

North America Industrial Robot Software Market 2022-2032 by Robot Type, Robot Function, Software Type, Deployment, Provider, Industry Vertical, Organization Size, and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America industrial robot software is projected to grow by 11.7% annually in the forecast period and reach \$5.58 billion by 2032, driven by the emerging Industry 4.0, a large scope for AI innovation, an increasing adoption of advanced industrial robotics, and the innovative robotics software to improve the productivity and safety in manufacturing sectors.

Highlighted with 25 tables and 63 figures, this 151-page report “North America Industrial Robot Software Market 2022-2032 by Robot Type, Robot Function, Software Type, Deployment, Provider, Industry Vertical, Organization Size, and Country: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire North America industrial robot software market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America industrial robot software market in every aspect of the classification from perspectives of Robot Type, Robot Function, Software Type, Deployment, Provider, Industry Vertical, Organization Size, and Country.

Based on Robot Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

- Articulated Robots
- Cartesian Robots
- SCARA Robots
- Parallel Robots
- Collaborative Robots
- Other Robot Types

Based on Robot Function, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

- Soldering & Welding
- Material Handling
- Assembling & Disassembling
- Painting & Dispensing
- Milling & Grinding
- Cutting & Processing
- Other Robot Functions

By Software Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

- Simulation Software
- Recognition Software
- Data Management and Analysis Software
- Communication Management Software
- Predictive Maintenance Software

By Deployment, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

- On-Demand

On-Premises

By Provider, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

OEM Software

Third-party Software

By Industry Vertical, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Automotive Industry

Electrical & Electronics

Metal & Machinery

Chemicals, Rubber & Plastics

Medical & Pharmaceutical

Food & Beverage

Other Industry Verticals

By Organization Size, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Large Enterprises

SMEs

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Robot Type, Software Type and Deployment over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Bionic Robotics GmbH

Blue Ocean Robotics GmbH

Denso Corporation

Energid Technologies

Fanuc Corp.

Kawasaki Robotics Inc.
Hypertherm Inc.
In-House Solutions
Intelitek, Inc.
KUKA (Midea Group)
MUJIN, Inc.
Omron Corporation (Omron Adept Technologies)
Rethink Robotics, Inc.
RoboDK
RoboGroup T.E.K. Ltd.
Robotnik Automation S.L.L.
Scape Technologies A/S
Seiko Epson Corporation (Epson Robotics)
Siemens PLM Software
Staubli International AG
Toshiba Machine Co., Ltd.
Universal Robots
Yaskawa Electric Corp.

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

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Blue Ocean Robotics GmbH

Denso Corporation

Energid Technologies

Fanuc Corp.

Kawasaki Robotics Inc.

Hypertherm Inc.

In-House Solutions

Intelitek, Inc.

KUKA (Midea Group)

MUJIN, Inc.

Omron Corporation (Omron Adept Technologies)

Rethink Robotics, Inc.

RoboDK

RoboGroup T.E.K. Ltd.

Robotnik Automation S.L.L.

Scape Technologies A/S

Seiko Epson Corporation (Epson Robotics)

Siemens PLM Software

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