+357 96 030922
info@marketpublishers.com

Digital Logistics Market Forecasts to 2032 – Global Analysis By Component (Solutions and Services), Deployment Mode (Cloud-Based and On-Premise), Organization Size, Technology, Application, End User and By Geography

https://marketpublishers.com/r/D8965EA77871EN.html
Date: April 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: D8965EA77871EN

Abstracts

According to Stratistics MRC, the Global Digital Logistics Market is accounted for $38.8 billion in 2025 and is expected to reach $139.3 billion by 2032, growing at a CAGR of 20.0% during the forecast period. The term 'digital logistics' describes how digital technologies are incorporated into logistical processes to improve supply chain decision-making, efficiency, and visibility. Technologies such as IoT, AI, cloud computing, and data analytics optimize inventory management, shipping, warehousing, and order fulfillment. Businesses may lower expenses, increase customer happiness, and swiftly adjust to shifting market demands by utilizing digital logistics, which makes real-time tracking, automation, and data-driven insights possible.

According to UN Trade and Development (UNCTAD), in 2023, developing economies surpassed $1 trillion in exports of digitally deliverable services, contributing to a global total of $4.5 trillion.

Market Dynamics:

Driver:

Growing e-commerce and omnichannel retail

One of the main drivers of the adoption of digital logistics is the exponential growth of e-commerce and omnichannel retail. Customers increasingly want delivery services that

+357 96 030922
info@marketpublishers.com

are dependable, transparent, and quick, which forces businesses to use cutting-edge logistics technologies. To meet these expectations, automated order fulfillment technologies, real-time tracking, and inventory management across numerous channels are essential. Additionally, the need for same-day delivery and the growth in cross-border trade motivate investments in blockchain, IoT, and AI to improve supply chain visibility. Retail behemoths like Amazon and Alibaba are establishing standards and pressuring smaller businesses to use digital technologies to stay competitive in a market that is changing quickly.

Restraint:

High initial investment and integration costs

Substantial upfront costs associated with software, hardware, and worker training discourage small and medium-sized businesses (SMEs) from deploying digital logistics systems. The complexity of integrating legacy systems further increases costs and operational disruptions. Cybersecurity and system upgrades continue to strain budgets. Despite long-term efficiency improvements, many businesses are reluctant to make the shift, especially in developing nations.

Opportunity:

Optimization and automation of processes

By automating processes and lowering operating expenses and human errors, digital logistics has the potential to revolutionize the industry. IoT-enabled sensors improve real-time asset tracking, while AI-driven predictive analytics optimize demand forecasting, warehouse management, and route planning. Robotic process automation (RPA) streamlines repetitive processes, freeing up resources for key projects. The trend toward driverless cars and drone deliveries further demonstrates innovation opportunities.

Threat:

Data security and privacy concerns

The digitization of logistics systems increases their susceptibility to data breaches and cyberattacks. Malicious actors target sensitive data, including shipment records and client information. Adherence to strict laws such as the CCPA and GDPR increases

+357 96 030922
info@marketpublishers.com

legal risks and operational complexity. High-profile violations result in financial penalties and damage stakeholder trust. Strong encryption, multi-factor authentication, and ongoing monitoring are necessary to mitigate this issue. But the high expense of cybersecurity equipment continues to be a problem, especially for smaller firms.

Covid-19 Impact:

The COVID-19 epidemic revealed weaknesses in the supply chain, hastening the introduction of digital logistics. Lockdowns increased demand for contactless delivery and real-time tracking, which in turn drove an increase in e-commerce. Businesses emphasized cloud-based solutions and artificial intelligence (AI) to improve resilience, even though initial disruptions caused delays. Predictive analytics and hybrid work models were commonplace after the epidemic, which fueled sustained investments in automation. However, labor shortages and issues with semiconductor supply momentarily hampered the spread of technology.

The solutions segment is expected to be the largest during the forecast period

The solutions segment is expected to account for the largest market share during the forecast period. The increase is due to the wide range of services it offers, such as supply chain visibility platforms, warehouse optimization, and transportation management. Businesses prioritize integrated software to enhance decision-making, reduce costs, and streamline processes. Furthermore, the growth of IoT and Big Data analytics is fueling the requirement for scalable systems that can be customized to meet various logistics demands. Leading suppliers like SAP and Oracle are always coming up with new ways to improve functionality and user experience by integrating AI.

