

# **Global Aerospace & Defense Ducting Systems Market by Aircraft Type (Commercial, Regional, General Aviation, Helicopter, and Military Aircraft), by Ducts Type (Rigid / Semi Rigid, Flexible, and Others), by Application (Airframe, Engine, and Others), by Pressure Type (Low Pressure and High Pressure), by Materials Type (Titanium & alloys, Stainless Steel & Alloys, Composites, and Others), and by Region (North America, Europe, Asia-Pacific, and RoW), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021**

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## **Abstracts**

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the global aerospace and defense ducting systems market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Aerospace and Defense Ducting Systems Market: Highlights

The ducting system is used in the low as well as high pressure and temperature areas of fixed winged and rotary winged aircraft, for both civil and military applications.

High pressure ducting systems are deployed throughout the aircraft, from the engines,

through the fuselage, to the leading edges of the wings. The major applications of high pressure ducting systems are environmental control systems (ECS), engine bleed air, thermal anti-ice systems, APU air intake/exhaust, fuel tank inerting systems and engine starter duct systems. All the major players are using high temperature metals, such as titanium and stainless steel, and composites to provide optimum ducting system solutions.

Low pressure ducts are used in the low temperature and low pressure applications, such as cabin sidewall riser duct, transition duct, acoustic silencer, windscreen demisting, flight deck air distribution, flight deck instrumentation cooling, avionics ventilation, cabin recirculation, and air conditioned supply. Composites and aluminum are the most preferred materials for low pressure ducting systems.

The aerospace & defense ducting systems market offers a robust growth opportunity during the forecast period of 2016 to 2021. High pressure ducting system segment is likely to remain the largest type during the forecast period. Composite ducts are likely to gain share in the next five years by replacing the metallic ducts.

Commercial aircraft is expected to remain the growth engine of the global aerospace & defense ducting systems market during the forecast period. North America is expected to remain the largest market for ducting system in the next five years. Asia-Pacific region is likely to experience the fastest growth during the forecast period, driven by demand of ducting systems in emerging economies, such as China and India.

The supply chain of this market comprises raw material manufacturers, ducting system manufacturers, engine OEMs, and aircraft OEMs, and airline companies. The key aerospace engine manufacturers are CFM, GE Aviation Engines, and Pratt & Whitney and key aircraft OEMs are Boeing, Airbus, Lockheed Martin, Bombardier, Embraer, ATR, Cessna, and Gulfstream.

The key ducting system manufacturers for aerospace & defense industry are Senior Aerospace, Eaton Aerospace, Zodiac Aerospace, ITT Aerospace, Flexfab, and Unison Industries. New product development, long term contracts, and collaboration with OEMs are the key strategies adopted by the key players to gain competitive edge in the market.

## **RESEARCH METHODOLOGY**

This report offers high quality insights and is the outcome of detailed research

methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 2,000 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. More than 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

## REPORT FEATURES

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The global aerospace & defense ducting systems market is segmented into the

following categories.

#### Global Aerospace & Defense Ducting System Market by Aircraft Type:

Commercial Aircraft

Regional Aircraft

General Aviation

Helicopter

Military Aircraft

#### Global Aerospace & Defense Ducting Systems Market by Duct Type:

Rigid/Semi Rigid Ducts

Flexible Ducts

Others

#### Global Aerospace & Defense Ducting Systems Market by Applications:

Airframe

Engine

Others

#### Global Aerospace & Defense Ducting Systems Market by Pressure Type:

Low Pressure

High Pressure

## Global Aerospace & Defense Ducting Systems Market by Materials:

Titanium and Titanium Alloys

Stainless Steel and Alloys

Composites

Others

## Global Aerospace & Defense Ducting Systems Market by Region:

North America

Europe

Asia – Pacific

Rest of the World

## REPORT CUSTOMIZATION OPTIONS

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

### Company Profiling

Detailed profiling of additional market players (upto 3)

SWOT analysis of key players (upto 3)

### Geographic Analysis

Further segmentation of North America into USA, Canada, and Mexico

## Regional Segmentation

Current market segmentation of any one of the regions by application

Custom Research: Stratview research offers custom research services across the sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your enquiry at [sales@stratviewresearch.com](mailto:sales@stratviewresearch.com).

## Contents

Disclaimer  
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Abbreviation  
Currency Exchange  
About Us  
Research Methodology  
Secondary Research  
Key Information Gathered from Secondary Research  
Primary Research  
Key Information Gathered from Primary Research  
Breakdown of Primary Interviews by Region, Designation, and Value Chain Node  
Data Analysis and Triangulation  
Report Scope  
Report Objectives

### **1. EXECUTIVE SUMMARY**

### **2. INDUSTRY OVERVIEW**

2.1. Introduction  
2.2. Supply Chain Analysis  
2.3. Market Segmentation  
    2.3.1. By Aircraft Type  
    2.3.2. By Duct Type  
    2.3.3. By Application Segment  
    2.3.4. By Pressure Type  
    2.3.5. By Materials Type  
    2.3.6. By Region

### **3. MARKET ENVIRONMENT ANALYSIS**

3.1. PEST Analysis: Impact Assessment of Changing Business Environment  
3.2. Market Drivers  
3.3. Market Constraints  
3.4. Porter Five Forces Analysis  
    3.4.1. Bargaining Power of Suppliers  
    3.4.2. Bargaining Power of Customers

- 3.4.3. Threat of New Entrants
- 3.4.4. Threat of Substitutes
- 3.4.5. Competitive Rivalry
- 3.5. SWOT Analysis

