

Unmanned Ground Vehicle Market by Size (Small, Medium, and Heavy), by Mode of Locomotion (Tracked, Wheeled, and Legged), by operation (Teleoperated and Automated), and by Application (Defense and Commercial) - Global Opportunity Analysis and Industry Forecast, 2017-2023

<https://marketpublishers.com/r/U2F223442E3EN.html>

Date: August 2017

Pages: 109

Price: US\$ 5,540.00 (Single User License)

ID: U2F223442E3EN

Abstracts

The unmanned ground vehicle (UGV) is a mechanical machine that moves along the surface of ground whose task is to carry or transport something, it does not carry a human being. The UGV provides flexible robotic platform along with providing multipurpose mobility support. The major applications of the vehicles are in the defense sector; it includes providing surveillance information, carry supplies, assists in explosive activation. Moreover, the vehicles are used in emergency services that include police and ambulance.

Reduction in risk of human life and impressive vehicle combat performance drive the market. Moreover, increased demand in civilian applications, which includes homeland security and commercial purpose also fuel the growth. The cuts in defense budgets by the developed countries and the restricted battery life of the vehicles limit the market growth. However, rise in demand to increase operational efficiency and demand for autonomous control systems are some of the lucrative market opportunities for the unmanned ground vehicle market.

The unmanned ground vehicle market is segmented on the basis of size, mode of locomotion, operation, application, and geography. On the basis of size, the market is divided into small, lightweight, medium, and heavy. The mode of locomotion includes tracked, wheeled, and legged. On the basis of operation, the market is bifurcated into teleoperated and automated. Based on application, the market is categorized into defense and commercial. The small size type segment dominated the market in 2016.

By geography, the unmanned ground vehicle market is studied across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific is projected to grow at the highest CAGR during the forecast period.

The unmanned ground vehicle market is dominated by key players that include Armtrac Limited, Northrop Grumman Corporation, DOK-ING, Cobham plc., HORIBA MIRA Ltd., ICOR Technology, General Dynamics Corporation, RE2, Inc, Clearpath Robotics Inc and ENDEAVOR ROBOTICS.

KEY BENEFITS FOR STAKEHOLDERS

The study provides an in-depth analysis of the unmanned ground vehicle market, with current and future trends to elucidate the imminent investment pockets.

Information regarding key drivers, restraints, and opportunities is provided.

Porter's Five Forces analysis illustrates the potency of buyers and suppliers participating in the market.

The quantitative analysis of the market from 2016 to 2023 is provided to elaborate the market potential.

KEY MARKET SEGMENTS

BY SIZE

Small

Medium

Heavy

BY MODE OF LOCOMOTION

Tracked

Wheeled

Legged

By OPERATION

Teleoperated

Automated

By APPLICATION

Defense

Commercial

BY REGION

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific

Australia

Japan

China

India

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

KEY MARKET PLAYERS PROFILED IN THE REPORT

Armtrac Limited

Northrop Grumman Corporation

DOK-ING

Cobham plc.

HORIBA MIRA Ltd.

ICOR Technology

General Dynamics Corporation

RE2, Inc

Clearpath Robotics Inc

ENDEAVOR ROBOTICS

Contents

CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst type and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top investment pockets
- 3.3. PORTERS FIVE FORCES ANALYSIS
 - 3.3.1. Moderate bargaining power of suppliers
 - 3.3.2. High threat of new entrants
 - 3.3.3. Moderate threat of substitutes
 - 3.3.4. High competitive rivalry
 - 3.3.5. Moderate bargaining power among buyers
- 3.4. MARKET DYNAMICS
 - 3.4.1. Drivers
 - 3.4.1.1. Reduction in risk of human life
 - 3.4.1.2. Increased demand in civilian applications
 - 3.4.1.3. Impressive vehicle combat performance
 - 3.4.2. Restraint
 - 3.4.2.1. Restricted battery life of the vehicles
 - 3.4.3. Opportunities
 - 3.4.3.1. Increase operational efficiency
 - 3.4.3.2. Demand for autonomous control systems

CHAPTER 4 UNMANNED GROUND VEHICLE MARKET, BY TYPE

Unmanned Ground Vehicle Market by Size (Small, Medium, and Heavy), by Mode of Locomotion (Tracked, Wheeled, an...