The cloud-based segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the cloud-based segment is predicted to witness the highest growth rate due to its scalability, affordability, and remote accessibility. Large companies gain from real-time data exchange over international networks, while SMEs prefer cloud platforms for their cheaper upfront costs and smooth updates. Additionally, hybrid cloud solutions support adoption in regulated businesses by addressing data sovereignty concerns. The move to subscription-based pricing satisfies demands for financial flexibility and solidifies cloud computing as a key segment in digital logistics.

Region with largest share:

+357 96 030922
info@marketpublishers.com

During the forecast period, the North America region is expected to hold the largest market share because of its developed technology infrastructure, high rate of e-commerce, and presence of forward-thinking logistics companies like FedEx and UPS. Government programs that support sustainability and smart transportation further accelerate adoption. Furthermore, the area maintains its market supremacy by concentrating on using blockchain and artificial intelligence to reduce supply chain bottlenecks.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by the expansion of e-commerce in China and India as well as efforts to modernize infrastructure. Governments make significant investments in digital trade routes and smart ports, and SMEs use cloud computing to become more competitive. Cross-border trade agreements, urbanization, and growing disposable incomes further increase the need for effective logistics networks in the region.

Key players in the market

Some of the key players in Digital Logistics Market include SAP SE, Oracle Corporation, IBM Corporation, Microsoft Corporation, Deutsche Post DHL Group, FedEx Corporation, Kuehne + Nagel International AG, C.H. Robinson Worldwide, Inc., Trimble Inc., Descartes Systems Group, Manhattan Associates, Inc., Project44, FourKites, Expeditors International, XPO Logistics, Inc., United Parcel Service (UPS), A.P. Moller – Maersk, and DSV Panalpina A/S.

Key Developments:

In April 2025, IBM announced it has acquired Hakkoda Inc., a leading global data and AI consultancy. Hakkoda will expand IBM Consulting's data transformation services portfolio, adding specialized data platform expertise to help clients get their data ready to fuel AI-powered business operations. This acquisition amplifies IBM's ability to meet the rapidly growing demand for data services and help clients build integrated enterprise data estates that are optimized for speed, cost and efficiency across multiple business use cases.

In October 2024, C.H. Robinson achieved automation across the entire lifecycle of a freight shipment using generative AI. This technology automates tasks from pricing to

+357 96 030922
info@marketpublishers.com

delivery, processing over 10,000 routine transactions daily, reducing processing time from hours to seconds.

Components Covered:

- Solutions
- Services

Deployment Modes Covered:

- Cloud-Based
- On-Premise

Organization Sizes Covered:

- Large Enterprises
- Small and Medium-Sized Enterprises (SMEs)

Technologies Covered:

- Internet of Things (IoT)
- Big Data Analytics
- Artificial Intelligence (AI) and Machine Learning (ML)
- Blockchain Technology
- Cloud Computing
- Mobile Logistics
- Telematics and GPS

+357 96 030922
info@marketpublishers.com

- Robotics and Automation

Applications Covered:

- Warehouse Management
- Transportation and Freight Management
- Inventory Management
- Supply Chain Visibility
- Labor Management
- Last-Mile Delivery

End Users Covered:

- Retail and E-commerce
- Manufacturing
- Healthcare and Pharmaceuticals
- Automotive
- Energy and Utilities
- Food and Beverage
- Logistics and Transportation Providers
- Other End Users

Regions Covered:

+357 96 030922
info@marketpublishers.com

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

+357 96 030922
info@marketpublishers.com

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

+357 96 030922
info@marketpublishers.com

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

12 KEY DEVELOPMENTS

13 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Digital Logistics Market Forecasts to 2032 – Global Analysis By Component (Solutions and Services), Deployment Mode (Cloud-Based and On-Premise), Organization Size, Technology, Application, End User and By Geography

Product link: https://marketpublishers.com/r/D8965EA77871EN.html

Price: US$ 4,150.00 (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/D8965EA77871EN.html