

Remotely Operated Weapon Stations - Market and Technology Forecast to 2031

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Abstracts

After more than 20 years of use in the field, Remotely Operated Weapon Stations have become a well-established market. The advantages they offer are significant, including crew protection, increased accuracy, first-round hit probability, target recognition and identification, low production, integration, and operational cost. Most importantly they can significantly increase the firepower of smaller and legacy platforms, thus increasing their range of capabilities or extending their utility in the modern battlefield.

The outbreak of the war in Ukraine has shown that a confrontation between peer or near-peer competitors is not a possibility that could happen in the distant future, but a highly like scenario. In such confrontations, firepower, long-range fires and ISR are elements that play a key role. However, the defence industries were unprepared for the requirements of a high-intensity warfare, and they have been struggling to deliver the required capabilities. That is an issue further exacerbated by the risks posed by the current economic and political climate which impacts defence budgets and supply chains.

In such a tight framework ROWS can deliver significant capabilities to new and legacy platforms in a timely and affordable manner. There is also an important development in the ROWS market that no one should disregard, as they are expected to change the conduct of combat operations. Just as radio brought a small revolution in technical and military affairs when it was used as a medium to guide weapons, ROWS will bring a similar change, not only as standalone systems but also as part of a networked environment and on top of unmanned ground or surface vehicles.

The current global security environment poses many challenges either in the form of low-intensity conflicts too. With major forces around the globe being in need of fielding

disruptive technologies with fire delivery capabilities, platforms or unmanned systems with ROWS, interconnected through IoMT over a C2 backbone, will serve that goal effectively and affordably.

Recognizing that potential of the market, a significant number of manufacturers around the world are positioning themselves by developing their own ROWS. That creates a highly competitive environment for businesses, which will be better served through the creation of economies of scale.

Market Forecast provides a detailed analysis of the Remotely Operated Weapon Stations (ROWS) market up to 2031 in terms of technologies, end-users and platforms, acquisition programs, leading companies, and opportunities for manufacturers. The report also provides the case studies that would help readers better understand the nature of the market and the underlying factors affecting the procurement of ROWS.

Covered in this report

Global market share assessments for all types in numbers delivered and value up to 2031.

Market share assessments per segments and regions up to 2031.

Snapshot on global security issues, defence budgets, spending patterns and how these affect the procurement of ROWS systems.

Focus on US, European, Asian-Pacific and Middle East procurement programmes.

Case studies with some of the world's biggest acquisition programs that have ROWS an integral part of the equation.

Market Dynamics: An insight on the latest technological developments in the ROWS market and which countries are changing their preferences, are in position to absorb the new technology and adapt their *modus operandi*.

Roles for all types: Insight on how ROWS fit into a military or security concept of operations and how they form a revolution in military affairs.

Main military ROWS technological trends.

Market Trends: Drivers, Trends, Opportunities and Risks for the stakeholders that want to stay ahead of the competition.

Profiles for the leading companies.

Segmentation

We have segmented the market by Region, Application (domain), and End-Use.

Region

Americas

Europe

APAC

Middle East & Africa

Application

Land domain

Naval domain

End-Use

Defence

Security

Contents

1 INTRODUCTION

- 1.1 Scope
- 1.2 Definitions
- 1.3 Methodology
- 1.4 Who will benefit from this study?

2 EXECUTIVE SUMMARY

- 2.1 Trends and Insights
- 2.2 Main Findings
- 2.3 Key Conclusions
 - 2.3.1 Capabilities and technology-based
 - 2.3.2 Industrial and market-based
- 2.4 Important Tables and Figures

3 TECHNOLOGIES AND DEVELOPMENTS

- 3.1 Technology overview
- 3.2 ROWS' Basic Components
- 3.3 Important Elements in ROWS' Design and Operation
 - 3.3.1 Stabilization
 - 3.3.2 Sensors
 - 3.3.3 Fire Control Unit
 - 3.3.4 Guns, Weapons and Ammunition
 - 3.3.5 ROWS' Integration on Platforms
- 3.4 ROWS vs Manned Turrets
 - 3.4.1 ROWS – Advantages and Limitations
- 3.5 Types of ROWS
 - 3.5.1 Land Platforms
 - 3.5.2 Wheeled vs Tracked Vehicles
 - 3.5.3 Case Study – British Army Strike Brigades
 - 3.5.4 Case Study – French Army Scorpion Programme
 - 3.5.5 Case Study – US Army Forces in Europe
 - 3.5.6 Unmanned Platforms with ROWS
 - 3.5.7 ROWS for C-UAV
 - 3.5.8 Naval Platforms with ROWS

