

Global Service Robotics Market (Impact of COVID-19) and Volume Analysis by Type (Professional Service Robots, Personal and Domestic Service Robots) and Key Players Analysis - Forecast to 2025

<https://marketpublishers.com/r/G63127EFB9D0EN.html>

Date: April 2020

Pages: 167

Price: US\$ 1,590.00 (Single User License)

ID: G63127EFB9D0EN

Abstracts

The global service robotics market was valued at over US\$ 17 Billion in 2019 and is expected to show significant growth during the forecast period, driven by an upsurge in its adoption owing to high labor cost, lack of skilled workforce, increasing research and development investments, growing awareness regarding the benefits of service robots, and increased demand for automation among professional and personal sectors. Service robots have witnessed widespread acceptance among various professional and personal applications owing to benefits such as enhanced usability, delivery of accurate and high-quality services, reliability, and reduced operational costs and human errors. Professional service robots are employed in various industries including medical, defense, agriculture, logistics, inspection and maintenance, rescue and security, construction, and professional cleaning among others, whereas personal service robots are used for domestic and entertainment and leisure purpose. The high initial investment and concern for human safety restricts the growth of the market.

Impact of COVID-19 on Service Robotics Market

The COVID-19 outbreak has become a global stress test. As the number of people infected with the virus continues to rise around the world, uncertainties about global economic growth increases. The COVID-19 disease has infected more than 1.8 Million people worldwide, with United States accounting for around 30% of cases. Globally the death toll has surpassed 110,860, according to the latest statistics from the Worldometers (as of April 12, 2020). The number is still growing, and the duration of the pandemic is still difficult to predict.

The novel coronavirus has increased interest in robots, drones, and artificial intelligence. These technologies can help deal with massive staffing shortages in healthcare, manufacturing, and supply chains; the need for “social distancing;” and diagnosis and treatment. For example, service robotics play a vital role in healthcare, they minimize human intervention at all levels, starting from patient examination to patient care and drug delivery mechanism. The virus has been a good opportunity for companies to display robots for public applications. Public Relations, Rescue and Security, Inspection, Cleaning, Monitoring, and Detection are all key aspects of containing the pandemic. Disinfection robot UVD for example has been in high demand since the outbreak of COVID-19 pandemic.

Global Professional Service Robotics Market and Volume Forecast - By Segment

The logistic applications accounted for maximum share of the global professional service robotics market. The use of service robots in logistic industry is anticipated to show substantial growth. The growing e-commerce industry is the primary growth driver for this market. In 2019, medical application was the second major industry vertical, in terms of market share. Medical application employs service robots for a wide range of applications such as surgery, diagnostics, physical and mental therapy, and prosthetics among others. Defence robotics captured third highest share of the professional service robotics market in 2019, followed by Agriculture robots or Agribots. The implementation of robotics in agriculture is expected to bring out transformational result in coming years.

In volume terms, the logistic robots accounted for maximum share of the overall professional service robotics volume. Inspection and maintenance robots captured second highest share of the professional service robots sales volume in 2019. The medical robots accounted for merely 2% share of the professional service robotics volume in 2019, due to expensive nature of these devices.

Global Personal and Domestic Service Robotics Market and Volume Forecast - By Segment

Household robots accounted for maximum share of the personal and domestic service robotics market both in value and volume terms. This segment is likely to lead the personal and domestic service robotics volume throughout the forecasting period. The household robotics market consists of a wide variety of products focused on single tasks, such as floor care, lawn care, and pool care. While, entertainment and leisure robots are aimed at youth in the hopes of boosting their interest in robotics and other

technical fields.

This is the 4th edition report on Service Robotics by iGATE RESEARCH. The report titled "Global Service Robotics Market (Impact of COVID-19) and Volume Analysis by Type (Professional Service Robots, Personal and Domestic Service Robots) and Key Players Analysis - Forecast to 2025" provides a comprehensive assessment of the fast-evolving, high-growth Service Robotics Market.