4.1. OVERVIEW

4.2. SERVICE

4.2.1. Key market trends

4.2.2. Key growth factors and opportunities

4.2.3. Market size and forecast

4.3. SOLUTION

4.3.1. Key market trends

4.3.2. Key growth factors and opportunities

4.3.3. Market size and forecast

CHAPTER 5 UNMANNED GROUND VEHICLE MARKET, BY SECURITY TYPE

5.1. OVERVIEW

5.2. APPLICATION SECURITY

5.2.1. Key market trends

5.2.2. Key growth factors and opportunities

5.2.3. Market size and forecast

5.3. CLOUD SECURITY

5.3.1. Key market trends

5.3.2. Key growth factors and opportunities

5.3.3. Market size and forecast

5.4. CONTENT SECURITY

5.4.1. Key market trends

5.4.2. Key growth factors and opportunities

5.4.3. Market size and forecast

5.5. ENDPOINT SECURITY

5.5.1. Key market trends

5.5.2. Key growth factors and opportunities

5.5.3. Market size and forecast

5.6. NETWORK SECURITY

5.6.1. Key market trends

5.6.2. Key growth factors and opportunities

5.6.3. Market size and forecast

5.7. WIRELESS SECURITY

5.7.1. Key market trends

5.7.2. Key growth factors and opportunities

5.7.3. Market size and forecast

CHAPTER 6 UNMANNED GROUND VEHICLE MARKET, BY GEOGRAPHY

6.1. OVERVIEW

6.2. NORTH AMERICA

6.2.1. Key market trends

6.2.2. Key growth factors and opportunities

6.2.3. Market size and forecast

6.2.3.1. U.S.

6.2.3.1.1. Market size and forecast

6.2.3.2. Canada

6.2.3.2.1. Market size and forecast

6.2.3.3. Mexico

6.2.3.3.1. Market size and forecast

6.3. EUROPE

6.3.1. Key market trends

6.3.2. Key growth factors and opportunities

6.3.3. Market size and forecast

6.3.3.1. Germany

6.3.3.1.1. Market size and forecast

6.3.3.2. UK

6.3.3.2.1. Market size and forecast

6.3.3.3. France

6.3.3.3.1. Market size and forecast

6.3.3.4. Rest of Europe

6.3.3.4.1. Market size and forecast

6.4. ASIA-PACIFIC

6.4.1. Key market trends

6.4.2. Key growth factors and opportunities

6.4.3. Market size and forecast

6.4.3.1. China

6.4.3.1.1. Market size and forecast

6.4.3.2. India

6.4.3.2.1. Market size and forecast

6.4.3.3. Japan

6.4.3.3.1. Market size and forecast

6.4.3.4. Australia

6.4.3.4.1. Market size and forecast

6.4.3.5. Rest of Asia-Pacific

6.4.3.5.1. Market size and forecast

6.5. LAMEA

- 6.5.1. Key market trends
- 6.5.2. Key growth factors and opportunities
- 6.5.3. Market size and forecast
 - 6.5.3.1. Latin America
 - 6.5.3.1.1. Market size and forecast
 - 6.5.3.2. Middle East
 - 6.5.3.2.1. Market size and forecast
 - 6.5.3.3. Africa
 - 6.5.3.3.1. Market size and forecast

CHAPTER 7 COMPANY PROFILES

7.1. CISCO SYSTEMS, INC.

- 7.1.1. Company overview
- 7.1.2. Company snapshot
- 7.1.3. Operating business segments
- 7.1.4. Product portfolio
- 7.1.5. Business performance
- 7.1.6. Key strategic moves & developments, 2014-2016

7.2. FIREEYE, INC.

- 7.2.1. Company overview
- 7.2.2. Company snapshot
- 7.2.3. Operating business segments
- 7.2.4. Product portfolio
- 7.2.5. Business performance
- 7.2.6. Key strategic moves & developments, 2014-2016

