

Unmanned Traffic Management Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Hardware, Software), By Application (Agriculture & Forestry, Logistics & Transportation, Surveillance & Monitoring), By End User (Drone Operators or Pilots, Recreational Users, Airports, Emergency Service & Local Authorities), By Region, and By Competition, 2019-2029F

<https://marketpublishers.com/r/U1BDAD6E6A53EN.html>

Date: June 2024

Pages: 185

Price: US\$ 4,900.00 (Single User License)

ID: U1BDAD6E6A53EN

Abstracts

Global Unmanned Traffic Management Market was valued at USD 1.13 Billion in 2023 and is anticipated to project robust growth in the forecast period with a CAGR 16.74% through 2029. The Global Unmanned Traffic Management (UTM) market is experiencing dynamic growth driven by the increasing integration of unmanned aerial vehicles (UAVs) into diverse sectors. With applications ranging from logistics and transportation to agriculture and surveillance, the demand for efficient and secure airspace management solutions is on the rise. UTM systems play a pivotal role in ensuring the safe coexistence of manned and unmanned aircraft, offering functionalities such as real-time tracking, collision avoidance, and dynamic route planning. The dominance of Drone Operators or Pilots, who utilize UAVs for professional and commercial purposes, is a key factor shaping the market's trajectory. The Logistics & Transportation segment, fueled by the demand for swift and cost-effective drone deliveries, stands out as a dominant force within the UTM landscape. The continuous technological advancements in UTM systems, supported by robust regulatory frameworks, contribute to the market's evolution. As the regulatory landscape adapts to accommodate the growing drone industry, North America emerges as a

frontrunner in UTM development, reflecting its technological leadership and proactive regulatory environment. With the UTM market becoming increasingly integral to modern airspace management, collaboration between public and private sectors remains crucial for fostering innovation, addressing regulatory challenges, and ensuring the safe and efficient integration of unmanned traffic on a global scale.

Key Market Drivers

Rapid Growth of Unmanned Aerial Vehicles (UAVs) and Drones:

The proliferation of unmanned aerial vehicles (UAVs) and drones across various industries is a primary driver of the global UTM market. The widespread adoption of UAVs for applications such as aerial surveillance, agriculture, delivery services, and infrastructure inspections has significantly increased the volume of unmanned traffic in airspace. As businesses and organizations leverage drones to enhance operational efficiency, the demand for a robust UTM infrastructure that can manage and coordinate diverse UAV operations becomes imperative. This driver reflects the escalating need for scalable and comprehensive UTM solutions to accommodate the surging growth of unmanned aerial activities.

Technological Advancements in UTM Systems:

Continuous technological advancements in UTM systems represent a key driver propelling the global market forward. Innovations in sensors, communication technologies, artificial intelligence, and machine learning contribute to the development of more sophisticated UTM solutions. Enhanced UTM capabilities, such as real-time tracking, automated collision avoidance, and dynamic airspace management, are becoming integral to ensuring the safe and efficient integration of unmanned aerial systems (UAS) into shared airspace. This driver highlights the industry's commitment to leveraging cutting-edge technologies to address the complexities of managing unmanned traffic and supporting the growth of the drone ecosystem.

Increasing Investments in UTM Infrastructure:

Growing investments in UTM infrastructure by governments, private enterprises, and aviation authorities are driving the expansion of the global UTM market. Recognizing the potential economic and societal benefits of unmanned aerial systems, stakeholders are allocating substantial resources to develop and deploy UTM solutions. Investments encompass the establishment of UTM testing sites, research and

development initiatives, and collaborations between industry players and regulatory bodies. This driver underscores the strategic importance placed on creating a robust UTM infrastructure that aligns with safety, regulatory compliance, and efficient airspace management.