This 167 Page report with 83 Figures and 12 Tables has been analyzed from 11 viewpoints:

1. Global Service Robotics Market and Forecast (2009 - 2025)
2. Impact of Coronavirus (COVID-19) Pandemic on Service Robotics Market
3. Global Service Robotics Volume and Forecast (2009 - 2025)
4. Global Service Robotics Market Share and Forecast (2009 - 2025)
5. Global Service Robotics Volume Share and Forecast (2009 - 2025)
6. Global Professional Service Robotics Market and Forecast - By Segment (2009 - 2025)
7. Global Professional Service Robotics Volume and Forecast - By Segment (2009 - 2025)
8. Global Personal and Domestic Service Robotics Market and Forecast - By Segment (2009 - 2025)
9. Global Personal and Domestic Service Robotics Volume and Forecast - By Segment (2009 - 2025)
10. Key Players - Sales and SWOT Analysis (2010 - 2025)
11. Global Service Robotics Market - Growth Drivers and Challenges

Global Service Robotics Market and Volume Forecast - By Type

1. Professional Service Robotics
2. Personal and Domestic Service Robotics

Global Professional Service Robotics Market and Volume Forecast - By Segment

1. Defence
2. Agriculture/Field
3. Logistic
4. Medical
5. Exoskeletons

6. Public Relations Robots
7. Construction
8. Mobile Platforms
9. Inspection and Maintenance
10. Underwater
11. Rescue and Security
12. Cleaning
13. Others

Global Personal and Domestic Service Robotics Market and Volume Forecast - By Segment

1. Household Robotics
2. Entertainment and Leisure Robotics

Global Robotics Market - Key Players Sales and SWOT Analysis

1. KUKA AG
2. Adept Technology (Acquired by OMRON)
3. iRobot Corporation
4. Intuitive Surgical
5. Nachi-Fujikoshi
6. Yaskawa Electric Corporation

Data Sources

iGATE RESEARCH employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports. This report is built by using data and information sourced from Proprietary Information Database, Primary and Secondary Research Methodologies, and In house analysis by iGATE Research dedicated team of qualified professionals with deep industry experience and expertise.

Research Methodologies

Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals, Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non-printable sources, Newspaper,

Magazine and Journal Content, Government and NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries and Local Councils and a large number of Paid Databases.