7.3. IBM CORPORATION

- 7.3.1. Company overview
- 7.3.2. Company snapshot
- 7.3.3. Operating business segments
- 7.3.4. Product portfolio
- 7.3.5. Business performance
- 7.3.6. Key strategic moves & developments, 2014-2016

7.4. KASPERSKY LAB

- 7.4.1. Company overview
- 7.4.2. Company snapshot
- 7.4.3. Operating business segments
- 7.4.4. Product portfolio

7.5. LOCKHEED MARTIN CORPORATION

- 7.5.1. Company overview
- 7.5.2. Company snapshot
- 7.5.3. Operating business segments
- 7.5.4. Product portfolio
- 7.5.5. Key strategic moves & developments, 2014-2016

7.6. MACAFEE, INC.

- 7.6.1. Company overview
- 7.6.2. Company snapshot
- 7.6.3. Operating business segments
- 7.6.4. Product portfolio
- 7.6.5. Business performance
- 7.6.6. Key strategic moves & developments, 2014-2016

7.7. NORTHROP GRUMMA CORPORATION

- 7.7.1. Company overview
- 7.7.2. Company snapshot
- 7.7.3. Operating business segments
- 7.7.4. Product portfolio
- 7.7.5. Business performance
- 7.7.6. Key strategic moves and developments

7.8. PALO ALTO NETWORKS, INC.

- 7.8.1. Company overview
- 7.8.2. Company snapshot
- 7.8.3. Operating business segments
- 7.8.4. Product portfolio
- 7.8.5. Business performance
- 7.8.6. Key strategic moves & developments, 2014-2016

7.9. SENSATO

- 7.9.1. Company overview
- 7.9.2. Company snapshot
- 7.9.3. Operating business segments
- 7.9.4. Product portfolio
- 7.9.5. Business performance
- 7.9.6. Key strategic moves & developments, 2014-2016

7.10. SYMANTEC CORPORATION

- 7.10.1. Company overview
- 7.10.2. Company snapshot
- 7.10.3. Operating business segments
- 7.10.4. Product portfolio

7.10.5. Business performance

7.10.6. Key strategic moves & developments, 2014-2016

List Of Tables

LIST OF TABLES

- TABLE 1. GLOBAL UNMANNED GROUND VEHICLE MARKET, BY TYPE, 2016-2023 (\$MILLION)
- TABLE 2. UNMANNED GROUND VEHICLE MARKET FOR SERVICE SEGMENT, BY REGION, 2016-2023 (\$MILLION)
- TABLE 3. UNMANNED GROUND VEHICLE MARKET FOR SOLUTION SEGMENT, BY REGION, 2016-2023 (\$MILLION)
- TABLE 4. GLOBAL UNMANNED GROUND VEHICLE MARKET, BY SECURITY TYPE, 2016-2023 (\$MILLION)
- TABLE 5. UNMANNED GROUND VEHICLE MARKET, BY REGION, 2016-2023 (\$MILLION)
- TABLE 6. NORTH AMERICA UNMANNED GROUND VEHICLE MARKET, BY TYPE, 2016-2023 (\$MILLION)
- TABLE 7. NORTH AMERICA UNMANNED GROUND VEHICLE MARKET, BY COUNTRY, 2016-2023 (\$MILLION)
- TABLE 8. EUROPE UNMANNED GROUND VEHICLE MARKET, BY TYPE, 2016-2023 (\$MILLION)
- TABLE 9. EUROPE UNMANNED GROUND VEHICLE MARKET, BY COUNTRY, 2016-2023 (\$MILLION)
- TABLE 10. ASIA-PACIFIC UNMANNED GROUND VEHICLE MARKET, BY TYPE, 2016-2023 (\$MILLION)
- TABLE 11. ASIA-PACIFIC UNMANNED GROUND VEHICLE MARKET, BY COUNTRY, 2016-2023 (\$MILLION)
- TABLE 12. LAMEA UNMANNED GROUND VEHICLE MARKET, BY TYPE, 2016-2023 (\$MILLION)
- TABLE 13. LAMEA UNMANNED GROUND VEHICLE MARKET, BY COUNTRY, 2016-2023 (\$MILLION)
- TABLE 14. CISCO SYSTEMS, INC.: COMPANY SNAPSHOT
- TABLE 15. CISCO SYSTEMS, INC.: OPERATING SEGMENTS
- TABLE 16. CISCO SYSTEMS, INC.: PRODUCT PORTFOLIO
- TABLE 17. FIREEYE: COMPANY SNAPSHOT
- TABLE 18. FIREEYE: OPERATING SEGMENTS
- TABLE 19. FIREEYE: PRODUCT PORTFOLIO
- TABLE 20. IBM: COMPANY SNAPSHOT
- TABLE 21. IBM: OPERATING SEGMENTS
- TABLE 22. IBM: PRODUCT PORTFOLIO

