

Drone Services Market by Type (Platform Service, MRO, and Training and Simulation), Application, Industry, Solution (End-To-End, Point), and Region(North America, Europe, Asia Pacific, Middle East and Row) - Global Forecast to 2028

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Abstracts

The drone services market is estimated to grow from USD 17.0 Billion in 2023 to USD 57.8 Billion by 2028, at a CAGR of 27.7% from 2023 to 2028. North America is estimated to account for the largest share of the drone services market in 2023.

Drone services are rapidly displacing conventional applications in the commercial sector, such as aerial surveys, cinematography, and search & rescue. Drones can be operated for extended periods either remotely by human operators or autonomously by onboard computers. The increased adoption of drone services in various civil and commercial applications is driven by their exceptional endurance and cost-effectiveness. Furthermore, the integration of emerging technologies like artificial intelligence, IoT, and cloud computing into drone services is anticipated to further boost their demand across various sectors.

In terms of categorization, the drone services market is divided into platform, MRO (Maintenance, Repair, and Operations); and simulation & training. Platform which encompasses flight piloting & operation, data analysis, and data processing. The platform segment is poised to exhibit the highest Compound Annual Growth Rate (CAGR) during the forecast period. This can be attributed to its superior data collection efficiency, cost-effectiveness, and the widespread accessibility of drone services worldwide.

Based on industry, includes segments such as construction & infrastructure, agriculture,

utility, oil & gas, mining, defense & law enforcement, media & entertainment, scientific research, insurance, aviation, marine, healthcare & social assistance, and transportation, logistics, & warehousing. Notably, the healthcare & social assistance segment is forecasted to experience the most substantial growth. This growth is attributed to the increased investments in this sector during the COVID-19 pandemic, particularly for the delivery of test samples and vaccines.

Based on solutions, the drone services market is segmented into end-to-end and point solutions. The end-to-end solution segment is expected to witness the highest growth during the forecast period due to the rising demand for comprehensive package solutions that encompass everything from piloting & operation to data analysis and data processing.

Based on application, the drone services market has been categorized into several segments, including inspection and monitoring, mapping and surveying, spraying and seeding, filming and photography, transport and delivery, and security, search, and rescue. Among these application areas, the transport and delivery segment is projected to be the predominant driver of market growth, characterized by the highest Compound Annual Growth Rate (CAGR) during the forecast period. This trend can be attributed to the increasing demand for expeditious package delivery services, particularly in the healthcare sector, which has seen heightened demand due to the outbreak of the pandemic.

“ North America is expected to hold the highest market share in 2023.”

North America is projected to maintain the predominant market share in 2023. This notable regional growth can be attributed to the burgeoning trend of online retail via e-commerce platforms and the favorable regulatory framework established by the Federal Aviation Administration (FAA) in the United States. Moreover, the increase in investments from prominent industry stakeholders to bolster emerging parcel service platforms is anticipated to be a significant driver of the regional market's expansion throughout the forecasted period.

The break-up of profile of primary participants in the drone services market:

By Company Type: Tier 1 – 49%, Tier 2 – 37%, and Tier 3 – 14%

By Designation: C Level – 55%, Director Level – 27%, and Others – 18%

By Region: North America – 55%, Europe – 27%, Asia Pacific – 9%, RoW – 9%

Winners of drone services market are Cyberhawk (UK), Sky-Futures Ltd. (UK), DroneDeploy Inc. (US), Terra Drone Corporation (Japan), PrecisionHawk (US), and Aerodyne Group (Malaysia). These key players offer drones applicable for various sector and have well-equipped and strong distribution networks across North America, Europe, Asia Pacific, Middle East and Rest of the World (RoW).

Research Coverage:

The drone services market has been categorized based on the type of services offered into three primary segments, namely, platform, maintenance, repair, and operations (MRO), and simulation and training. The platform segment further encompasses flight piloting and operation, data analysis, and data processing.

In terms of applications, the drone services market is divided into inspection and monitoring, mapping and surveying, spraying and seeding, filming and photography, transport and delivery, as well as security, search, and rescue.

The industry-based segmentation includes construction and infrastructure, agriculture, utility, oil and gas, mining, defense and law enforcement, media and entertainment, scientific research, insurance, aviation, marine, healthcare and social assistance, and transportation, logistics, and warehousing. These industries utilize a wide range of drone services, including inspection and monitoring, mapping and surveying, and filming and photography.

The drone services market, with regard to solutions, is categorized into end-to-end and point solutions. The end-to-end solution encompasses all platform services, such as piloting and operations, data analytics, and data processing. In contrast, point solutions are specific to piloting or data processing for applications such as surveying, inspection, and monitoring.

This report segments the drone services market across five key regions: North America, Europe, Asia Pacific, the Middle East, and the Rest of the World (ROW), along with their respective key countries. The report's scope includes in-depth information on significant factors, such as drivers, restraints, challenges, and opportunities that influence the growth of the drone services market.

A comprehensive analysis of major industry players has been conducted to provide insights into their business profiles, solutions, and services. This analysis also covers key aspects like agreements, collaborations, new product launches, contracts, expansions, acquisitions, and partnerships associated with the drone services market.

Reasons to buy this report:

This report serves as a valuable resource for market leaders and newcomers in the drone services market, offering data that closely approximates revenue figures for both the overall market and its subsegments. It equips stakeholders with a comprehensive understanding of the competitive landscape, facilitating informed decisions to enhance their market positioning and formulate effective go-to-market strategies for drone services. The report imparts valuable insights into the market dynamics, offering information on crucial factors such as drivers, restraints, challenges, and opportunities, enabling stakeholders to gauge the market's pulse.

The report provides insights on the following pointers:

Analysis of the key driver, restraint and there are several factors that could contribute to an increase in the drone services market

Market Penetration: Comprehensive information on drone services system offered by the top players in the market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the drone services market

Market Development: Comprehensive information about lucrative markets – the report analyzes the drone services market across varied regions

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the drone services market

Competitive Assessment: In-depth assessment of market shares, growth strategies and service offerings of leading players in the drone services market

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