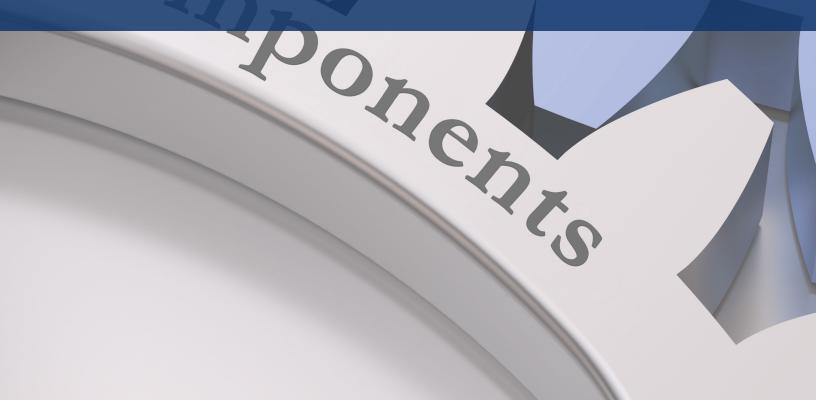
Longevity:

Insights and Analysis of the Global and Regional Spare/Service Parts 3PL Markets

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Armstrong & Associates, Inc. (A&A) was established in 1980 to meet the needs of a newly deregulated domestic transportation market. Since then, through its leading Third-Party Logistics (3PL) market research and history of helping companies outsource logistics functions, A&A has become an internationally recognized key resource for 3PL market information and consulting.

A&A's mission is to have leading proprietary supply chain knowledge and market research not available anywhere else. As proof of our continued work in supporting our mission, A&A's 3PL market research is frequently cited in media articles, publications, and securities filings by publicly traded 3PLs. In addition, A&A's email newsletter currently has over 88,000 subscribers globally.

A&A's market research complements its consulting activities by providing continually updated data for analysis. Based upon its unsurpassed knowledge of the 3PL market and the operations of leading 3PLs, A&A has provided strategic planning consulting services to over 30 3PLs, supported 24 closed investment transactions, and provided advice to numerous companies looking to benchmark existing 3PL operations or outsource logistics functions.

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Global Spare/Service Parts (SPL) 3PL Market and Key Regions

Figure 1. Global SPL 3PL Market 2016-2023E (US\$ Billions)

Figure 2. SPL 3PL Market by Key Regions and Countries 2016-2023E (US\$ Millions)

Major SPL 3PL Vertical Industries and Growth

Table 1. Global SPL 3PL Revenue Growth by Vertical Industry and Select Sub Segments

	MAJOR SPL 3PL VERTICALS	
Figure 3. Asia Pacific SPL 3PL Revenue Growth by Vertical Indu	stry - 2016-2023E (US\$ Millions)	l



Major SPL 3PLs

CEVA Logistics

CEVA's Automotive Customers

———— CEVA LOGISTICS

Anji-CEVA Automotive Process

Choice Logistics

Choice Logistics' Global Network

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Choice Logistics' IOR Network

Choice's Life Cycle Logistics Solutions

Choice's Target Markets

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DB Schenker

DB Schenker Automotive Supply Chain Solutions

DB Schenker's Automotive Supply Chain Process

— DB SCHENKER

DB Schenker's AOG Network

DHL Supply Chain's Service Logistics
Storage & inventory management
Integrated transport management
Reverse logistics
Value-added services

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Markets/Industries Served

Technology

Dimerco Express Group

Primary Dimerco Served Industries

FedEx Critical Inventory Logistics FedEx Transportation Options Portfolio FedEx Global Distribution Center

Forward Stocking Location Network

FedEx's Forward Stocking Location and Distribution Center Network

Services

Horizon Air Freight

Kuehne + Nagel

Kuehne + Nagel's AOG Network

MNX Global Logistics

MNX's Global Network

MNX's Global Services Portfolio

Penske Logistics

Penske's U.S. SPL network

Ryder Spare Parts Operations

Ryder's Mexico Service Parts Overview

Ryder SPO OEM Relationships in Mexico

yder's Service Parts	Coverage and	Infrastructure	(Q3-2021)
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Success Story - Toyota SPO

Operational Environment

Upcoming Projects

UPS	Service	Parts	Logistics
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UPS Service Parts Logistics Capabilities by Major Region

UPS Post Sales Services

Integration with UPS Transportation Services

Technology

Market Research

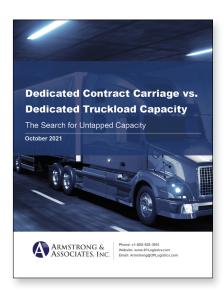
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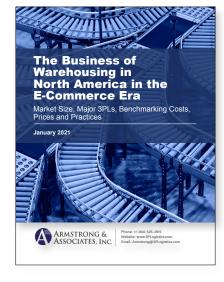


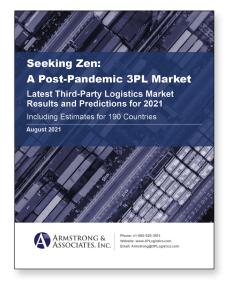
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Our premium market research and analysis offering includes access to our most popular 3PL market research reports and a subscription to our leading 3PL guide, *Who's Who in Logistics Online*. Discounted phone consulting is available.







Dedicated Contract Carriage vs. Dedicated Truckload Capacity - The Search for Untapped Capacity

This report provides background information on the history of the dedicated transportation market and growth trends. The Dedicated Contract Carriage (DCC) and Dedicated Truckload Capacity (DTC) segments are compared and contrasted. The report covers historical and projected estimates for DCC and DTC (2010-2023E), the different characteristics by segment, contract terms, profitability, power units, equipment assignment, industries served, lease versus truckload providers, the 25 largest U.S. DCC providers and more.

The Business of Warehousing in North America – 2021 Market Size, Major 3PLs, Benchmarking Costs, Prices and Practices

This major market research report on North American warehousing provides updates on facility sizes, capacity, revenues, pricing (including e-commerce rates), and commodities handled. Operating margins are provided for contract warehousing operations. Expected operating margins and profitability measures are compared to actual results. Statistical analyses detail the effects of open book relationships and leasing, versus ownership on overall warehouse profitability. E-commerce logistics costs, 3PL revenue, growth rates, and for the first time, e-commerce fulfillment benchmark rates are also covered. In addition, warehouse rents and vacancy rates. customer service trends, key performance indicators, value-added services and warehouse management systems used and A&A's list of Top 50 North American Value-Added Warehousing and Distribution (VAWD) third-party logistics providers list is included.

Seeking Zen – Latest Third-Party Logistics Market Results and Trends for 2021 Including Estimates for 190 Countries

This definitive analysis explores the latest trends in the third-party logistics industry and its major segments. 2020 results and estimates for 2021 are included. Historical trends and growth by 3PL segment are detailed. A&A's latest Global 3PL market estimates, covering seven major regions comprising 190 countries, are provided. Total and segment 3PL revenues and logistics spend by country and region are included. The report also contains A&A's lists of the Top 50 Global 3PLs, Top 50 U.S. 3PLs and Top 25 Global Freight Forwarders for 2020.

New to the report this year is a yearover-year comparison of 12 of the top 25 global freight forwarders and how they fared in 2020 compared to 2019.