Rising Demand for Beyond-Visual-Line-of-Sight (BVLOS) Operations:

The increasing demand for Beyond-Visual-Line-of-Sight (BVLOS) operations is a significant driver shaping the global UTM market. BVLOS operations involve the remote piloting of unmanned aerial vehicles (UAVs) beyond the operator's direct line of sight. BVLOS capabilities are essential for applications such as drone delivery services, infrastructure inspections, and large-scale agricultural monitoring. The ability to conduct BVLOS operations relies on advanced UTM systems that provide accurate tracking, communication, and collision avoidance mechanisms. This driver reflects the industry's response to the evolving needs of businesses and organizations seeking expanded operational ranges for their unmanned aerial systems.

Integration of UTM with Urban Air Mobility (UAM) Initiatives:

The integration of UTM solutions with Urban Air Mobility (UAM) initiatives is a driving force in the global UTM market. UAM envisions the use of unmanned aerial vehicles (UAVs) for urban transportation, transforming the way people and goods move within cities. UTM systems play a pivotal role in orchestrating and managing the complex aerial traffic associated with UAM. The collaboration between UTM and UAM fosters the development of infrastructure, regulations, and technologies necessary for safe and efficient urban airspace operations. This driver reflects the industry's recognition of UTM as an enabler of futuristic urban mobility solutions and underscores the need for adaptive and scalable UTM systems to support UAM initiatives.

Key Market Challenges

Integration with Legacy Air Traffic Management (ATM) Systems:

A significant challenge facing the global UTM market is the seamless integration of UTM systems with existing legacy Air Traffic Management (ATM) infrastructure. Traditional ATM systems are designed for manned aircraft, and accommodating the growing number of unmanned aerial vehicles (UAVs) introduces complexities. Bridging the technological and procedural gap between UTM and ATM systems is crucial for safe and efficient airspace management. Ensuring interoperability, communication protocols,

and coordinated decision-making processes between UTM and ATM systems is a challenge that demands collaboration among regulatory bodies, aviation authorities, and industry stakeholders.

Regulatory Compliance and Standardization:

Regulatory compliance and the establishment of standardized protocols present a formidable challenge in the global UTM market. As the drone industry continues to expand, regulatory bodies globally are grappling with defining rules and standards for UTM operations. The lack of harmonized regulations and standards hinders the development of a cohesive and interoperable UTM ecosystem. Overcoming this challenge requires extensive collaboration between governments, aviation authorities, and industry players to establish consistent and globally recognized frameworks that address safety, security, and operational standards for unmanned aerial systems (UAS).

Cybersecurity Concerns:

Cybersecurity poses a critical challenge to the UTM market as the increasing reliance on digital technologies introduces vulnerabilities that could be exploited by malicious actors. UTM systems, which heavily rely on interconnected networks and data exchange, are potential targets for cyber threats. Ensuring the integrity, confidentiality, and availability of UTM data is paramount to maintaining safe and secure operations. The challenge lies in developing robust cybersecurity measures, including encryption, authentication, and intrusion detection systems, to safeguard UTM infrastructure against cyberattacks and unauthorized access.

Infrastructure Readiness for Urban Air Mobility (UAM):

The advent of Urban Air Mobility (UAM) introduces infrastructure challenges that impact the global UTM market. Urban environments, where UAM is expected to flourish, lack the necessary infrastructure for efficient take-offs, landings, and navigation of unmanned aerial vehicles (UAVs). Developing UTM systems that can seamlessly integrate with existing urban infrastructure, including helipads and vertiports, is a challenge. Additionally, addressing the infrastructure requirements for charging stations, maintenance facilities, and ground-based communication systems is essential for the successful implementation of UAM and poses a complex challenge for UTM stakeholders.

Public Perception and Acceptance:

The public perception of unmanned aerial systems (UAS) and concerns related to privacy, safety, and noise pollution constitute a significant challenge for the UTM market. Widespread public acceptance is crucial for the successful integration of UAVs into shared airspace. Overcoming negative perceptions and addressing legitimate concerns related to safety and privacy require proactive communication, public awareness campaigns, and regulatory frameworks that address societal concerns. Building trust and fostering a positive perception of UAS operations is essential for the sustainable growth of the UTM market.

