Dataintelo Forecasts Factory Automation Software Market to Reach USD 26.7 Billion by 2032 Amidst Renewable Energy Push and Digital Transformation

April 21, 2025 | Source: Dataintelo Consulting Pvt. Ltd - *Dataintelo*, a trusted authority in market intelligence, has released a new report offering in-depth insights into the rapidly evolving **Factory Automation Software Market**. The report forecasts the market to grow from **USD 12.3 billion in 2023 to USD 26.7 billion by 2032**, at a compound annual growth rate (CAGR) of **8.9%**. The study underlines how global industries are integrating automation, AI, and sustainable energy solutions into their operations to optimize efficiency and meet ESG goals.

Factory automation software plays a vital role in transforming industrial processes through real-time data integration, intelligent control systems, and predictive maintenance solutions. As manufacturers worldwide strive for operational efficiency, quality improvement, and compliance with environmental regulations, the demand for robust automation software is surging.

- **2023 Market Value**: USD 12.3 Billion

- **Projected Value by 2032**: USD 26.7 Billion

- **CAGR (2024–2032)**: 8.9%

The trend is being driven by the rise of Industry 4.0 and government initiatives promoting smart manufacturing and sustainability across key economies.

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Segmentation Analysis: Deep Dive into Market Demographics and Applications

The report segments the market comprehensively by component, deployment, enterprise size, end-user industries, and region:

By Component

- **Software**: MES, SCADA, PLC, HMI

- **Services**: Installation, Maintenance, Consulting

By Deployment Mode

- On-Premises

- Cloud-Based

By Enterprise Size

- Small & Medium Enterprises (SMEs)

- Large Enterprises

By End-User Industries

- Automotive

- Aerospace & Defense

- Food & Beverage

- Energy & Utilities

- Pharmaceuticals

- Electronics & Semiconductors

- Others

By Region

- North America

- Europe

- Asia-Pacific

- Latin America

- Middle East & Africa

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Market Drivers, Restraints, and Opportunities: Executive Overview

Key Market Drivers

- **Operational Efficiency Goals**: Businesses seek productivity boosts via automation.

- **Tech Advancements**: AI, IoT, and machine learning enable predictive maintenance.

- **Renewable Energy Integration**: Sustainability is becoming a strategic imperative.

Market Restraints

- **High Initial Investment**: Especially challenging for SMEs.

- **Integration Complexities**: Legacy systems hinder seamless deployment.

Growth Opportunities

- **Emerging Market Expansion**: Asia-Pacific and Latin America present huge potential.

- **Digital Transformation Acceleration**: COVID-19 aftermath fast-tracked automation needs.

- **ESG Alignment**: Automation supports carbon neutrality and green factory initiatives.

Competitive Landscape: Strategic Investments and Innovation Dominate

The Factory Automation Software Market is highly dynamic, with key players focusing on product innovation, mergers & acquisitions, and regional expansions. The competitive intensity is particularly strong in the cloud-based and AI-integrated segments, which are attracting heavy investments.

Dataintelo distinguishes itself with unparalleled research methodology, proprietary data analytics, and consultative support to help C-suite executives and strategy leaders make informed decisions.

Check Out the Report: https://dataintelo.com/checkout/453151

Sustainability & Renewable Energy: Automation at the Heart of the Green Shift

Sustainability has moved from being a corporate buzzword to a boardroom imperative. Automation software plays a pivotal role in helping industries reduce emissions, optimize energy use, and align with **net-zero targets**.

Key Sustainability Benefits:

- Real-time energy monitoring for optimized consumption.

- Data-driven emission control and reporting.

- Cost savings through efficient resource allocation.

Executives across sectors—especially manufacturing, utilities, and logistics—are embedding **renewable energy and automation** into their long-term strategy to meet global compliance standards and stakeholder expectations.

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Derivatives Market – Projected to reach **USD 1.2 trillion by 2030**, expanding at **6.5% CAGR**, driven by increasing institutional investments and sophisticated hedging strategies.
URL: https://dataintelo.com/report/derivatives-market

Global Derivatives and Commodities Brokerage Market – Estimated at **USD 850 billion by 2030**, growing at a CAGR of **5.8%** due to demand for risk management services in volatile markets.
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Diamond Materials for Semiconductor Market – Expected to hit **USD 1.5 billion by 2030**, growing at a CAGR of **7.2%** due to demand for heat-resistant, ultra-efficient semiconductors.
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Differential Gears Market – Projected to grow to **USD 10 billion by 2030**, at **6.1% CAGR**, thanks to rising EV and commercial vehicle production.
URL: https://dataintelo.com/report/differential-gears-market

Digital Adoption Platform (DAP) Software Market – Surging to **USD 3.2 billion by 2030**, growing at **8.4% CAGR**, led by enterprise needs for streamlined digital transformation.
URL: https://dataintelo.com/report/digital-adoption-platform-dap-software-market

Global Digital Adoption Platform Software Market – Estimated at **USD 4.5 billion by 2030**, with **9.1% CAGR**, driven by SaaS onboarding and training efficiency.
URL: https://dataintelo.com/report/global-digital-adoption-platform-software-market

Global Digital Business Card Market – Forecasted at **USD 1.2 billion by 2030**, expanding at **7.8% CAGR**, due to demand for contactless, eco-friendly networking tools.
URL: https://dataintelo.com/report/global-digital-business-card-market

Digital Content Creation Market – Expected to reach **USD 20 billion by 2030**, growing at **10.2% CAGR**, led by demand for video, influencer, and branded content platforms.
URL: https://dataintelo.com/report/digital-content-creation-market

Contact Information

Dataintelo Research

✉ Email: sales@dataintelo.com

📞 Phone: +1 909 414 1393

🌐 Website: https://www.dataintelo.com