Contents

1. EXECUTIVE SUMMARY

2. IMPACT OF CORONAVIRUS (COVID-19) PANDEMIC ON SERVICE ROBOTICS MARKET

3. GLOBAL SERVICE ROBOTICS MARKET AND FORECAST (2009 - 2025)

3.1 Global Professional Service Robotics Market and Forecast

3.2 Global Personal and Domestic Service Robotics Market and Forecast

4. GLOBAL SERVICE ROBOTICS VOLUME AND FORECAST (2009 - 2025)

4.1 Global Professional Service Robotics Volume and Forecast

4.2 Global Personal and Domestic Service Robotics Volume and Forecast

5. GLOBAL SERVICE ROBOTICS MARKET AND VOLUME SHARE ANALYSIS (2009 - 2025)

5.1 Global Service Robotics Market Share and Forecast - By Segment

5.2 Global Professional Service Robotics Market Share and Forecast - By Segment

5.3 Global Personal and Domestic Service Robotics Market Share and Forecast - By Segment

5.4 Global Service Robotics Volume Share and Forecast - By Segment

5.5 Global Professional Service Robotics Volume Share and Forecast- By Segment

5.6 Global Personal and Domestic Service Robotics Volume Share and Forecast- By Segment

6. GLOBAL PROFESSIONAL SERVICE ROBOTICS MARKET AND VOLUME FORECAST - BY SEGMENT (2009 - 2025)

6.1 Global Defense Robotics Market and Volume Forecast

6.1.1 Global Defense Robotics Market and Forecast

6.1.2 Global Defense Robotics Volume and Forecast

6.2 Global Agriculture/Field Robotics Market and Volume Forecast

6.2.1 Global Agriculture/Field Robotics Market and Forecast

6.2.2 Global Agriculture/Field Robotics Volume and Forecast

6.3 Global Logistic Robotics Market and Volume Forecast

- 6.3.1 Global Logistic Robotics Market and Forecast
- 6.3.2 Global Logistic Robotics Volume and Forecast
- 6.4 Global Medical Robotics Market and Volume Forecast
 - 6.4.1 Global Medical Robotics Market and Forecast
 - 6.4.2 Global Medical Robotics Volume and Forecast
- 6.5 Global Construction Robotics Market and Volume Forecast
 - 6.5.1 Global Construction Robotics Market and Forecast
 - 6.5.2 Global Construction Robotics Volume and Forecast
- 6.6 Global Mobile Platforms Robotics Market and Volume Forecast
 - 6.6.1 Global Mobile Platforms Robotics Market and Forecast
 - 6.6.2 Global Mobile Platforms Robotics Volume and Forecast
- 6.7 Global Inspection Robotics Market and Volume Forecast
 - 6.7.1 Global Inspection Robotics Market and Forecast
 - 6.7.2 Global Inspection Robotics Volume and Forecast
- 6.8 Global Underwater Robotics Market and Volume Forecast
 - 6.8.1 Global Underwater Robotics Market and Forecast
 - 6.8.2 Global Underwater Robotics Volume and Forecast
- 6.9 Global Rescue and Security Robotics Market and Volume Forecast
 - 6.9.1 Global Rescue and Security Robotics Market and Forecast
 - 6.9.2 Global Rescue and Security Robotics Volume and Forecast
- 6.10 Global Cleaning Robotics Market and Volume Forecast
 - 6.10.1 Global Cleaning Robotics Market and Forecast
 - 6.10.2 Global Cleaning Robotics Volume and Forecast
- 6.11 Global Exoskeleton Robotics Market and Volume Forecast
 - 6.11.1 Global Exoskeleton Robotics Market and Forecast
 - 6.11.2 Global Exoskeleton Robotics Volume and Forecast
- 6.12 Global Public Relation Robotics Market and Volume Forecast
 - 6.12.1 Global Public Relation Robotics Market and Forecast
 - 6.12.2 Global Public Relation Robotics Volume and Forecast
- 6.13 Global All Others Robotics Market and Volume Forecast
 - 6.13.1 Global All Others Robotics Market and Forecast
 - 6.13.2 Global All Others Robotics Volume and Forecast

7. GLOBAL PERSONAL AND DOMESTIC SERVICE ROBOTICS MARKET AND VOLUME FORECAST - BY SEGMENT (2009 - 2025)

- 7.1 Global Household Robotics Market and Volume Forecast
 - 7.1.1 Global Household Robotics Market and Forecast
 - 7.1.2 Global Household Robotics Volume and Forecast

7.2 Global Entertainment and Leisure Robotics Market and Volume Forecast

7.2.1 Global Entertainment and Leisure Robotics Market and Forecast

7.2.2 Global Entertainment and Leisure Robotics Volume and Forecast

8. KEY PLAYER ANALYSIS (2010 - 2025)

8.1 KUKA AG

8.1.1 Company Overview

8.1.2 Sales Analysis

8.1.3 KUKA AG - SWOT Analysis

8.2 Adept Technology (Acquired by OMRON)

8.2.1 Company Overview

8.2.2 Sales Analysis

8.2.3 Adept Technology - SWOT Analysis

8.3 iRobot Corporation

8.3.1 Company Overview

8.3.2 Sales Analysis

8.3.3 iRobot Corporation - SWOT Analysis

8.4 Intuitive Surgical

8.4.1 Company Overview

8.4.2 Sales Analysis

8.4.3 Intuitive Surgical - SWOT Analysis

8.5 Nachi-Fujikoshi

8.5.1 Company Overview

8.5.2 Sales Analysis

8.5.3 Nachi-Fujikoshi - SWOT Analysis

8.6 Yaskawa Electric Corporation

8.6.1 Company Overview

8.6.2 Sales Analysis

8.6.3 Yaskawa Electric Corporation - SWOT Analysis

9. GLOBAL SERVICE ROBOTICS MARKET - GROWTH DRIVERS

9.1 Increasing Research and Development Expenditure

9.2 Technology Trends Shaping the Future of Robotics

9.3 Government Initiatives Drives Market for Robotics

9.4 Co-Bots Drives Robotics Industry

9.5 Improved Service, Increased Operational Efficiency and Safety

10. GLOBAL SERVICE ROBOTICS MARKET - CHALLENGES

- 10.1 Human-Robot Interaction Challenges
- 10.2 The High Cost of Robots Restricts Market Growth
- 10.3 Delayed Return on Investment (ROI)

List Of Figures

LIST OF FIGURES:

Figure 3-1: Global - Service Robotics Market (Million US\$), 2009 - 2019

Figure 3-2: Global - Forecast for Service Robotics Market (Million US\$), 2020 - 2025

Figure 3-3: Global - Professional Service Robotics Market (Million US\$), 2009 - 2019

Figure 3-4: Global - Forecast for Professional Service Robotics Market (Million US\$), 2020 - 2025

Figure 3-5: Global - Personal and Domestic Service Robotics Market (Million US\$), 2009 - 2019

Figure 3-6: Global - Forecast for Personal and Domestic Service Robotics Market (Million US\$), 2020 - 2025

Figure 4-1: Global - Service Robotics Volume (Million), 2009 - 2019

Figure 4-2: Global - Forecast for Service Robotics Volume (Million), 2020 - 2025

Figure 4-3: Global - Professional Service Robotics Volume (Number), 2009 - 2019

Figure 4-4: Global - Forecast for Professional Service Robotics Volume (Number), 2020 - 2025