3.5.9 Static ROWS

3.5.10 Airborne ROWS

3.6 Training and Simulation in the ROWS Market

4 MARKET OVERVIEW

4.1 Introduction

4.2 The Nature of the ROWS Market

4.3 Competitive landscape

4.4 Overview of companies

4.5 Risk factors

5 MARKET ANALYSIS AND FORECAST FACTORS

5.1 Market Segmentation

5.2 Drivers

5.2.1 Defence budgets

5.2.2 Requirement for persistent ISR

5.2.3 Asymmetric threats

5.2.4 Navies to increasingly operate in the littoral waters

5.2.5 Importance of homeland security agencies

5.2.6 Crew survivability

5.2.7 Need to upgrade legacy platforms

5.2.8 Urban warfare

5.3 Trends

5.3.1 Increase trend for wheeled armoured vehicles

5.3.2 Development of the indigenous defence industrial capabilities

5.3.3 Increased range of engagements and accuracy

5.3.4 Combined capabilities

5.3.5 Power and signature management

5.3.6 Proliferation of UGVs and UUVs

5.3.7 Technological enablers

5.3.8 ROWS with non-lethal weapons

5.4 Opportunities

5.4.1 EO/IR technology developments

5.4.2 ROWS' cost availability

5.4.3 Improving unmanned systems testing and evaluation

5.4.4 Improving Manned-Unmanned Teaming

5.4.5 Improving marketing and value-added messages

- 5.4.6 Developing ways to extend the lifespan and capabilities of platforms
- 5.4.7 Multiple effects by a single ROWS
- 5.4.8 ROWS adaptable for homeland security use
- 5.4.9 The ROWS as systems
- 5.4.10 Training for ROWS drives need for simulators and virtual environment
- 5.4.11 Field additive manufacturing of spare parts

5.5 Challenges

- 5.5.1 Lack of proven concept of operations
- 5.5.2 Trust in manned solutions
- 5.5.3 Defence budgets
- 5.5.4 Artificial intelligence and ethics
- 5.5.5 Rules of engagement and international law
- 5.5.6 Export controls in defence

6 COUNTRY ANALYSIS

- 6.1 USA
- 6.2 Europe
 - 6.2.1 UK
 - 6.2.2 France
 - 6.2.3 Poland
- 6.3 Israel
- 6.4 Australia

7 GLOBAL AND REGIONAL MARKET FORECAST TO 2031

- 7.1 Introduction
- 7.2 ROWS market by region
- 7.3 ROWS Market Forecast by Application
 - 7.3.1 Americas' ROWS market by Application
 - 7.3.2 Europe's ROWS market by Application
 - 7.3.3 Asian-Pacific ROWS Market by Application
 - 7.3.4 Middle East and African ROWS Market by Application
- 7.4 ROWS market Regions by End-Use
 - 7.4.1 America's ROWS market by End-Use
 - 7.4.2 Europe ROWS market by End-Use
 - 7.4.3 Asian-Pacific ROWS market by End-Use
 - 7.4.4 Middle East and Africa Analytics market by End-Use

8 APPLICATION MARKET FORECAST TO 2031

- 8.1 Introduction
- 8.2 ROWS market by application overview
- 8.3 Total ROWS Market by Application
 - 8.3.1 HLS ROWS Market by Application
 - 8.3.2 Military ROWS Market by Application
 - 8.3.3 Total Land ROWS Market
 - 8.3.4 Total Naval ROWS by End-Use

9 END-USERS MARKET FORECAST TO 2031

- 9.1 Introduction
- 9.2 ROWS for the Defence and HLS Sectors
 - 9.2.1 Improved accuracy
 - 9.2.2 Improved firepower
 - 9.2.3 A system of systems
 - 9.2.4 ROWS and new platforms
 - 9.2.5 ROWS and legacy platforms
 - 9.2.6 ROWS and unmanned platforms
 - 9.2.7 Protecting critical infrastructure
- 9.3 Global ROWS market by End-Use overview
- 9.4 HLS ROWS market by Region
 - 9.4.1 Global Military ROWS market by Region
 - 9.4.2 HLS ROWS market by Application
 - 9.4.3 Military ROWS Market by Application