Key Market Trends

Integration of UTM Systems with Air Traffic Management (ATM):

A significant trend in the global UTM market is the seamless integration of UTM systems with traditional Air Traffic Management (ATM) infrastructure. As unmanned aerial vehicles (UAVs) become more pervasive in various industries, the need for a cohesive and interoperable airspace management system arises. Integration with ATM systems enables the safe and efficient integration of manned and unmanned aircraft in shared airspace. This trend highlights the industry's evolution toward a harmonized aviation ecosystem, where UTM plays a pivotal role in facilitating the safe coexistence of diverse aerial vehicles.

Development of Automated Detect-and-Avoid (DAA) Systems:

The advancement of automated Detect-and-Avoid (DAA) systems is a key trend shaping the UTM market. Ensuring the safety of unmanned aerial systems (UAS) in dynamic airspace requires robust DAA capabilities that can autonomously detect and navigate around potential collisions with other aircraft or obstacles. The evolution of sophisticated DAA technologies, often leveraging sensors, radar, lidar, and artificial intelligence, reflects a commitment to enhancing the safety and reliability of UAS operations. This trend is pivotal in unlocking the full potential of beyond-visual-line-of-sight (BVLOS) operations for various applications, including delivery services and infrastructure inspections.

Standardization and Regulatory Frameworks:

The establishment of standardized protocols and regulatory frameworks is a crucial

trend in the global UTM market. As the number of UAVs continues to rise, regulatory bodies worldwide are actively working on defining rules and standards to govern UTM operations. This trend involves collaboration between industry stakeholders, governments, and aviation authorities to create a regulatory environment that ensures safety, security, and standardized procedures for UAS operations. Standardization is essential for fostering a globally interoperable UTM ecosystem, enabling seamless cross-border drone operations and supporting the growth of the drone industry.

Integration of UTM with Smart City Initiatives:

The integration of UTM solutions with smart city initiatives is a trend that reflects the broader synergy between urban development and drone technologies. Cities are exploring the use of UAVs for tasks such as traffic monitoring, public safety, and infrastructure inspection. UTM systems are evolving to support these urban applications by providing real-time airspace management, route optimization, and coordination with ground-based infrastructure. This trend underscores the role of UTM in contributing to the development of smart and connected cities, where drones become integral components of urban mobility and services.

Emergence of UTM as a Service (UTMaaS):

The concept of UTM as a Service (UTMaaS) is gaining prominence as a trend in the global UTM market. UTMaaS involves the delivery of UTM functionalities as a cloud-based service, allowing organizations to access and utilize UTM capabilities on a subscription or on-demand basis. This trend addresses scalability, flexibility, and cost-effectiveness, enabling businesses and operators to leverage UTM services without heavy upfront investments in infrastructure. UTMaaS facilitates easy integration with existing operations, supporting a diverse range of applications from drone delivery services to agricultural monitoring.

Segmental Insights

Component Insights

Software segment dominated in the global unmanned traffic management market in 2023. The Software segment plays a pivotal and dominant role in the global Unmanned Traffic Management market. UTM, by its nature, relies heavily on sophisticated algorithms, real-time data processing, and advanced analytics to ensure the safe

and efficient integration of unmanned aerial vehicles (UAVs) into shared airspace. While Hardware components such as sensors, communication devices, and ground infrastructure are essential, it is the Software segment that orchestrates the intricate dance of unmanned traffic, providing the intelligence and decision-making capabilities necessary for dynamic airspace management.

The Software component encompasses a multifaceted range of functionalities crucial for UTM systems. These include real-time tracking of UAVs, automated collision avoidance mechanisms, dynamic route planning, and airspace coordination. The development of robust Software solutions is essential for addressing the complexities of managing diverse unmanned traffic scenarios, including Beyond-Visual-Line-of-Sight (BVLOS) operations and urban air mobility initiatives.

