

Connected Logistics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-07-01 | 120 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

Connected Logistics Market Analysis

The connected logistics market reached USD 33.94 billion in 2025 and is forecast to climb to USD 62.59 billion by 2030, reflecting a solid 13.02% CAGR. Shippers' insistence on end-to-end freight transparency, the rapid roll-out of IoT sensors, and the rise of 5G private networks in ports and yards underpin this expansion. Platform vendors are merging asset tracking, real-time visibility, and predictive analytics into unified suites that lower total cost of ownership for carriers and shippers alike. Cyber-resilience and data-sovereignty compliance remain central design criteria, nudging providers toward zero-trust architectures and regional data-processing nodes. The race to de-risk supply chains through digital twins accelerates pilot investments in AI-driven disruption forecasting, especially in manufacturing hubs and export-oriented economies.

Global Connected Logistics Market Trends and Insights

Surge in IoT-enabled asset tracking

Low-power sensors and global LPWAN coverage let companies monitor location, temperature, and shock in real time, extending battery life to a decade in some LoRaWAN deployments. BMW's use of Bluetooth beacons to trace vehicles across warehouses cut search times dramatically. Cardinal Health's smart-sensor pilots improve expiry management in hospital supply rooms. Converging AI analytics transform historical data into predictive maintenance alerts, shifting fleets from reactive to proactive coordination.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Real-time freight visibility mandates from shippers

FourKites' purchase of TrackX Yard Solutions pairs yard-management data with over-the-road visibility, giving shippers sub-hourly updates on trailer locations. RFID deployments in automotive finishing centers stream live status to OEM ERP systems, satisfying strict just-in-time metrics. Life-science consignors deploy multi-sensor tags to meet continuous-temperature logging rules under Good Distribution Practice. Visibility feeds generative-AI route optimization portals expected to handle one-quarter of logistics KPI reporting by 2028.

Cyber-security liabilities across multi-tenant fleets

Reported breaches in transport rose 181% in 2024, with ransomware targeting fleet telematics and electronic logging devices. Cargo theft hit USD 455 million, often via broker impersonation that reroutes entire truckloads. Logistics CISOs now budget double-digit growth in security spend, mirroring Maersk's forecast of USD 36.6 billion by 2037. Multi-tenant SaaS platforms complicate isolation-of-tenants, elevating lateral-movement risks

Other drivers and restraints analyzed in the detailed report include:

M&A-driven platform consolidation / 5G private networks in yards and ports / Fragmented global data-sovereignty laws /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

Asset Management represented 41.0% of the connected logistics market size in 2024 thanks to the immediate ROI firms gain by trimming idle time and improving container turns. Enterprises mesh RFID, GNSS, and environmental sensors into unified dashboards that flag under-utilized trailers and temperature excursions in real time. Streaming Analytics is advancing at 16.45% CAGR as organizations demand sub-second insight into truck ETA variance and dwell-time hot spots, fueling predictive rerouting engines.

Evolving warehouse IoT overlays expand use cases from picker guidance to climate optimization, cutting spoilage rates for cold-chain SKUs. Security analytics suites analyze atypical data-packet flows to detect early indicators of device compromise. As Microsoft extends edge AI toolkits into logistics gateways, providers stitch asset health and traffic forecasts into single recommendation engines.

Device Management captured 44.0% share in 2024, reflecting the complexity of patching firmware and certifying thousands of truck, pallet, and yard sensors. Zero-touch onboarding tools reduce truck-dock activation times, supporting large-scale refresh cycles. Connectivity Management is rising at a 15.67% CAGR as private 5G and satellite links multiply subscription profiles that must be orchestrated per asset.

Application Management platforms move workloads between cloud regions and edge gateways to honor latency budgets and data-residency constraints. Patent filings by Tencent and Samsung illustrate new traffic-prioritization algorithms that adapt radio parameters by vehicle speed. Blockchain-enabled devices now embed cryptographic modules, raising the bar for device-lifecycle orchestration

Roadways held 38.5% of the connected logistics market share in 2024 due to dense last-mile networks and mature telematics retrofits. Camera-based ADAS and ELD mandates fuel data flows that improve driver safety and regulatory compliance. Seaways

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

is expected to post a 15.10% CAGR, propelled by smart-container telemetry and automated terminal operations.

