

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, 2020-2030F

Market Report | 2025-11-27 | 185 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$4500.00
- Multi-User License \$5500.00
- Custom Research License \$8000.00

Report description:

Market Overview

The Global Unmanned Traffic Management Market, valued at USD 3.74 Billion in 2024, is projected to experience a CAGR of 16.98% to reach USD 9.58 Billion by 2030. Unmanned Traffic Management (UTM) refers to an evolving ecosystem designed for the safe and efficient integration of unmanned aircraft systems (UAS) into uncontrolled low-altitude airspace, operating in complement to conventional air traffic management systems. The market's growth is primarily driven by the expanding adoption of commercial drones across diverse sectors such as logistics, infrastructure inspection, and emergency services.

Key Market Drivers

The increasing adoption of commercial and recreational drones represents a fundamental driver for the Global Unmanned Traffic Management (UTM) Market, directly amplifying the complexity of airspace management and the necessity for integrated traffic solutions. As more unmanned aerial vehicles (UAVs) enter controlled and uncontrolled airspace for various applications-ranging from package delivery and infrastructure inspection to aerial photography-the imperative for robust management systems intensifies. This escalating presence necessitates effective tracking, scheduling, and deconfliction capabilities to prevent incidents and ensure safe operations.

Key Market Challenges

Regulatory fragmentation and the protracted development of internationally harmonized airspace policies represent a substantial impediment to the expansion of the Global Unmanned Traffic Management Market. This challenge leads to significant complexities

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

in cross-border operations and fosters varied national implementation strategies for unmanned aircraft systems. Such inconsistencies directly hinder the ability of drone operators to scale their services efficiently across different jurisdictions, elevating operational costs due to the need for compliance with multiple, disparate regulatory frameworks.

Key Market Trends

National Unmanned Traffic Management System Deployment and Regulatory Maturation fundamentally shapes the market by providing the essential legal and operational frameworks for widespread drone integration. These national initiatives reduce ambiguity for operators and technology providers, fostering an environment where advanced drone operations can scale securely. According to the European Union Aviation Safety Agency EASA, the formal implementation of the U-space regulatory framework across Europe took effect on January 26, 2023, establishing standardized rules for drone traffic management in designated airspaces. This regulatory maturation facilitates predictable operational parameters, which is vital for investment and growth.

Key Market Players

- DroneUp LLC
- Thales Group
- Altitude Angel Limited
- Leonardo S.p.A.
- Frequentis AG
- Unifly NV
- ANRA Technologies, LLC
- OneSky Systems Inc.
- Airbus SE
- 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:

-□Unmanned Traffic Management Market, By Component:

- o Hardware
- o Software

-□Unmanned Traffic Management Market, By Application:

- o Agriculture & Forestry
- o Logistics & Transportation
- o Surveillance & Monitoring

-□Unmanned Traffic Management Market, By End User:

- o Drone Operators or Pilots
- o Recreational Users
- o Airports
- o Emergency Service & Local Authorities

-□Unmanned Traffic Management Market, By Region:

- o North America
 - United States
 - Canada
 - Mexico
- o Europe
 - France
 - United Kingdom
 - Italy
 - Germany
 - Spain

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- o South America
 - Brazil
 - Argentina
 - Colombia
- o Middle East & Africa
 - South Africa
 - Saudi Arabia
 - UAE
- o Asia Pacific
 - China
 - India
 - Japan
 - Australia
 - South Korea

Competitive Landscape

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

Available Customizations:

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

Company Information

-□ Detailed analysis and profiling of additional market players (up to five).