One of the key aspects of Software dominance lies in its adaptability and scalability. UTM systems require the flexibility to accommodate evolving regulations, changing airspace dynamics, and the integration of new technologies. Software solutions excel in providing this adaptability, allowing for seamless updates, integration of emerging technologies like artificial intelligence and machine learning, and the incorporation of standardized protocols.

Software segment is instrumental in addressing regulatory compliance challenges. As the regulatory landscape for unmanned aerial systems evolves, UTM systems must adhere to stringent standards and guidelines. Software solutions enable UTM providers to implement and update compliance features, ensuring that the system aligns with regional and international regulations. This capability is crucial for gaining regulatory approvals and fostering the safe and widespread adoption of UAS operations.

The dominance of Software in UTM is also evident in its role in fostering collaboration and interoperability. Effective UTM requires coordination among various stakeholders, including government agencies, aviation authorities, and drone operators. Software solutions facilitate seamless communication, data sharing, and interoperability, enabling a holistic approach to unmanned traffic management.

Application Insights

Logistics & Transportation segment dominated in the global unmanned traffic management market in 2023. The Logistics & Transportation segment stands out as the key driver within the global Unmanned Traffic Management market. This dominance is

rooted in the transformative impact that unmanned aerial vehicles (UAVs) and drones have on the logistics and transportation sectors, reshaping traditional paradigms and offering innovative solutions to long-standing challenges.

One of the primary contributors to Logistics & Transportation's dominance lies in the burgeoning demand for efficient and rapid delivery services. E-commerce giants and logistics companies are increasingly turning to UAVs to enhance last-mile delivery operations. This necessitates the implementation of robust UTM systems to manage the growing complexity of unmanned traffic, ensure airspace safety, and enable seamless integration of drones into existing transportation infrastructures.

The Logistics & Transportation segment's dominance is further emphasized by the significant cost and time efficiencies that drones bring to the supply chain. UAVs facilitate quick and direct deliveries, reducing transit times and operational costs compared to traditional methods. The imperative to optimize logistics processes and meet consumer expectations for faster deliveries propels the demand for advanced UTM solutions tailored to the unique challenges posed by transportation-related drone operations. Logistics & Transportation segment is a key driver in pushing the boundaries of regulatory frameworks. As the demand for drone deliveries grows, regulatory bodies are compelled to develop and adapt regulations to accommodate the unique requirements of Logistics & Transportation applications. The segment's prominence plays a crucial role in shaping the regulatory landscape, fostering collaboration between industry stakeholders, governments, and aviation authorities to establish guidelines that balance safety, efficiency, and innovation.

The Logistics & Transportation use case also underscores the significance of real-time tracking, dynamic route planning, and coordination capabilities within UTM systems. These features are essential for managing the intricate choreography of UAVs in transit, preventing collisions, and ensuring the seamless integration of drones into airspace shared with manned aircraft.

Regional Insights

North America dominates the Global Unmanned Traffic Management Market in 2023. North America, particularly the United States, is home to some of the world's leading technology and aerospace companies. The region has been at the forefront of innovation in the development of UTM solutions, leveraging its technological prowess to create cutting-edge systems that address the complexities of managing unmanned traffic. The presence of renowned research institutions, startups, and

industry leaders contributes to North America's technological leadership in the UTM market.

The United States, in particular, has established a proactive regulatory environment that fosters the growth of the UTM market. The Federal Aviation Administration (FAA) has been actively engaged in developing regulations and guidelines to facilitate the safe integration of drones into the national airspace. The regulatory clarity provided by the FAA encourages investments and deployments of UTM systems, contributing to the region's dominance. Other North American countries have also developed supportive regulatory frameworks, ensuring a conducive environment for UTM innovation.

North America has witnessed significant investments and funding in UTM initiatives, both from public and private sectors. Government agencies, venture capital firms, and technology companies are investing in the research, development, and deployment of UTM systems. These investments support the creation of advanced technologies, infrastructure, and collaborative initiatives that drive the growth of the UTM market in North America.

