a detailed trend analysis of the Global Airborne ISR Platforms & Payload Market over the next eight years

Gain in-depth understanding about the underlying factors driving demand for different systems segments in the top spending countries across the world and identify the opportunities offered by each of them

Strengthen your understanding of the market in terms of demand drivers, industry trends, and the latest technological developments, among others

Identify the major channels that are driving the global small sat business, providing a clear picture about future opportunities that can be tapped, resulting in revenue expansion

Channelize resources by focusing on the ongoing programs that are being undertaken by the ministries of different countries within the small sat market

Make correct business decisions based on thorough analysis of the total competitive landscape of the sector with detailed profiles of the top systems providers around the world which include information about their products, alliances, recent contract wins and financial analysis wherever available

#### Related studies:

Global C4ISR - Market and Technology Forecast to 2027

Global Military Communications - Market and Technology Forecast to 2027

Global Commercial and Military Satellite Communications (SatCom) Market and Technology Forecast to 2025

Global Commercial Avionics Market and Technology Forecast to 2026

Global Military Avionics Market and Technology Forecast to 2026

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