10 IMPACT ANALYSIS

- 10.1 Introduction
- 10.2 Forecast factors and Market Impact
- 10.3 Scenario 2 Global ROWS Market Forecast by Region to 2031 [US\$ million]
- 10.4 Scenario 2 – Global ROWS Market Forecast to 2031 by Application [US\$ Million]

11 LEADING COMPANIES

- 11.1 ASELSAN Elektronik Sanayi ve Ticaret A.S.
 - 11.1.1 Introduction
 - 11.1.2 ROWS Products and Services

- 11.1.3 Recent Developments and Contracts
- 11.1.4 Recent Projects Completed
- 11.1.5 Strategic Alliances
- 11.1.6 SWOT Analysis
- 11.2 BAE Systems
 - 11.2.1 Introduction
 - 11.2.2 ROWS Products and Services
 - 11.2.3 Recent Developments and Contracts
 - 11.2.4 Strategic Alliances
 - 11.2.5 SWOT Analysis
- 11.3 Elbit Systems
 - 11.3.1 Introduction
 - 11.3.2 ROWS Products and Services
 - 11.3.3 Other Products & Services
 - 11.3.4 Recent Developments and Contracts
 - 11.3.5 Strategic Alliances
 - 11.3.6 SWOT Analysis
- 11.4 EOS (Electro-Optic Systems) Australia
 - 11.4.1 Introduction
 - 11.4.2 ROWS Products and Services
 - 11.4.3 Other Products & Services
 - 11.4.4 Recent Developments and Contracts
 - 11.4.5 Strategic Alliances
 - 11.4.6 SWOT Analysis
- 11.5 FN Herstal
 - 11.5.1 Introduction
 - 11.5.2 ROWS Products and Services
 - 11.5.3 Other Products & Services
 - 11.5.4 Recent Developments and Contracts
 - 11.5.5 Strategic Alliances
 - 11.5.6 SWOT Analysis
- 11.6 General Dynamics
 - 11.6.1 Introduction
 - 11.6.2 ROWS Products and Services
 - 11.6.3 Other Products & Services
 - 11.6.4 Recent Developments and Contracts
 - 11.6.5 SWOT Analysis
- 11.7 John Cockerill
 - 11.7.1 Introduction

- 11.7.2 ROWS Products and Services
- 11.7.3 Other Products & Services
- 11.7.4 Strategic Alliances
- 11.7.5 SWOT Analysis
- 11.8 Kongsberg
 - 11.8.1 Introduction
 - 11.8.2 ROWS Products and Services
 - 11.8.3 Other Products & Services
 - 11.8.4 Recent Developments and Contracts
 - 11.8.5 Strategic Alliances
 - 11.8.6 SWOT Analysis
- 11.9 KMW GmbH (KNDS)
 - 11.9.1 Introduction
 - 11.9.2 ROWS Products and Services
 - 11.9.3 Other Products & Services
 - 11.9.4 Recent Developments and Contracts
 - 11.9.5 Strategic Alliances
 - 11.9.6 SWOT Analysis
- 11.10 Leonardo S.p.A.
 - 11.10.1 Introduction
 - 11.10.2 ROWS Products and Services
 - 11.10.3 Other Products & Services
 - 11.10.4 Recent Developments and Contracts
 - 11.10.5 SWOT Analysis
- 11.11 MSI Defence Systems Ltd.
 - 11.11.1 Introduction
 - 11.11.2 ROWS Products and Services
 - 11.11.3 Other Products & Services
 - 11.11.4 Recent Developments and Contracts
 - 11.11.5 SWOT Analysis
- 11.12 Nexter (KNDS)
 - 11.12.1 Introduction
 - 11.12.2 ROWS Products and Services
 - 11.12.3 Other Products & Services
 - 11.12.4 Recent Developments and Contracts
 - 11.12.5 Strategic Alliances
 - 11.12.6 SWOT Analysis
- 11.13 Rafael Advanced Defense Systems
 - 11.13.1 Introduction

