

Analysis Report on Software-Defined Automation Market Size, Share, and Trends by Product

*The Business Research Company's
Software-Defined Automation Market
Report 2026 – Market Size, Trends, And
Global Forecast 2026-2035*

LONDON, GREATER LONDON, UNITED
KINGDOM, January 29, 2026

/EINPresswire.com/ -- The [software-
defined automation market](#) is gaining

significant attention as industries increasingly seek flexible and efficient automation solutions. This sector is evolving rapidly, driven by technological advancements and growing digital transformation efforts across various sectors. Let's explore the current market size, key growth drivers, regional dynamics, and notable trends shaping this industry.



It will grow from \$46.63 billion in 2025 to \$54.09 billion in 2026 at a compound annual growth rate (CAGR) of 16.0%”

*The Business Research
Company*

Software-Defined Automation Market Size and Growth Outlook

The [software-defined automation market growth](#) has witnessed swift expansion in recent years. It is projected to grow from \$46.63 billion in 2025 to \$54.09 billion in 2026, representing a compound annual growth rate (CAGR) of 16.0%. Historical growth has been fueled by the rising adoption of industrial automation software, increased use of robotic process automation, enhanced integration of

intelligent control systems, expansion in manufacturing automation, and growing demand for cloud-based automation platforms.

Download a free sample of the software-defined automation market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=31144&type=smp>

Looking ahead, the market is expected to accelerate further, reaching \$96.98 billion by 2030 with a CAGR of 15.7%. This anticipated growth is supported by the increasing emphasis on AI-driven process automation, ongoing enterprise digital transformation initiatives, broader deployment of



The Business
Research Company

The Business Research Company

hybrid automation solutions, deeper integration of the Internet of Things (IoT) with automation, and heightened focus on energy efficiency and operational optimization. Key trends include innovations in cloud computing, machine learning advancements for automation, digital twin technology development, predictive maintenance research, and progress in vendor-neutral, open architecture platforms.

Understanding Software-Defined Automation and Its Benefits

Software-defined automation refers to the use of software-centric systems to manage and control automation workflows across diverse industries. By separating automation logic from physical hardware, this approach provides organizations with enhanced flexibility, scalability, and efficiency. It empowers companies to optimize operations, reduce costs, and speed up the rollout of automated solutions, making it a transformative approach in industrial automation.

View the full software-defined automation market report:

<https://www.thebusinessresearchcompany.com/report/software-defined-automation-market-report>

How Manufacturing Automation Adoption Boosts Software-Defined Automation Market

One of the primary forces driving growth in the software-defined automation sector is the expanding use of automation in manufacturing. This method enables production processes and machinery operations to be dynamically reconfigured, repurposed, or scaled through software control, replacing traditional hardware-bound setups. The escalating demand for flexible manufacturing systems that can quickly adapt to changing product requirements and market needs is propelling this trend forward.

Software-defined automation supports these needs by decoupling automation logic from fixed hardware, allowing manufacturers to rapidly update, reprogram, or scale production via centralized software platforms. For instance, in September 2025, the International Federation of Robotics reported that China had 2,027,000 industrial robots operating in factories during 2024, up from roughly 1,890,000 units in 2023. Annual installations grew by 7% to 295,000 units, accounting for 54% of global demand and marking the highest figures ever recorded. This rise in flexible and adaptive manufacturing systems is a significant driver for the software-defined automation market.

The Role of North America and Asia-Pacific in Market Leadership

In 2025, North America held the largest share of the software-defined automation market, establishing itself as the dominant regional player. However, the Asia-Pacific region is expected to experience the fastest growth throughout the forecast period. The software-defined automation market report covers a broad geographic scope including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of regional market dynamics and opportunities.

Browse Through More Reports Similar to the Global Software-Defined Automation Market 2026,

By [The Business Research Company](#)

Automation Software Market Report 2026

<https://www.thebusinessresearchcompany.com/report/automation-software-global-market-report>

Lab Automation Market Report 2026

<https://www.thebusinessresearchcompany.com/report/lab-automation-global-market-report>

Programmable Automation Controllers Market Report 2026

<https://www.thebusinessresearchcompany.com/report/programmable-automation-controllers-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-compan>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/887534508>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.