Railways modernize with wayside-sensor arrays that predict wheel-flat defects, reducing line-haul interruptions. Airways integrate ULD trackers and AI-driven slot-management tools at cargo hubs. Eurotainer's tank-container telemetry cut supply-chain costs 40% by shrinking heating cycles. Aurora Innovation's driverless freight corridor between Dallas and Houston logged 1,200 miles without a human operator

The Connected Logistics Market Report is Segmented by Software Solution (Asset Management, Security, and More), Product Type (Device Management, Application Management, and More), Transportation Mode (Roadways, Railways, and More), End-User Industry (Automotive, Manufacturing and More), Service Type (Managed Services and More), Deployment Mode (Cloud, Hybrid, and More), Organization Size (Large Enterprises and More), and Geography.

Geography Analysis

North America retained 35.2% share in 2024, buoyed by robust highway networks and supportive innovation sandboxes for autonomous vehicle pilots. Amazon is investing USD 4 billion to extend next-day coverage to 4,000 rural communities, underscoring the scale of infrastructure spend. UPS's purchase of Andlauer Healthcare Group deepens cold-chain specialization in the region. Cyber-risk remains acute, yet venture funding and public-private testbeds accelerate technology diffusion.

Asia Pacific is projected to lead growth at a 13.5% CAGR through 2030. Japan's transport ministry is evaluating a 500-kilometer automated freight link between Tokyo and Osaka. Australia's logistics-automation outlays exceed USD 4 billion, spanning warehouse robotics and yard automation. GEODIS is extending GPS-tracked road corridors from Singapore to China in anticipation of a USD 4.5 trillion regional logistics sector. Vietnam positions itself as an ASEAN logistics pivot by hosting the 2025 FIATA World Congress.

Europe balances stringent data-protection rules with decarbonization mandates that push fleets toward EVs and sustainable aviation fuels. CEVA added 23 electric trucks, raising its low-carbon fleet beyond 1,100 vehicles cevalogistics.com. DHL collaborates with Neste on SAF supply models, supporting the EU's net-zero transport goal. The European Commission estimates the regional logistics economy at EUR 878 billion and continues harmonizing rules to cut cross-border paperwork

List of Companies Covered in this Report:

Bosch Service Solutions GmbH / Cisco Systems Inc. / AT&T Inc. / IBM Corporation / Intel Corporation / SAP SE / Oracle Corporation / Freightgate Inc. / ORBCOMM Inc. / HCL Technologies Ltd. / Honeywell International Inc. / Microsoft Corporation / Siemens AG / Zebra Technologies Corp. / Trimble Inc. / Descartes Systems Group / Sensitech Inc. / Project44 Inc. / FourKites Inc. / Huawei Technologies Co. Ltd. / JD Logistics / DHL Supply Chain / FedEx Corp. / UPS Inc. /

Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET LANDSCAPE

4.1 Market Overview

4.2 Market Drivers

4.2.1 Surge in IoT-enabled asset tracking

4.2.2 Real-time freight visibility mandates from shippers

4.2.3 MandA-driven platform consolidation

4.2.4 5G private networks in yards and ports

4.2.5 De-risking supply chains via digital twins

4.3 Market Restraints

4.3.1 Cyber-security liabilities across multi-tenant fleets

4.3.2 Fragmented global data-sovereignty laws

4.3.3 Scarcity of interoperable APIs for brown-field assets

4.3.4 Margin pressure from "ship-for-free" e-commerce models

4.4 Value Chain Analysis

4.5 Regulatory Landscape

4.6 Technological Outlook

4.7 Porter's Five Forces Analysis

4.7.1 Threat of New Entrants

4.7.2 Bargaining Power of Buyers

4.7.3 Bargaining Power of Suppliers

4.7.4 Threat of Substitutes

4.7.5 Competitive Rivalry

5 MARKET SIZE AND GROWTH FORECASTS (VALUE)

5.1 By Software Solution

5.1.1 Asset Management

5.1.2 Warehouse IoT

5.1.3 Security

5.1.4 Data Management

5.1.5 Network Management

5.1.6 Streaming Analytics

5.2 By Product Type

5.2.1 Device Management

5.2.2 Application Management

5.2.3 Connectivity Management

5.3 By Transportation Mode

5.3.1 Roadways

5.3.2 Railways

5.3.3 Airways

5.3.4 Seaways

5.4 By End-user Industry

5.4.1 Automotive

5.4.2 Manufacturing

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.3 Oil and Gas
- 5.4.4 IT and Telecom
- 5.4.5 Healthcare
- 5.4.6 Retail and E-commerce
- 5.4.7 Food and Beverage
- 5.4.8 Other Industries
- 5.5 By Service Type
 - 5.5.1 Consulting and Integration
 - 5.5.2 Managed Services
 - 5.5.3 Support and Maintenance
- 5.6 By Deployment Mode
 - 5.6.1 Cloud
 - 5.6.2 On-Premise
 - 5.6.3 Hybrid
- 5.7 By Organisation Size
 - 5.7.1 Large Enterprises
 - 5.7.2 Small and Medium Enterprises (SMEs)
- 5.8 By Geography
 - 5.8.1 North America
 - 5.8.1.1 United States
 - 5.8.1.2 Canada
 - 5.8.1.3 Mexico
 - 5.8.2 South America
 - 5.8.2.1 Brazil
 - 5.8.2.2 Argentina
 - 5.8.2.3 Chile
 - 5.8.2.4 Rest of South America
 - 5.8.3 Europe
 - 5.8.3.1 Germany
 - 5.8.3.2 United Kingdom
 - 5.8.3.3 France
 - 5.8.3.4 Italy
 - 5.8.3.5 Spain
 - 5.8.3.6 Netherlands
 - 5.8.3.7 Russia
 - 5.8.3.8 Rest of Europe
 - 5.8.4 Asia Pacific
 - 5.8.4.1 China
 - 5.8.4.2 India
 - 5.8.4.3 Japan
 - 5.8.4.4 South Korea
 - 5.8.4.5 ASEAN
 - 5.8.4.6 Rest of Asia Pacific
 - 5.8.5 Middle East and Africa
 - 5.8.5.1 Middle East
 - 5.8.5.1.1 GCC (Saudi Arabia, UAE, Qatar, etc.)
 - 5.8.5.1.2 Turkey

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.8.5.1.3 Rest of Middle East

5.8.5.2 Africa

5.8.5.2.1 South Africa

5.8.5.2.2 Rest of Africa

6 COMPETITIVE LANDSCAPE

6.1 Market Concentration

6.2 Strategic Moves

6.3 Market Share Analysis

6.4 Company Profiles {(includes Global level Overview, Market level overview, Core Segments, Financials as available, Strategic Information, Market Rank/Share for key companies, Products and Services, and Recent Developments)}

6.4.1 Bosch Service Solutions GmbH

6.4.2 Cisco Systems Inc.

6.4.3 AT&T Inc.

6.4.4 IBM Corporation

6.4.5 Intel Corporation

6.4.6 SAP SE

6.4.7 Oracle Corporation

6.4.8 Freightgate Inc.

6.4.9 ORBCOMM Inc.

6.4.10 HCL Technologies Ltd.

6.4.11 Honeywell International Inc.

6.4.12 Microsoft Corporation

6.4.13 Siemens AG

6.4.14 Zebra Technologies Corp.

6.4.15 Trimble Inc.

6.4.16 Descartes Systems Group

6.4.17 Sensitech Inc.

6.4.18 Project44 Inc.

6.4.19 FourKites Inc.

6.4.20 Huawei Technologies Co. Ltd.

6.4.21 JD Logistics

6.4.22 DHL Supply Chain

6.4.23 FedEx Corp.

6.4.24 UPS Inc.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Connected Logistics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-07-01 | 120 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-26"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com