Table of 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. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validation
 - 2.7. Assumptions and Limitations
3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations
 - 3.3. Overview of Key Market Players
 - 3.4. Overview of Key Regions/Countries
 - 3.5. Overview of Market Drivers, Challenges, Trends
4. Voice of Customer
5. Global Unmanned Traffic Management Market Outlook
 - 5.1. Market Size & Forecast

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Component (Hardware, Software)
 - 5.2.2. By Application (Agriculture & Forestry, Logistics & Transportation, Surveillance & Monitoring)
 - 5.2.3. By End User (Drone Operators or Pilots, Recreational Users, Airports, Emergency Service & Local Authorities)
 - 5.2.4. By Region
 - 5.2.5. By Company (2024)
- 5.3. Market Map
- 6. North America Unmanned Traffic Management Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Component
 - 6.2.2. By Application
 - 6.2.3. By End User
 - 6.2.4. By Country
 - 6.3. North America: Country Analysis
 - 6.3.1. United States Unmanned Traffic Management Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Component
 - 6.3.1.2.2. By Application
 - 6.3.1.2.3. By End User
 - 6.3.2. Canada Unmanned Traffic Management Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Component
 - 6.3.2.2.2. By Application
 - 6.3.2.2.3. By End User
 - 6.3.3. Mexico Unmanned Traffic Management Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Component
 - 6.3.3.2.2. By Application
 - 6.3.3.2.3. By End User
 - 7. Europe 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
 - 7.2.2. By Application
 - 7.2.3. By End User
 - 7.2.4. By Country
 - 7.3. Europe: Country Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.3.1. Germany Unmanned Traffic Management Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Component
 - 7.3.1.2.2. By Application
 - 7.3.1.2.3. By End User
- 7.3.2. France Unmanned Traffic Management Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Component
 - 7.3.2.2.2. By Application
 - 7.3.2.2.3. By End User
- 7.3.3. United Kingdom Unmanned Traffic Management Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Component
 - 7.3.3.2.2. By Application
 - 7.3.3.2.3. By End User
- 7.3.4. Italy Unmanned Traffic Management Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Component
 - 7.3.4.2.2. By Application
 - 7.3.4.2.3. By End User
- 7.3.5. Spain Unmanned Traffic Management Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Component
 - 7.3.5.2.2. By Application
 - 7.3.5.2.3. By End User
- 8. Asia Pacific 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. Asia Pacific: Country Analysis
 - 8.3.1. China Unmanned Traffic Management Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 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. India 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. Japan 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
- 8.3.4. South Korea Unmanned Traffic Management Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Component
 - 8.3.4.2.2. By Application
 - 8.3.4.2.3. By End User
- 8.3.5. Australia Unmanned Traffic Management Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Component
 - 8.3.5.2.2. By Application
 - 8.3.5.2.3. By End User
- 9. Middle East & Africa 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. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia 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

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.3.1.2.3. By End User
- 9.3.2. UAE 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. South Africa 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
- 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. Market Dynamics
 - 11.1. Drivers

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.2. Challenges
- 12. Market Trends & Developments
 - 12.1. Merger & Acquisition (If Any)
 - 12.2. Product Launches (If Any)
 - 12.3. Recent Developments
- 13. Global Unmanned Traffic Management Market: SWOT Analysis
- 14. Porter's Five Forces Analysis
 - 14.1. Competition in the Industry
 - 14.2. Potential of New Entrants
 - 14.3. Power of Suppliers
 - 14.4. Power of Customers
 - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
 - 15.1. DroneUp LLC
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel
 - 15.1.5. SWOT Analysis
 - 15.2. Thales Group
 - 15.3. Altitude Angel Limited
 - 15.4. Leonardo S.p.A.
 - 15.5. Frequentis AG
 - 15.6. Unify NV
 - 15.7. ANRA Technologies, LLC
 - 15.8. OneSky Systems Inc.
 - 15.9. Airbus SE
 - 15.10. Terra Drone Corporation
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

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, 2020-2030F

Market Report | 2025-11-27 | 185 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4500.00
	Multi-User License	\$5500.00
	Custom Research License	\$8000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*

City*

Zip Code*

Country*

Date

2026-03-08

Signature

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com