TABLE 23. KASPERSKY LAB: COMPANY SNAPSHOT
TABLE 24. KASPERSKY LAB: OPERATING SEGMENTS
TABLE 25. KASPERSKY LAB: PRODUCT PORTFOLIO
TABLE 26. LOCKHEED MARTIN: COMPANY SNAPSHOT
TABLE 27. LOCKHEED MARTIN: OPERATING SEGMENTS
TABLE 28. LOCKHEED MARTIN: PRODUCT PORTFOLIO
TABLE 29. MACAFEE: COMPANY SNAPSHOT
TABLE 30. MACAFEE: OPERATING SEGMENTS
TABLE 31. MACAFEE: PRODUCT PORTFOLIO
TABLE 32. NORTHROP: COMPANY SNAPSHOT
TABLE 33. NORTHROP: OPERATING SEGMENTS
TABLE 34. NORTHROP: PRODUCT PORTFOLIO
TABLE 35. PALO ALTO: COMPANY SNAPSHOT
TABLE 36. PALO ALTO: OPERATING SEGMENTS
TABLE 37. PALO ALTO: PRODUCT PORTFOLIO
TABLE 38. SENSATO: COMPANY SNAPSHOT
TABLE 39. SENSATO: OPERATING SEGMENTS
TABLE 40. SENSATO: PRODUCT PORTFOLIO
TABLE 41. SYMANTEC: COMPANY SNAPSHOT
TABLE 42. SYMANTEC: OPERATING SEGMENTS
TABLE 43. SYMANTEC: PRODUCT PORTFOLIO

List Of Figures

LIST OF FIGURES

- FIGURE 1. UNMANNED GROUND VEHICLE MARKET SEGMENTATION
- FIGURE 2. KEY INVESTMENT POCKETS
- FIGURE 3. GLOBAL UNMANNED GROUND VEHICLE MARKET, BY TYPE
- FIGURE 4. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR SERVICE SEGMENT, 2016-2023 (\$MILLION)
- FIGURE 5. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR SOLUTION SEGMENT, 2016-2023 (\$MILLION)
- FIGURE 6. GLOBAL UNMANNED GROUND VEHICLE MARKET, BY SECURITY TYPE
- FIGURE 7. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR APPLICATION SECURITY, 2016-2023 (\$MILLION)
- FIGURE 8. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR CLOUD SECURITY, 2016-2023 (\$MILLION)
- FIGURE 9. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR CONTENT SECURITY, 2016-2023 (\$MILLION)
- FIGURE 10. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR ENDPOINT SECURITY, 2016-2023 (\$MILLION)
- FIGURE 11. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR NETWORK SECURITY, 2016-2023 (\$MILLION)
- FIGURE 12. GLOBAL UNMANNED GROUND VEHICLE MARKET FOR WIRELESS SECURITY, 2016-2023 (\$MILLION)
- FIGURE 13. UNMANNED GROUND VEHICLE MARKET, BY REGION, 2016 (%)
- FIGURE 14. NORTH AMERICA UNMANNED GROUND VEHICLE MARKET
- FIGURE 15. U.S. UNMANNED GROUND VEHICLE MARKET, 2016-2023 (\$MILLION)
- FIGURE 16. CANADA UNMANNED GROUND VEHICLE MARKET, 2016-2023 (\$MILLION)
- FIGURE 17. MEXICO UNMANNED GROUND VEHICLE MARKET, 2016-2023 (\$MILLION)
- FIGURE 18. EUROPE UNMANNED GROUND VEHICLE MARKET
- FIGURE 19. GERMANY UNMANNED GROUND VEHICLE MARKET, 2016-2023
- FIGURE 20. UK UNMANNED GROUND VEHICLE MARKET, 2016-2023
- FIGURE 21. FRANCE UNMANNED GROUND VEHICLE MARKET, 2016-2023
- FIGURE 22. REST OF EUROPE UNMANNED GROUND VEHICLE MARKET, 2016-2023
- FIGURE 23. ASIA-PACIFIC UNMANNED GROUND VEHICLE MARKET

