

# Global Airborne LiDAR System Market: Focus on Hardware, Software and Services; Platforms, and End-Users- Analysis and Forecast: 2017 to 2021

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## Abstracts

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The airborne LiDAR system market has witnessed a high growth rate owing to significant demand for airborne imaging systems across the globe, owing to the technical superiority of LiDARs as compared to conventional sensors, such as radar and camera, and rise in the demand for miniaturized Micro-Electro Mechanical Systems (MEMS) sensors. The recent innovations in LiDAR equipment and services enable the airborne LiDAR technology to reach a wider segment of consumers in the industry. The companies are developing relatively low-cost, compact, and lightweight airborne LiDAR systems, which facilitate the enhanced remote sensing services as compared to the traditional technologies. This, in effect, is expected to increase competition soon as well as facilitate the utilization of airborne LiDAR system for varied applications, including forestry management and planning, flood modelling, pollution modelling, mapping and cartography, urban planning, coastline management, and transport planning, among others. Utilization of LiDARs for capturing rail data, emerging applications of LiDAR sensor, and innovations in LiDAR technology are the major factors which are expected to create lucrative opportunities for the market players in the next five years. The market is filled with advancements in airborne LiDAR system for ground navigation and traffic management. The airborne mapping industry is currently witnessing rapid growth in the deployment of airborne LiDAR systems for earth science and forestry applications. Upcoming airborne mapping technologies, combined with LiDARs, are displacing traditional methods of controlling and monitoring in ground mapping services. The major focus of the airborne mapping industry is to make the systems and services more affordable and consequently more accessible to a broad range of end users. In terms of

revenue, the airborne LiDAR system market generated \$732.4 million in the year 2016, including systems and services.

Following points provide a concrete description of the report content and the topics covered in the report:

What was the size, in terms of revenue and volume, of the airborne LiDAR system market in 2016, and what will be the growth rate during the forecast period, 2017-2021?

What is the market size of systems and services market, wherein systems included hardware and software?

What was the market value of different platforms deploying airborne LiDAR systems in 2016? What are the technological advancements and opportunities for the stakeholders across different platforms?

What is the market size of airborne LiDAR system based on different end users, including aerospace & defense, earth science & research, civil engineering, forestry & agriculture, mining industry, and ground transportation & logistics?

What is the market size of airborne LiDAR system based on different geographical regions and respective leading nations? Furthermore, what is the market size of systems and services market in these regions?

What are the key trends and opportunities in the airborne LiDAR system market, across different regions and respective countries?

What are the major driving forces that are expected to increase the demand of airborne LiDAR system during the forecast period?

What are the major challenges inhibiting the growth of the global airborne LiDAR system market?

What kind of new strategies are being adopted by the existing market players to make a mark in the industry?

What is the competitive strength of the key players in the airborne LiDAR system market by analyzing through competitive benchmarking model?

Who are the key players operating in the market, along with their business financials, company snapshots, key products & services, major developments, SWOT analysis and future programs?

## Contents

### EXECUTIVE SUMMARY

### 1 RESEARCH SCOPE & METHODOLOGY

- 1.1 Scope of the Report
- 1.2 Global Airborne LiDAR System Market Research Methodology

### 2 MARKET DYNAMICS

- 2.1 Drivers
  - 2.1.1 High Demand for Airborne Imaging Systems
  - 2.1.2 Superiority of LiDARs as Compared to Conventional Sensors
  - 2.1.3 Rise in the Demand for Miniaturized Micro-Electro Mechanical Systems (MEMS) Sensors
- 2.2 Challenges
  - 2.2.1 High Price of LiDARs
  - 2.2.2 Complex Design and Development of LiDARs
- 2.3 Opportunities
  - 2.3.1 Utilization of LiDARs for Rail Data Capture
  - 2.3.2 Emerging Applications of LiDAR Sensor
  - 2.3.3 Innovations in LiDAR Technology