- 11.13.2 ROWS Products and Services
- 11.13.3 Other Products & Services
- 11.13.4 Recent Developments and Contracts
- 11.13.5 Strategic Alliances
- 11.13.6 SWOT Analysis
- 11.14 Rheinmetall AG
 - 11.14.1 Introduction
 - 11.14.2 ROWS Products and Services
 - 11.14.3 Other Products & Services
 - 11.14.4 Recent Developments and Contracts
 - 11.14.5 Strategic Alliances
 - 11.14.6 SWOT Analysis
- 11.15 SAAB
 - 11.15.1 Introduction
 - 11.15.2 ROWS Products and Services
 - 11.15.3 Recent Developments and Contracts
 - 11.15.4 SWOT Analysis

12 RESULTS AND CONCLUSIONS

13 ABOUT MARKET FORECAST

- 13.1 General
- 13.2 Contact us
- 13.3 Disclaimer
- 13.4 License
- Appendix A: Companies Mentioned
- Appendix B: Abbreviations

List Of Figures

LIST OF FIGURES

Figure 1: Global ROWS Market Forecast to 2031 by Region [US\$ million]

Figure 2: Global ROWS Market Forecast to 2031 by Application [US\$ million]

Figure 3: Global ROWS Market Forecast to 2031 by End-Use [US\$ million]

Figure 4: A photo of all the parts comprising a Kongsberg Protector M153 CROWS II.

Figure 5: A picture of a gunner's position, with the FCU and CG units, inside a Humvee vehicle. Also note on the top the large diameter opening required to install a pintle.

Figure 6: A Norwegian Army Protector ROWS lifted by a crane. Note the small circumference of the base attached to a vehicle, requiring only minimal penetration.

Figure 7: Milrem's Nordic Robotic Wingman UGV with a Kongsberg RT40 (30mm) ROW turret.

Figure 8: GDSL Stryker IM-SHORAD

Figure 9: The MSI Defence Seahawk remote weapon station, with a 30mm gun and Thales' LMM (Lightweight Multirole Missile) aboard a Type 23 frigate. The position of the station shows the easiness of integration aboard existing and future platforms.

Figure 10: Elbit Systems' Seagull USV with a ROWS

Figure 11: The Remote Guardian System stowed and deployed, with the EO/IR gimbal on the left of each picture and the weapon station to the right.

Figure 12: A JLTV vehicle with a Protector ROWS as shown in BIS' training software.

Figure 13: ROWS Market Segmentation and Sub Segmentation

Figure 14: Global ROWS Market Forecast to 2031 by Region [US\$ million]

Figure 15: Global ROWS Market by Region [%] – 2023, 2027 and 2031

Figure 16: Americas' ROWS Market Forecast to 2031 by Application [US\$ million]

Figure 17: Americas Market Forecast to 2031 by Application [%]

Figure 18: Europe's ROWS Market Forecast to 2031 by Application [US\$ million]

Figure 19: Europe's Market Forecast to 2031 by Application [%]

Figure 20: Asian-Pacific ROWS Market Forecast to 2030 by Application [US\$ million]

Figure 21: Asian-Pacific ROWS Market Forecast to 2031 by Application [US\$ million]

Figure 22: Asian-Pacific's Market Forecast to 2031 by Application [%]

Figure 23: Middle East & African ROWS Market Forecast to 2030 by Application [US\$ million]

Figure 24: Middle East & African ROWS Market Forecast to 2030 by Application [US\$ million]

Figure 25: America's ROWS market to 2031 by End-Use [US\$ million]

Figure 26: Americas ROWS Market Forecast to 2031 by End-Use [%]

Figure 27: Europe's ROWS market to 2031 by End-Use [US\$ million]