The region's leadership in the commercial drone sector contributes to its dominance in the UTM market. North American businesses are increasingly adopting drones for applications such as aerial surveying, agriculture, infrastructure inspection, and delivery services. As the demand for commercial drone operations rises, so does the need for robust UTM solutions to manage and coordinate the increasing unmanned traffic, positioning North America at the forefront of UTM development and implementation.

Key Market Players

DroneUp LLC

Thales Group

Altitude Angel Limited

Leonard S.p.A.

Frequentis AG

Unifly NV

%II%ANRA Technologies, LLC

%II%OneSky Systems Inc.

%II%Airbus SE

%II%Terra Drone Corporation

Report Scope:

In this report, the Global Unmanned Traffic Management Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

%II%Unmanned Traffic Management Market, By Component:

Hardware

Software

%II%Unmanned Traffic Management Market, By Application:

Agriculture & Forestry

Logistics & Transportation

Surveillance & Monitoring

%II%Unmanned Traffic Management Market, By End User:

Drone Operators or Pilots

Recreational Users

Airports

Emergency Service & Local Authorities

%II%Unmanned Traffic Management Market, By Region:

North America

%II%United States

%II%Canada

%II%Mexico

Europe

%II%Germany

%II%France

%II%United Kingdom

%II%Italy

%II%Spain

South America

%II%Brazil

%II%Argentina

%II%Colombia

Asia-Pacific

%II%China

%II%India

%II%Japan

%II%South Korea

%II%Australia

Middle East & Africa

%II%Saudi Arabia

%II%UAE

%II%South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Unmanned Traffic Management Market.

Available Customizations:

Global Unmanned Traffic Management Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

%II%Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Baseline Methodology
- 2.2. Key Industry Partners
- 2.3. Major Association and Secondary Sources
- 2.4. Forecasting Methodology
- 2.5. Data Triangulation & Validation
- 2.6. Assumptions and Limitations

3. EXECUTIVE SUMMARY

4. IMPACT OF COVID-19 ON GLOBAL UNMANNED TRAFFIC MANAGEMENT MARKET

5. VOICE OF CUSTOMER

6. GLOBAL UNMANNED TRAFFIC MANAGEMENT MARKET OVERVIEW

7. GLOBAL UNMANNED TRAFFIC MANAGEMENT MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Component (Hardware, Software)
 - 7.2.2. By Application (Agriculture & Forestry, Logistics & Transportation, Surveillance & Monitoring)
 - 7.2.3. By End User (Drone Operators or Pilots, Recreational Users, Airports, Emergency Service & Local Authorities)
 - 7.2.4. By Region (North America, Europe, South America, Middle East & Africa, Asia)

Pacific)