### 3 COMPETITIVE INSIGHTS

- 3.1 Key Market Developments and Strategies
  - 3.1.1 Recent Product Launches
  - 3.1.2 Partnerships, Joint Ventures, and Collaborations
  - 3.1.3 Mergers and Acquisitions
  - 3.1.4 Others
- 3.2 Airborne LiDAR Start-Ups, 2011-2016
- 3.3 Competitive Benchmarking

### 4 INDUSTRY ANALYSIS

- 4.1 Evolution of Airborne LiDAR and Technological Advancements
- 4.2 Regulatory Overview of Airborne LiDAR System Market
- 4.3 Patent Analysis

#### 4.4 Value Chain Analysis

##### 4.4.1 Pricing Analysis of Airborne LiDAR System

### **5 GLOBAL AIRBORNE LIDAR SYSTEM MARKET**

#### 5.1 Assumptions and Limitations

#### 5.2 Market Overview

##### 5.2.1 Market Definition

### **6 GLOBAL AIRBORNE LIDAR SYSTEM MARKET BY SYSTEMS AND SERVICES**

#### 6.1 Market Overview

#### 6.2 Airborne LiDAR Systems Market

##### 6.2.1 Hardware

##### 6.2.2 Software

##### 6.2.3 Airborne LiDAR Systems Market by End User\*

#### 6.3 Airborne LiDAR Services Market

##### 6.3.1 Airborne LiDAR Services Market by End User\*

### **7 GLOBAL AIRBORNE LIDAR SYSTEM MARKET BY PLATFORM**

#### 7.1 Market Overview

#### 7.2 Unmanned Aerial Vehicle (UAV)

##### 7.2.1 Unmanned Aerial Vehicle (UAV) Airborne LiDAR System Market by End User\*

#### 7.3 Aircraft (Fixed-Wing and Rotary-Wing)

##### 7.3.1 Aircraft Airborne LiDAR System Market by End User\*

#### 7.4 Satellite

##### 7.4.1 Satellite Airborne LiDAR System Market by End User\*

### **8 GLOBAL AIRBORNE LIDAR SYSTEM MARKET BY REGION**

#### 8.1 Market Overview

#### 8.2 North America

##### 8.2.1 North America Airborne LiDAR System Market by Systems and Services

##### 8.2.2 The U.S. Airborne LiDAR System Market

##### 8.2.3 Canada Airborne LiDAR System Market

#### 8.3 Europe

##### 8.3.1 Europe Airborne LiDAR System Market by Systems and Services

##### 8.3.2 The U.K. Airborne LiDAR System Market

- 8.3.3 Germany Airborne LiDAR System Market
- 8.3.4 France Airborne LiDAR System Market
- 8.3.5 Russia Airborne LiDAR System Market
- 8.3.6 Rest of Europe Airborne LiDAR System Market

#### 8.4 Asia-Pacific

- 8.4.1 Asia-Pacific Airborne LiDAR System Market by Systems and Services
- 8.4.2 China Airborne LiDAR System Market
- 8.4.3 India Airborne LiDAR System Market
- 8.4.4 Japan Airborne LiDAR System Market
- 8.4.5 Rest of Asia-Pacific Airborne LiDAR System Market

#### 8.5 Rest of the World (RoW)

- 8.5.1 Rest of the World Airborne LiDAR System Market by Systems and Services
- 8.5.2 Middle East and Africa (MEA) Airborne LiDAR System Market
- 8.5.3 Latin America Airborne LiDAR System Market

## 9 COMPANY PROFILE

### 9.1 3D Laser Mapping Ltd.

- 9.1.1 Company Overview
- 9.1.2 Product Offerings
- 9.1.3 SWOT Analysis

### 9.2 Airborne Imaging Inc.

- 9.2.1 Company Overview
- 9.2.2 Service Offerings
- 9.2.3 SWOT Analysis

### 9.3 Faro Technologies Inc.

- 9.3.1 Company Overview
- 9.3.2 Product Offerings
- 9.3.3 Financials
- 9.3.4 SWOT Analysis