Figure 4-5: Global - Personal and Domestic Service Robotics Volume (Million), 2009 - 2019

Figure 4-6: Global - Forecast for Personal and Domestic Service Robotics Volume (Million), 2020 - 2025

Figure 6-1: Global - Defense Robotics Market (Million US\$), 2009 - 2019

Figure 6-2: Global - Forecast for Defense Robotics Market (Million US\$), 2020 - 2025

Figure 6-3: Global - Defense Robotics Volume (Number), 2009 - 2019

Figure 6-4: Global - Forecast for Defense Robotics Volume (Number), 2020 - 2025

Figure 6-5: Global - Agriculture/Field Robotics Market (Million US\$), 2009 - 2019

Figure 6-6: Global - Forecast for Agriculture/Field Robotics Market (Million US\$), 2020 - 2025

Figure 6-7: Global - Agriculture/Field Robotics Volume (Number), 2009 - 2019

Figure 6-8: Global - Forecast for Agriculture/Field Robotics Volume (Number), 2020 - 2025

Figure 5-9: Global - Logistic Robotics Market (Million US\$), 2009 - 2019

Figure 6-10: Global - Forecast for Logistic Robotics Market (Million US\$), 2020 - 2025

Figure 6-11: Global - Logistic Robotics Volume (Number), 2009 - 2019

Figure 6-12: Global - Forecast for Logistic Robotics Volume (Number), 2020 - 2025

Figure 6-13: Global - Medical Robotics Market (Million US\$), 2009 - 2019

Figure 6-14: Global - Forecast for Medical Robotics Market (Million US\$), 2020 - 2025

Figure 6-15: Global - Medical Robotics Volume (Number), 2009 - 2019

Figure 6-16: Global - Forecast for Medical Robotics Volume (Number), 2020 - 2025

Figure 6-17: Global - Construction Robotics Market (Million US\$), 2009 - 2019

Figure 6-18: Global - Forecast for Construction Robotics Market (Million US\$), 2020 - 2025

Figure 6-19: Global - Construction Robotics Volume (Number), 2009 - 2019

Figure 6-20: Global - Forecast for Construction Robotics Volume (Number), 2020 - 2025

Figure 6-21: Global - Mobile Platforms Robotics Market (Million US\$), 2009 - 2019

Figure 6-22: Global - Forecast for Mobile Platforms Robotics Market (Million US\$), 2020 - 2025

Figure 6-23: Global - Mobile Platforms Robotics Volume (Number), 2009 - 2019

Figure 6-24: Global - Forecast for Mobile Platforms Robotics Volume (Number), 2020 - 2025

Figure 6-25: Global - Inspection Robotics Market (Million US\$), 2017 - 2019

Figure 6-26: Global - Forecast for Inspection Robotics Market (Million US\$), 2020 - 2025

Figure 6-27: Global - Inspection Robotics Volume (Number), 2017 - 2019

Figure 6-28: Global - Forecast for Inspection Robotics Volume (Number), 2020 - 2025

Figure 6-29: Global - Underwater Robotics Market (Million US\$), 2009 - 2019

Figure 6-30: Global - Forecast for Underwater Robotics Market (Million US\$), 2020 - 2025

Figure 6-31: Global - Underwater Robotics Volume (Number), 2009 - 2019

Figure 6-32: Global - Forecast for Underwater Robotics Volume (Number), 2020 - 2025

Figure 6-33: Global - Rescue and Security Robotics Market (Million US\$), 2009 - 2019

Figure 6-34: Global - Forecast for Rescue and Security Robotics Market (Million US\$), 2020 - 2025

Figure 6-35: Global - Rescue and Security Robotics Volume (Number), 2009 - 2019

Figure 6-36: Global - Forecast for Rescue and Security Robotics Volume (Number), 2020 - 2025

Figure 6-37: Global - Cleaning Robotics Market (Million US\$), 2009 - 2019

Figure 6-38: Global - Forecast for Cleaning Robotics Market (Million US\$), 2020 - 2025

Figure 6-39: Global - Cleaning Robotics Volume (Number), 2009 - 2019

Figure 6-40: Global - Forecast for Cleaning Robotics Volume (Number), 2020 - 2025

Figure 6-41: Global – Exoskeleton Robotics Market (Million US\$), 2014 - 2019

Figure 6-42: Global - Forecast for Exoskeleton Robotics Market (Million US\$), 2020 - 2025

Figure 6-43: Global – Exoskeleton Robotics Volume (Number), 2014 - 2019

Figure 6-44: Global - Forecast for Exoskeleton Robotics Volume (Number), 2020 - 2025