- Figure 28: Europe ROWS Market Forecast to 2031 by End-Use [%]
Figure 29: APAC ROWS market to 2031 by End-Use [US\$ million]
Figure 30: APAC ROWS Market Forecast to 2031 by End-Use [%]
Figure 31: ME&A ROWS market to 2031 by End-Use [US\$ million]
Figure 32: ME&A ROWS Market Forecast to 2031 by End-Use [%]
Figure 37: Total ROWS Market to 2031 by Application [US\$ million]
Figure 38: Total ROWS Market to 2031 by Application [%]
Figure 39: HLS ROWS Market to 2031 by Application [US\$ million]
Figure 40: HLS ROWS Market to 2031 by Application [%]
Figure 41: Military ROWS Market to 2031 by Application [US\$ million]
Figure 42: Military ROWS Market to 2031 by Application [%]
Figure 43: Land ROWS Market to 2031 by End-Use [US\$ million]
Figure 44: Land ROWS Market to 2031 by End-Use [%]
Figure 45: Naval ROWS Market to 2031 by Application [US\$ million]
Figure 46: Global ROWS Market to 2031 by End-Use [US\$ million]
Figure 47: Global ROWS Market to 2031 by End-Use [%]
Figure 48: Global HLS ROWS market to 2031 by Region [US\$ million]
Figure 49: HLS ROWS Market Forecast to 2031 by Region [%]
Figure 50: Global Military ROWS market to 2031 by Region [US\$ million]
Figure 51: Military ROWS Market Forecast to 2031 by Region [%]
Figure 52: Global HLS ROWS market to 2031 by Application [US\$ million]
Figure 53: HLS ROWS Market Forecast to 2031 by Application [%]
Figure 54: Global Military ROWS market to 2031 by Application [US\$ million]
Figure 55: Military ROWS Market Forecast to 2031 by Application [%]
Figure 56: Scenario 1 vs Scenario 2 – Global ROWS Market Forecast to 2031 [US\$ million]
Figure 57: Scenario 2 – Global ROWS Market Forecast by Region to 2031 [US\$ million]
Figure 58: Scenario 2 – Total ROWS Market Forecast to 2031 by End-Use [US\$ million]
Figure 59: Scenario 2 – Total ROWS Market Forecast to 2031 by Application [US\$ million]

List Of Tables

LIST OF TABLES

Table 1: Global ROWS Market Forecast to 2031 by Region [US\$ million]

Table 2: Global ROWS Market Forecast to 2031 by Application [US\$ million]

Table 3: Global ROWS Market Forecast to 2031 by End-Use [US\$ million]

Table 4: Recent collaborations in the ROWS market

Table 5: Global ROWS Market Forecast to 2031 by Region [US\$ million]

Table 6: European Market Forecast to 2030 by Application [US\$ million]

Table 7: America's ROWS market to 2031 by End-Use [US\$ million]

Table 8: Europe's ROWS market to 2031 by End-Use [US\$ million]

Table 9: APAC ROWS market to 2031 by End-Use [US\$ million]

Table 10: ME&A ROWS market to 2031 by End-Use [US\$ million]

Table 11: Total ROWS Market to 2031 by Application [US\$ million]

Table 12: HLS ROWS Market to 2031 by Application [US\$ million]

Table 13: Military ROWS Market to 2031 by Application [US\$ million]

Table 14: Land ROWS Market to 2031 by End-Use [US\$ million]

Table 15: Naval ROWS Market to 2031 by End-Use [US\$ million]

Table 16: Naval ROWS Market to 2031 by Application [%]

Table 17: Global ROWS Market to 2031 by End-Use [US\$ million]

Table 18: Global HLS ROWS market to 2031 by Region [US\$ million]

Table 19: Global Military ROWS market to 2031 by Region [US\$ million]

Table 20: Global HLS ROWS market to 2031 by Application [US\$ million]

Table 21: Global Military ROWS market to 2031 by Application [US\$ million]

Table 22: Scenario 1 vs Scenario 2 – Global ROWS Market Forecast to 2031 [US\$ million]

Table 23: Scenario 2 – Global ROWS Market Forecast by Region to 2031 [US\$ million]

Table 24: Scenario 2 – Total ROWS Market Forecast to 2031 by End-Use [US\$ million]

Table 25: Scenario 2 – Total ROWS Market Forecast to 2031 by Application [US\$ million]

Table 26: Aselsan Company SWOT Analysis

Table 27: BAE Systems Company SWOT Analysis

Table 28: Elbit Systems Company SWOT Analysis

Table 29: EOS Australia Company SWOT Analysis

Table 30: FN Herstal Company SWOT Analysis

Table 31: General Dynamics Company SWOT Analysis

Table 32: John Cockerill Company SWOT Analysis

Table 33: Kongsberg Company SWOT Analysis

Table 34: KMW Company SWOT Analysis

Table 35: Leonardo Company SWOT Analysis

Table 36: MSI Defence Company SWOT Analysis

Table 37: MSI Defence Company SWOT Analysis

Table 38: Rafael Company SWOT Analysis

Table 39: Rafael Company SWOT Analysis

Table 40: Saab Company SWOT Analysis

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