#### **4. GLOBAL AEROSPACE & DEFENSE DUCTING SYSTEM MARKET – BY AIRCRAFT TYPE**

- 4.1. Strategic Insights
- 4.2. Global Aerospace & Defense Ducting System by Aircraft Type in 2015
- 4.3. Global Aerospace & Defense Ducting System Market Trend and Forecast by Aircraft Type (US\$ Million)
- 4.4. Growth Magnitude of the Global Aerospace & Defense Ducting System Market by Aircraft Type
- 4.5. Commercial Aircraft Ducting System Market Trend and Forecast (US\$ Million)
- 4.6. Regional Aircraft Ducting System Market Trend and Forecast (US\$ Million)
- 4.7. General Aviation Ducting System Market Trend and Forecast (US\$ Million)
- 4.8. Helicopter Ducting System Market Trend and Forecast (US\$ Million)
- 4.9. Military Aircraft Ducting System Market Trend and Forecast (US\$ Million)

#### **5. GLOBAL AEROSPACE & DEFENSE DUCTING SYSTEM MARKET – BY DUCT TYPE**

- 5.1. Strategic Insights
- 5.2. Global Aerospace & Defense Ducting System by Duct Type in 2015
- 5.3. Global Aerospace & Defense Ducting System Market Trend and Forecast by Duct Type (US\$ Million)
- 5.4. Growth Magnitude of the Global Aerospace & Defense Ducting System Market by Duct Type
- 5.5. Rigid / Semi Rigid Ducting System Market Trend and Forecast (US\$ Million)
- 5.6. Flexible Ducting System Market Trend and Forecast (US\$ Million)
- 5.7. Other Ducting System Market Trend and Forecast (US\$ Million)

#### **6. GLOBAL AEROSPACE & DEFENSE DUCTING SYSTEM MARKET – BY APPLICATION SEGMENT**

- 6.1. Strategic Insights
- 6.2. Global Aerospace & Defense Ducting System by Application Segment in 2015
- 6.3. Global Aerospace & Defense Ducting System Market Trend and Forecast by



Application Segment (US\$ Million)

6.4. Growth Magnitude of the Global Aerospace & Defense Ducting System Market by Application Segment

6.5. Airframe Segment: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

6.6. Engine Segment: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

6.7. Others Segment: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

## **7. GLOBAL AEROSPACE & DEFENSE DUCTING SYSTEM MARKET – BY PRESSURE TYPE**

7.1. Strategic Insights

7.2. Global Aerospace & Defense Ducting System by Pressure Type in 2015

7.3. Global Aerospace & Defense Ducting System Market Trend and Forecast by Pressure Type (US\$ Million)

7.4. Growth Magnitude of the Global Aerospace & Defense Ducting System Market by Pressure Type

7.5. Low Pressure Ducting System Market Trend and Forecast (US\$ Million)

7.6. High Pressure Ducting System Market Trend and Forecast (US\$ Million)

## **8. GLOBAL AEROSPACE & DEFENSE DUCTING SYSTEM MARKET – BY MATERIALS TYPE**

8.1. Strategic Insights

8.2. Global Aerospace & Defense Ducting System by Material Type in 2015

8.3. Global Aerospace & Defense Ducting System Market Trend and Forecast by Material Type (US\$ Million)

8.4. Growth Magnitude of the Global Aerospace & Defense Ducting System Market by Material Type

8.5. Titanium & Titanium Alloys: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

8.6. Stainless Steel & Alloys: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

8.7. Composites: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

8.8. Other Materials: Global Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

## **9. GLOBAL AEROSPACE & DEFENSE DUCTING SYSTEM MARKET – BY REGION**

- 9.1. Strategic Insights
- 9.2. Global Aerospace & Defense Ducting System by Region in 2015
- 9.3. Global Aerospace & Defense Ducting System Market Trend and Forecast by Region (US\$ Million)
- 9.4. Growth Magnitude of the Global Aerospace & Defense Ducting System Market by Region
- 9.5. North America: Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)
- 9.6. Europe: Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)
- 9.7. Asia-Pacific: Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)
- 9.8. Rest of the World: Aerospace & Defense Ducting System Market Trend and Forecast (US\$ Million)

## **10. COMPETITIVE ANALYSIS**

- 10.1. Strategic Insights
- 10.2. Product Portfolio Analysis
- 10.3. Presence by Applications
- 10.4. Geographical Presence
- 10.5. New Product Launches
- 10.6. Mergers and Acquisitions
- 10.7. Market Share Analysis

## **11. STRATEGIC GROWTH OPPORTUNITIES**

- 11.1. Strategic Insights
- 11.2. Market Attractive Analysis
  - 11.2.1. Market Attractiveness by Aircraft Type
  - 11.2.2. Market Attractiveness by Application Segment
  - 11.2.3. Market Attractiveness by Pressure Type
  - 11.2.4. Market Attractiveness by Materials Type
  - 11.2.5. Market Attractiveness by Sales Channel
  - 11.2.6. Market Attractiveness by Region
- 11.3. Emerging Trends

11.4. Key Success Factors

11.5. Growth Matrix Analysis

## **12. COMPANY PROFILE OF KEY PLAYERS**

12.1. Eaton Aerospace

12.2. Flexfab

12.3. ITT Aerospace

12.4. Senior Aerospace

12.5. Steico Industries

12.6. Unison Industries

12.7. Zodiac Aerospace

## I would like to order

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