### 9.4 FLIR Systems, Inc.

- 9.4.1 Company Overview
- 9.4.2 Product Offerings
- 9.4.3 Financials
- 9.4.4 SWOT Analysis

### 9.5 Lasermat Inc.

- 9.5.1 Company Overview
- 9.5.2 Product Offerings
- 9.5.3 SWOT Analysis

- 9.6 LeddarTech Inc.
  - 9.6.1 Company Overview
  - 9.6.2 Product Offerings
  - 9.6.3 SWOT Analysis
- 9.7 Leica Geosystems AG - Part of Hexagon AB
  - 9.7.1 Company Overview
  - 9.7.2 Product Offerings
  - 9.7.3 SWOT Analysis
- 9.8 Leosphere SaS
  - 9.8.1 Company Overview
  - 9.8.2 Product Offerings
  - 9.8.3 SWOT Analysis
- 9.9 Phoenix LiDAR Systems LLC
  - 9.9.1 Company Overview
  - 9.9.2 Product Offerings
  - 9.9.3 SWOT Analysis
- 9.10 Quanergy Systems, Inc.
  - 9.10.1 Company Overview
  - 9.10.2 Product Offerings
  - 9.10.3 SWOT Analysis
- 9.11 rapidlasso GmbH
  - 9.11.1 Company Overview
  - 9.11.2 Product Offerings
  - 9.11.3 SWOT Analysis
- 9.12 RIEGL Laser Measurement Systems GmbH
  - 9.12.1 Company Overview
  - 9.12.2 Product Offerings
  - 9.12.3 SWOT Analysis
- 9.13 Teledyne Optech Inc.
  - 9.13.1 Company Overview
  - 9.13.2 Product Offerings
  - 9.13.3 Financials
  - 9.13.4 SWOT Analysis
- 9.14 Trimble Inc.
  - 9.14.1 Company Overview
  - 9.14.2 Product Offerings
  - 9.14.3 Financials
  - 9.14.4 SWOT Analysis
- 9.15 Velodyne LiDAR, Inc.

- 9.15.1 Company Overview
- 9.15.2 Product Offerings
- 9.15.3 SWOT Analysis
- 9.16 YellowScan SAS
  - 9.16.1 Company Overview
  - 9.16.2 Product Offerings
  - 9.16.3 SWOT Analysis

## **10 APPENDIX**

- 10.1 Related Reports



## List Of Tables

### LIST OF TABLES

Table 2.1 LiDAR: Comparison with Traditional Sensors

Table 3.1 Recent Product Launches

Table 3.2 Partnerships, Joint Ventures, and Collaborations

Table 3.3 Mergers and Acquisitions

Table 3.4 Others

Table 3.5 Airborne LiDAR Emerging Start-Ups, 2009-2016

Table 4.1 LiDAR Survey System: Recommended RTCA and ISO Qualification Criteria

Table 4.2 Aviation Regulatory Authorities by Country

Table 4.3 Patent Analysis: Long Range LiDAR System and Method for Compensating the Effect of Scanner Motion

Table 4.4 Patent Analysis: Low Photon Count Timing

Table 4.5 Patent Analysis: Systems and Methods for Extracting Information about Objects from Scene Information

Table 4.6 Patent Analysis: Method and Apparatus for Direct Detection, Location, Analysis, Identification, and Reporting of Vegetation Clearance Violations

Table 6.1 Global Airborne LiDAR System Market by Systems and Services, 2016-2021

Table 6.2 Comparison of Different Modes of Airborne LiDARs

Table 7.1 Global Airborne LiDAR System Market, by Platform, 2016-2021

Table 8.1 Global Airborne LiDAR System Market by Region, 2016-2021

## List Of Figures

### LIST OF FIGURES

Figure 1 Airborne LiDAR Remote Sensing Applications

Figure 2 Global Airborne LiDAR System Market by Value and Volume, 2016-2021

Figure 3 Global Airborne LiDAR System Market by Systems and Services, 2016-2021 (\$Million)