7.3. By Company (2023)

7.4. Market Map

8. NORTH AMERICA UNMANNED TRAFFIC MANAGEMENT MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Component

8.2.2. By Application

8.2.3. By End User

8.2.4. By Country

8.3. North America: Country Analysis

8.3.1. United States Unmanned Traffic Management Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Component

8.3.1.2.2. By Application

8.3.1.2.3. By End User

8.3.2. Canada Unmanned Traffic Management Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Component

8.3.2.2.2. By Application

8.3.2.2.3. By End User

8.3.3. Mexico Unmanned Traffic Management Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Component

8.3.3.2.2. By Application

8.3.3.2.3. By End User

9. EUROPE UNMANNED TRAFFIC MANAGEMENT MARKET OUTLOOK

9.1. Market Size & Forecast

- 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Component
 - 9.2.2. By Application
 - 9.2.3. By End User
 - 9.2.4. By Country
- 9.3. Europe: Country Analysis
 - 9.3.1. Germany Unmanned Traffic Management Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Component
 - 9.3.1.2.2. By Application
 - 9.3.1.2.3. By End User
 - 9.3.2. France Unmanned Traffic Management Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Component
 - 9.3.2.2.2. By Application
 - 9.3.2.2.3. By End User
 - 9.3.3. United Kingdom Unmanned Traffic Management Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Component
 - 9.3.3.2.2. By Application
 - 9.3.3.2.3. By End User
 - 9.3.4. Italy Unmanned Traffic Management Market Outlook
 - 9.3.4.1. Market Size & Forecast
 - 9.3.4.1.1. By Value
 - 9.3.4.2. Market Share & Forecast
 - 9.3.4.2.1. By Component
 - 9.3.4.2.2. By Application
 - 9.3.4.2.3. By End User
 - 9.3.5. Spain Unmanned Traffic Management Market Outlook
 - 9.3.5.1. Market Size & Forecast
 - 9.3.5.1.1. By Value
 - 9.3.5.2. Market Share & Forecast

- 9.3.5.2.1. By Component
- 9.3.5.2.2. By Application
- 9.3.5.2.3. By End User

10. SOUTH AMERICA UNMANNED TRAFFIC MANAGEMENT MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Component
 - 10.2.2. By Application
 - 10.2.3. By End User
 - 10.2.4. By Country
- 10.3. South America: Country Analysis
 - 10.3.1. Brazil Unmanned Traffic Management Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Component
 - 10.3.1.2.2. By Application
 - 10.3.1.2.3. By End User
 - 10.3.2. Colombia Unmanned Traffic Management Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Component
 - 10.3.2.2.2. By Application
 - 10.3.2.2.3. By End User
 - 10.3.3. Argentina Unmanned Traffic Management Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Component
 - 10.3.3.2.2. By Application
 - 10.3.3.2.3. By End User

11. MIDDLE EAST & AFRICA UNMANNED TRAFFIC MANAGEMENT MARKET OUTLOOK

- 11.1. Market Size & Forecast
 - 11.1.1. By Value
- 11.2. Market Share & Forecast
 - 11.2.1. By Component
 - 11.2.2. By Application
 - 11.2.3. By End User
 - 11.2.4. By Country
- 11.3. Middle East & Africa: Country Analysis
 - 11.3.1. Saudi Arabia Unmanned Traffic Management Market Outlook
 - 11.3.1.1. Market Size & Forecast
 - 11.3.1.1.1. By Value
 - 11.3.1.2. Market Share & Forecast
 - 11.3.1.2.1. By Component
 - 11.3.1.2.2. By Application
 - 11.3.1.2.3. By End User
 - 11.3.2. UAE Unmanned Traffic Management Market Outlook
 - 11.3.2.1. Market Size & Forecast
 - 11.3.2.1.1. By Value
 - 11.3.2.2. Market Share & Forecast
 - 11.3.2.2.1. By Component
 - 11.3.2.2.2. By Application
 - 11.3.2.2.3. By End User
 - 11.3.3. South Africa Unmanned Traffic Management Market Outlook
 - 11.3.3.1. Market Size & Forecast
 - 11.3.3.1.1. By Value
 - 11.3.3.2. Market Share & Forecast
 - 11.3.3.2.1. By Component
 - 11.3.3.2.2. By Application
 - 11.3.3.2.3. By End User

12. ASIA PACIFIC UNMANNED TRAFFIC MANAGEMENT MARKET OUTLOOK

- 12.1. Market Size & Forecast
 - 12.1.1. By Value
- 12.2. Market Share & Forecast
 - 12.2.1. By Component
 - 12.2.2. By Application
 - 12.2.3. By End User
 - 12.2.4. By Country