FIGURE 24. CHINA UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 25. INDIA UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 26. JAPAN UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 27. AUSTRALIA UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 28. REST OF ASIA-PACIFIC UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 29. LAMEA UNMANNED GROUND VEHICLE MARKET

FIGURE 30. LATIN AMERICA UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 31. MIDDLE EAST UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 32. AFRICA UNMANNED GROUND VEHICLE MARKET, 2016-2023

FIGURE 33. CISCO: REVENUE, 2014-2016 (\$MILLION)

FIGURE 34. CISCO: REVENUE SHARE BY SEGMENT, 2016 (%)

FIGURE 35. CISCO: REVENUE SHARE BY GEOGRAPHY, 2016 (%)

FIGURE 36. CISCO: STRATEGY SHARE, 2014-2017 (%)

FIGURE 37. FIREEYE: REVENUE, 2014-2016 (\$MILLION)

FIGURE 38. FIREEYE: REVENUE SHARE BY SEGMENT, 2016 (%)

FIGURE 39. FIREEYE: REVENUE SHARE BY GEOGRAPHY, 2016 (%)

FIGURE 40. FIREEYE: STRATEGY SHARE, 2014-2016 (%)

FIGURE 41. IBM: REVENUE, 2013-2015 (\$MILLION)

FIGURE 42. IBM: REVENUE SHARE BY SEGMENT, 2015 (%)

FIGURE 43. IBM: REVENUE SHARE BY GEOGRAPHY, 2015 (%)

FIGURE 44. IBM: STRATEGY SHARE, 2014-2016 (%)

FIGURE 45. LOCKHEED MARTIN: STRATEGY SHARE, 2014-2016 (%)

FIGURE 46. MACAFEE: REVENUE, 2014-2016 (\$MILLION)

FIGURE 47. MACAFEE: REVENUE SHARE BY SEGMENT, 2016 (%)

FIGURE 48. MACAFEE: REVENUE SHARE BY GEOGRAPHY, 2016 (%)

FIGURE 49. MACAFEE: STRATEGY SHARE, 2014-2016 (%)

FIGURE 50. NORTHROP: REVENUE, 2014-2016 (\$MILLION)

FIGURE 51. NORTHROP: REVENUE SHARE BY SEGMENT, 2016 (%)

FIGURE 52. NORTHROP: REVENUE SHARE BY GEOGRAPHY, 2016 (%)

FIGURE 53. NORTHROP: STRATEGY SHARE, 2014-2016 (%)

FIGURE 54. PALO ALTO: REVENUE, 2014-2016 (\$MILLION)

FIGURE 55. PALO ALTO: REVENUE SHARE BY SEGMENT, 2016 (%)

FIGURE 56. PALO ALTO: REVENUE SHARE BY GEOGRAPHY, 2016 (%)

FIGURE 57. PALO ALTO: STRATEGY SHARE, 2014-2016 (%)

FIGURE 58. SENSATO ABC: REVENUE, 2013-2015 (\$MILLION)

FIGURE 59. SENSATO: REVENUE SHARE BY SEGMENT, 2015 (%)

FIGURE 60. SENSATO: REVENUE SHARE BY GEOGRAPHY, 2015 (%)

FIGURE 61. SENSATO: STRATEGY SHARE, 2014-2016 (%)

FIGURE 62. SYMANTEC: REVENUE, 2013-2015 (\$MILLION)

FIGURE 63. SYMANTEC: REVENUE SHARE BY SEGMENT, 2015 (%)

FIGURE 64. SYMANTEC: STRATEGY SHARE, 2014-2016 (%)

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