Figure 4 Global Airborne LiDAR System Market by Platform, 2016–2021 (\$Million)

Figure 5 Market of Different End Users in Global Airborne LiDAR System Market

Figure 6 Global Airborne LiDAR System Market by Region, 2016-2021 (\$Million)

Figure 1.1 Global Airborne LiDAR System Market Segmentation

Figure 1.2 Secondary Data Sources

Figure 1.3 Top-Down and Bottom-Up Approach

Figure 1.4 Global Airborne LiDAR System Market Influencing Factors

Figure 1.5 Assumptions and Limitations

Figure 2.1 Global Airborne LiDAR System Market: Impact Analysis on Market Drivers, Challenges, and Opportunities

Figure 2.2 Comparison of Multiple Factors between Different Airborne Imaging Platforms

Figure 2.3 Failures due to Complexity of the LiDAR System

Figure 2.4 Different Means of Data Collection through LiDAR for Mapping Rail

Figure 2.5 Opportunity Areas for LiDAR Technology

Figure 3.1 Some of the Organic and Inorganic Growth Strategies Adopted in the Market

Figure 3.2 Share of Key Developments and Strategies

Figure 3.3 Number of Strategic Developments by Leading Companies, 2013 – 2018

Figure 3.4 Airborne LiDAR: Competitive Benchmarking

Figure 4.1 Factors Affecting Accuracy of Airborne LiDAR

Figure 4.2 Airborne LiDAR: Technological Developments

Figure 4.3 Airborne LiDAR: Safety Features

Figure 4.4 Percentage of Patents Published in Global Airborne LiDAR System Market: 2010-2017

Figure 4.5 Number of Patents Assigned by Leading Companies in Airborne LiDAR System Market (till December 2017)

Figure 4.6 Airborne LiDAR: Value Chain Analysis

Figure 4.7 Computational Steps Affecting the Design of an Airborne LiDAR System

Figure 4.8 Airborne LiDAR: Component Sourcing Cost Scenario

Figure 5.1 Global Airborne LiDAR System Market by Value and Volume, 2016-2021

Figure 6.1 Classification of Airborne LiDAR System Market by Systems and Services

Figure 6.2 Global Airborne LiDAR System Market, by Systems and Services, 2016-2021 (\$Million)

Figure 6.3 Airborne LiDAR Hardware Market Size, 2016-2021 (\$Million)

Figure 6.4 Airborne LiDAR Software Market Size, 2016-2021 (\$Million)

Figure 6.5 Airborne LiDAR Systems Market Share by End User, 2016 and 2021

Figure 6.6 Airborne LiDAR Services Market Size, 2016-2021 (\$Million)

Figure 6.7 Airborne LiDAR Services for Different End Users

Figure 6.8 Airborne LiDAR Services Market Share by End User, 2016 and 2021

Figure 7.1 Classification of Airborne LiDAR System Market by Platform

Figure 7.2 Global Airborne LiDAR System Market by Platform, 2016-2021 (\$Million)

Figure 7.3 Airborne LiDAR System Market Size for UAV Platform, 2016-2021 (\$Million)

Figure 7.4 Airborne LiDAR System Market for UAV Platform by End User, 2016-2021 (\$Million)

Figure 7.5 Airborne LiDAR System Market Size for Aircraft Platform, 2016-2021 (\$Million)

Figure 7.6 Airborne LiDAR System Market for Aircraft Platform by End User, 2016-2021 (\$Million)

Figure 7.7 Airborne LiDAR System Market Size for Satellite Platform, 2016-2021 (\$Million)

Figure 7.8 Airborne LiDAR System Market for Satellite Platform by End User, 2016-2021 (\$Million)

Figure 8.1 Classification of Airborne LiDAR System Market by Region

Figure 8.2 Global Airborne LiDAR System Market, by Region, 2016-2021 (\$Million)