Figure 6-45: Global - Public Relation Robotics Market (Million US\$), 2014 - 2019

Figure 6-46: Global - Forecast for Public Relation Robotics Market (Million US\$), 2020 -

2025

Figure 6-47: Global - Public Relation Robotics Volume (Number), 2014 - 2019

Figure 6-48: Global - Forecast for Public Relation Robotics Volume (Number), 2020 - 2025

Figure 6-49: Global - All Others Robotics Market (Million US\$), 2009 - 2019

Figure 6-50: Global - Forecast for All Others Robotics Market (Million US\$), 2020 - 2025

Figure 6-51: Global - All Others Robotics Volume (Number), 2009 - 2019

Figure 6-52: Global - Forecast for All Others Robotics Volume (Number), 2020 - 2025

Figure 7-1: Global - Household Robotics Market (Million US\$), 2009 - 2019

Figure 7-2: Global - Forecast for Household Robotics Market (Million US\$), 2020 - 2025

Figure 7-3: Global - Household Robotics Volume (Million), 2009 - 2019

Figure 7-4: Global - Forecast for Household Robotics Volume (Million), 2020 - 2025

Figure 7-5: Global - Entertainment and Leisure Robotics Market (Million US\$), 2009 - 2019

Figure 7-6: Global - Forecast for Entertainment and Leisure Robotics Market (Million US\$), 2020 - 2025

Figure 7-7: Global - Entertainment and Leisure Robotics Volume (Million), 2009 - 2019

Figure 7-8: Global - Forecast for Entertainment and Leisure Robotics Volume (Million), 2020 - 2025

Figure 8-1: KUKA AG - Robotics Sales (Million US\$), 2010 - 2019

Figure 8-2: KUKA AG - Forecast for Robotics Sales (Million US\$), 2020 - 2025

Figure 8-3: Adept Technology - Robotics Sales (Million US\$), 2010 - 2015

Figure 8-4: iRobot Corporation - Robotics Sales (Million US\$), 2010 - 2019

Figure 8-5: iRobot Corporation - Forecast for Robotics Sales (Million US\$), 2020 - 2025

Figure 8-6: Intuitive Surgical - Robotics Sales (Million US\$), 2010 - 2019

Figure 8-7: Intuitive Surgical - Forecast for Robotics Sales (Million US\$), 2020 - 2025

Figure 8-8: Nachi-Fujikoshi Corp. - Robotics Sales (Million US\$), 2010 - 2019

Figure 8-9: Nachi-Fujikoshi Corp. - Forecast for Robotics Sales (Million US\$), 2020 - 2025

Figure 8-10: Yaskawa Electric Corporation - Robotics Sales (Million US\$), 2010 - 2019

Figure 8-11: Yaskawa Electric Corporation - Forecast for Robotics Sales (Million US\$), 2020 - 2025

List Of Tables

LIST OF TABLES:

Table 5-1: Global - Service Robotics Market Share (Percent), 2009 - 2019

Table 5-2: Global - Forecast for Service Robotics Market Share (Percent), 2020 - 2025

Table 5-3: Global - Professional Service Robotics Market Share (Percent), 2009 - 2019

Table 5-4: Global - Forecast for Professional Service Robotics Market Share (Percent), 2020 - 2025

Table 5-5: Global - Personal and Domestic Service Robotics Market Share (Percent), 2009 - 2019

Table 5-6: Global - Forecast for Personal and Domestic Service Robotics Market Share (Percent), 2020 - 2025

Table 5-7: Global - Service Robotics Volume Share (Percent), 2009 - 2019

Table 5-8: Global - Forecast for Service Robotics Volume Share (Percent), 2020 - 2025

Table 5-9: Global - Professional Service Robotics Volume Share (Percent), 2009 - 2019

Table 5-10: Global - Forecast for Professional Service Robotics Volume Share (Percent), 2020 - 2025

Table 5-11: Global - Personal and Domestic Service Robotics Volume Share (Percent), 2009 - 2019

Table 5-12: Global - Forecast for Personal and Domestic Service Robotics Volume Share (Percent), 2020 - 2025

I would like to order

Product name: Global Service Robotics Market (Impact of COVID-19) and Volume Analysis by Type (Professional Service Robots, Personal and Domestic Service Robots) and Key Players Analysis - Forecast to 2025

Product link: <https://marketpublishers.com/r/G63127EFB9D0EN.html>

Price: US\$ 1,590.00 (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/G63127EFB9D0EN.html>