12.3. Asia Pacific: Country Analysis

12.3.1. China Unmanned Traffic Management Market Outlook

12.3.1.1. Market Size & Forecast

12.3.1.1.1. By Value

12.3.1.2. Market Share & Forecast

12.3.1.2.1. By Component

12.3.1.2.2. By Application

12.3.1.2.3. By End User

12.3.2. India Unmanned Traffic Management Market Outlook

12.3.2.1. Market Size & Forecast

12.3.2.1.1. By Value

12.3.2.2. Market Share & Forecast

12.3.2.2.1. By Component

12.3.2.2.2. By Application

12.3.2.2.3. By End User

12.3.3. Japan Unmanned Traffic Management Market Outlook

12.3.3.1. Market Size & Forecast

12.3.3.1.1. By Value

12.3.3.2. Market Share & Forecast

12.3.3.2.1. By Component

12.3.3.2.2. By Application

12.3.3.2.3. By End User

12.3.4. South Korea Unmanned Traffic Management Market Outlook

12.3.4.1. Market Size & Forecast

12.3.4.1.1. By Value

12.3.4.2. Market Share & Forecast

12.3.4.2.1. By Component

12.3.4.2.2. By Application

12.3.4.2.3. By End User

12.3.5. Australia Unmanned Traffic Management Market Outlook

12.3.5.1. Market Size & Forecast

12.3.5.1.1. By Value

12.3.5.2. Market Share & Forecast

12.3.5.2.1. By Component

12.3.5.2.2. By Application

12.3.5.2.3. By End User

13. MARKET DYNAMICS

- 13.1. Drivers
- 13.2. Challenges

14. MARKET TRENDS AND DEVELOPMENTS

15. COMPANY PROFILES

- 15.1. DroneUp LLC
 - 15.1.1. Business Overview
 - 15.1.2. Key Revenue and Financials
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel
 - 15.1.5. Key Product/Services Offered
- 15.2. Thales Group
 - 15.2.1. Business Overview
 - 15.2.2. Key Revenue and Financials
 - 15.2.3. Recent Developments
 - 15.2.4. Key Personnel
 - 15.2.5. Key Product/Services Offered
- 15.3. Altitude Angel Limited
 - 15.3.1. Business Overview
 - 15.3.2. Key Revenue and Financials
 - 15.3.3. Recent Developments
 - 15.3.4. Key Personnel
 - 15.3.5. Key Product/Services Offered
- 15.4. Leonardo S.p.A.
 - 15.4.1. Business Overview
 - 15.4.2. Key Revenue and Financials
 - 15.4.3. Recent Developments
 - 15.4.4. Key Personnel
 - 15.4.5. Key Product/Services Offered
- 15.5. Frequentis AG
 - 15.5.1. Business Overview
 - 15.5.2. Key Revenue and Financials
 - 15.5.3. Recent Developments
 - 15.5.4. Key Personnel
 - 15.5.5. Key Product/Services Offered
- 15.6. Unifly NV
 - 15.6.1. Business Overview

- 15.6.2. Key Revenue and Financials
- 15.6.3. Recent Developments
- 15.6.4. Key Personnel
- 15.6.5. Key Product/Services Offered
- 15.7. ANRA Technologies, LLC
 - 15.7.1. Business Overview
 - 15.7.2. Key Revenue and Financials
 - 15.7.3. Recent Developments
 - 15.7.4. Key Personnel
 - 15.7.5. Key Product/Services Offered
- 15.8. OneSky Systems Inc.
 - 15.8.1. Business Overview
 - 15.8.2. Key Revenue and Financials
 - 15.8.3. Recent Developments
 - 15.8.4. Key Personnel
 - 15.8.5. Key Product/Services Offered
- 15.9. Airbus SE
 - 15.9.1. Business Overview
 - 15.9.2. Key Revenue and Financials
 - 15.9.3. Recent Developments
 - 15.9.4. Key Personnel
 - 15.9.5. Key Product/Services Offered
- 15.10. Terra Drone Corporation
 - 15.10.1. Business Overview
 - 15.10.2. Key Revenue and Financials
 - 15.10.3. Recent Developments
 - 15.10.4. Key Personnel
 - 15.10.5. Key Product/Services Offered

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: Unmanned Traffic Management Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Hardware, Software), By Application (Agriculture & Forestry, Logistics & Transportation, Surveillance & Monitoring), By End User (Drone Operators or Pilots, Recreational Users, Airports, Emergency Service & Local Authorities), By Region, and By Competition, 2019-2029F

Product link: <https://marketpublishers.com/r/U1BDAD6E6A53EN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U1BDAD6E6A53EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970