Figure 8.3 North America Airborne LiDAR System Market, by Country

Figure 8.4 North America Airborne LiDAR System Market Analysis by Systems and Services

Figure 8.5 U.S. Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.6 Canada Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.7 Europe Airborne LiDAR System Market, by Country

Figure 8.8 Europe Airborne LiDAR System Market Analysis by Systems and Services

Figure 8.9 U.K. Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.10 Germany Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.11 France Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.12 Russia Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.13 Rest of Europe Airborne LiDAR System Market Size, 2016-2021 (\$Million)

Figure 8.14 Asia-Pacific Airborne LiDAR System Market, by Country

Figure 8.15 Asia-Pacific Airborne LiDAR System Market Analysis by Systems and Services

Figure 8.16 China Airborne LiDAR System Market Size, 2016-2021 (\$Million)

- Figure 8.17 India Airborne LiDAR System Market Size, 2016-2021 (\$Million)
- Figure 8.18 Japan Airborne LiDAR System Market Size, 2016-2021 (\$Million)
- Figure 8.19 Rest of Asia-Pacific Airborne LiDAR System Market Size, 2016-2021 (\$Million)
- Figure 8.20 Rest of the World Airborne LiDAR System Market by Region
- Figure 8.21 Rest of the World Airborne LiDAR System Market Analysis by Systems and Services
- Figure 8.22 Middle East and Africa Airborne LiDAR System Market Size, 2016-2021 (\$Million)
- Figure 8.23 Latin America Airborne LiDAR System Market Size, 2016-2021 (\$Million)
- Figure 9.1 3D Laser Mapping Ltd.: Product Offerings
- Figure 9.2 Airborne Imaging Inc.: Service Offerings
- Figure 9.3 Faro Technologies Inc.: Product Offerings
- Figure 9.4 Faro Technologies Inc. – Overall Financials, 2014-2016
- Figure 9.5 Faro Technologies Inc. – Revenue by Business Segment, 2014-2016
- Figure 9.6 Faro Technologies Inc. – Share in Overall Revenue, by Region, 2014-2016
- Figure 9.7 FLIR Systems, Inc.: Product Offerings
- Figure 9.8 FLIR Systems, Inc. – Overall Financials, 2014-2016
- Figure 9.9 FLIR Systems, Inc. – Revenue by Business Segment, 2014-2016
- Figure 9.10 FLIR Systems, Inc. – Share in Overall Revenue, by Region, 2014-2016
- Figure 9.11 Lasermap Inc.: Product Offerings
- Figure 9.12 LeddarTech Inc.: Product Offerings
- Figure 9.13 Leica Geosystems AG: Product Offerings
- Figure 9.14 Leosphere SaS: Product Offerings
- Figure 9.15 Phoenix LiDAR Systems LLC: Product Offerings
- Figure 9.16 Quanergy Systems, Inc.: Product Offerings
- Figure 9.17 rapidlasso GmbH: Product Offerings
- Figure 9.18 RIEGL Laser Measurement Systems GmbH: Product Offerings
- Figure 9.19 Teledyne Optech Inc.: Product Offerings
- Figure 9.20 Teledyne Technologies, Inc. – Overall Financials, 2014-2016
- Figure 9.21 Teledyne Technologies, Inc. – Revenue by Business Segment, 2014-2016
- Figure 9.22 Teledyne Technologies, Inc. – Share in Overall Revenue, by Region, 2014-2016
- Figure 9.23 Trimble Inc.: Product Offerings
- Figure 9.24 Trimble Inc. – Overall Financials, 2014-2016
- Figure 9.25 Trimble Inc. – Revenue by Business Segment, 2014-2016
- Figure 9.26 Trimble Inc. – Share in Overall Revenue, by Region, 2014-2016
- Figure 9.27 Velodyne LiDAR, Inc.: Product Offerings
- Figure 9.28 YellowScan SAS: Product Offerings

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