

2019 23rd Annual 3PL Study



October 2018

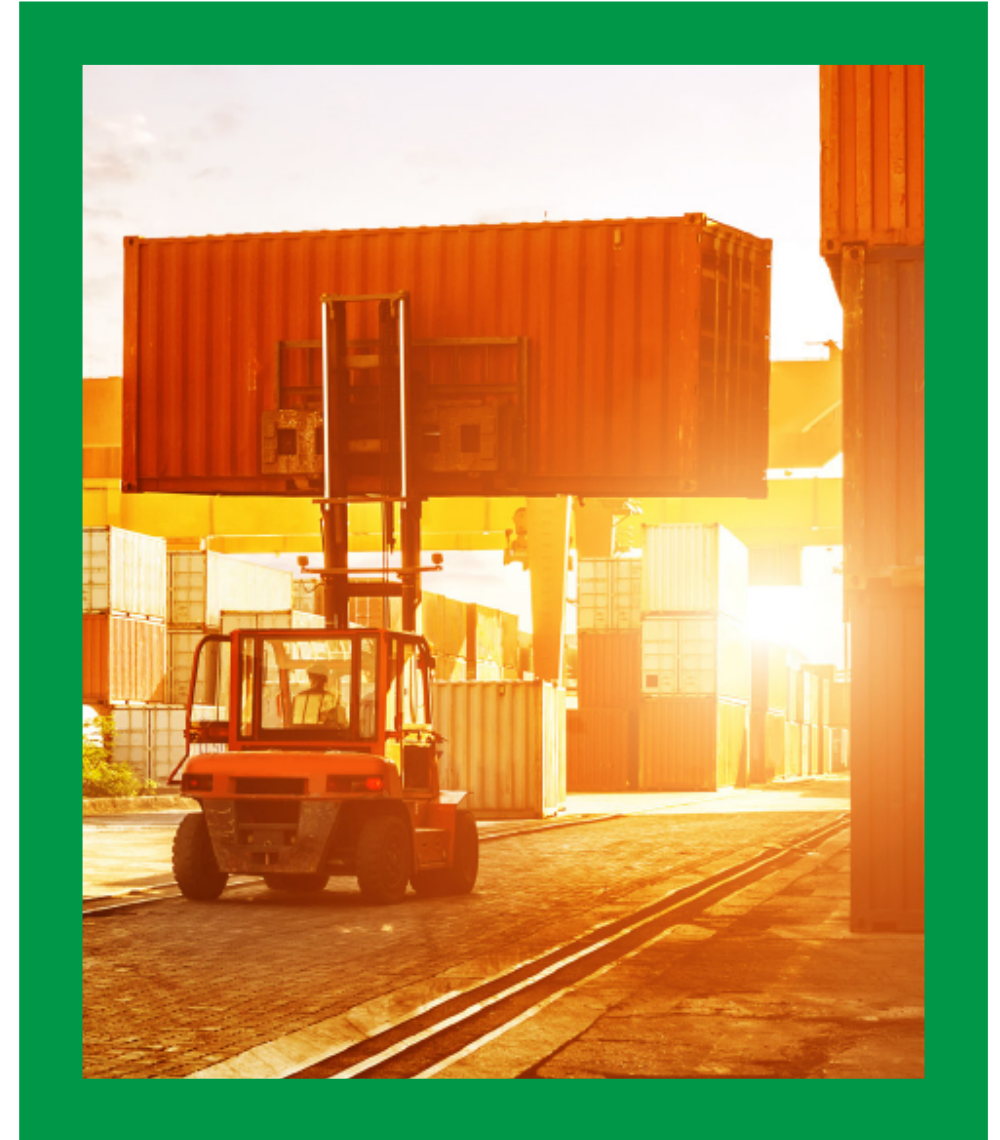


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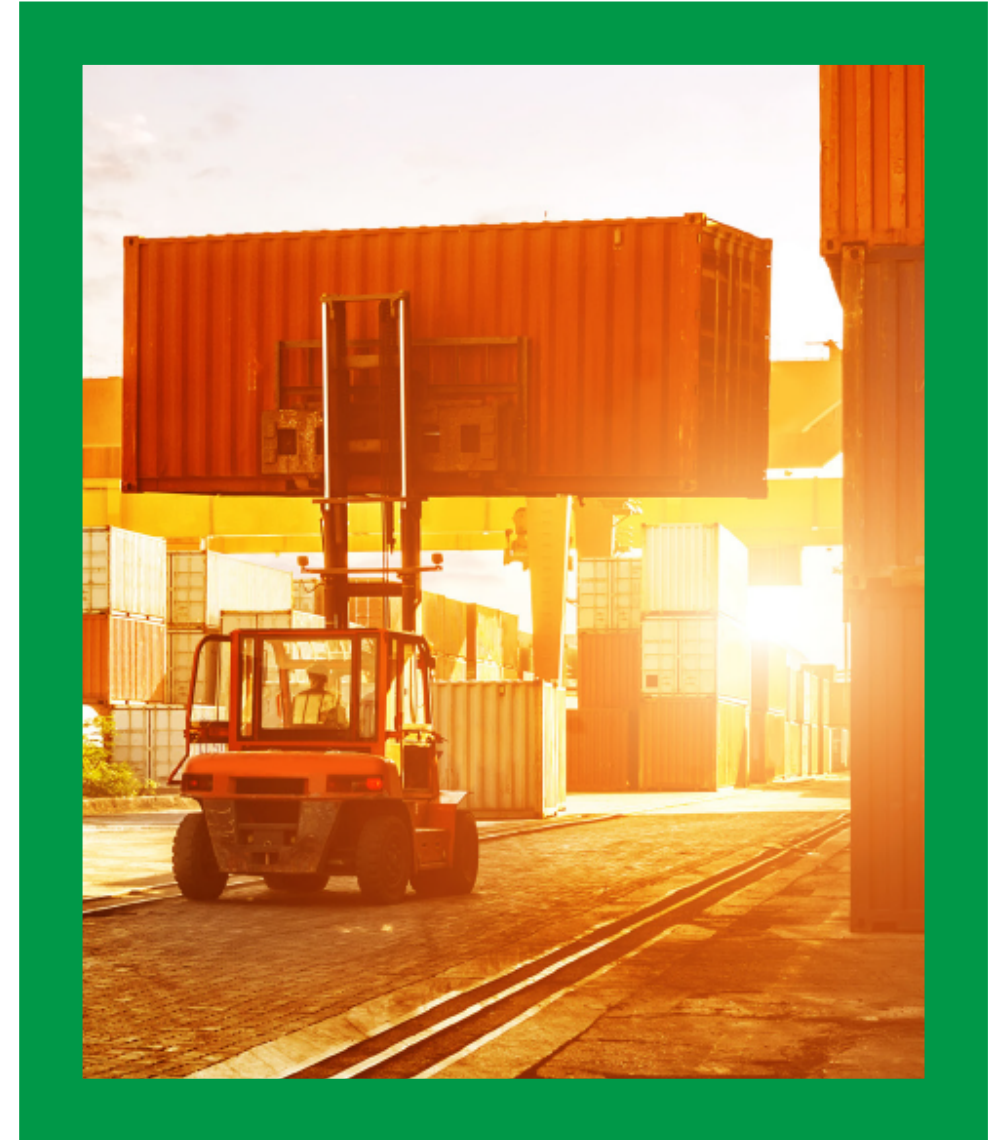
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- About the Study
- Current State of 3PL Market
- Special Topics
 - Keeping the Supply Chain Alive and Nimble
 - The Last Yard
 - Omni-Channel
 - Dealing with Disruption
 - 3PL-Shipper Data Sharing

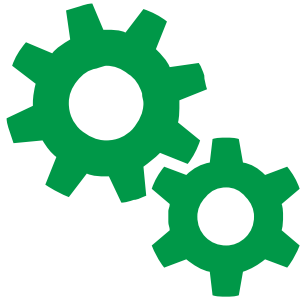


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2019 23rd Annual 3PL Study – Major Research Thrusts



Customer Study

- E-mail Survey
 - Shippers
 - 3PL/4PLs
- Global
- Major Industry Verticals



Special Topics

- Leading Research
 - Industry
 - Infosys Research
- Key Industry Experts



Facilitated Discussions

- Workshops
- Roundtables
- Focus Interviews

“Special Topics” Featured in Recent Annual 3PL Studies

- Emerging Markets
- Electronics
- Talent Management

2012

- Supply Chain Innovation
- Supply Chain Disruption
- IT Gap
- Talent Management

2013

- Preferential Sourcing
- Smart Growth
- Big Data
- Growth and 3PL Relationships

2014

- Omni-Channel
- Strategic Workforce Planning
- CRM and Cloud
- Business in Mexico

2015

- 3PL Competitive Landscape
- Labor Shortage
- Multi-Enterprise Relationships

2016

- Logistics Service Providers: Decision Time
- 3PL Roles in Supply Chain Transformation
- Utilizing Big Data and Analytics
- End-of-Life Supply Chain

2017

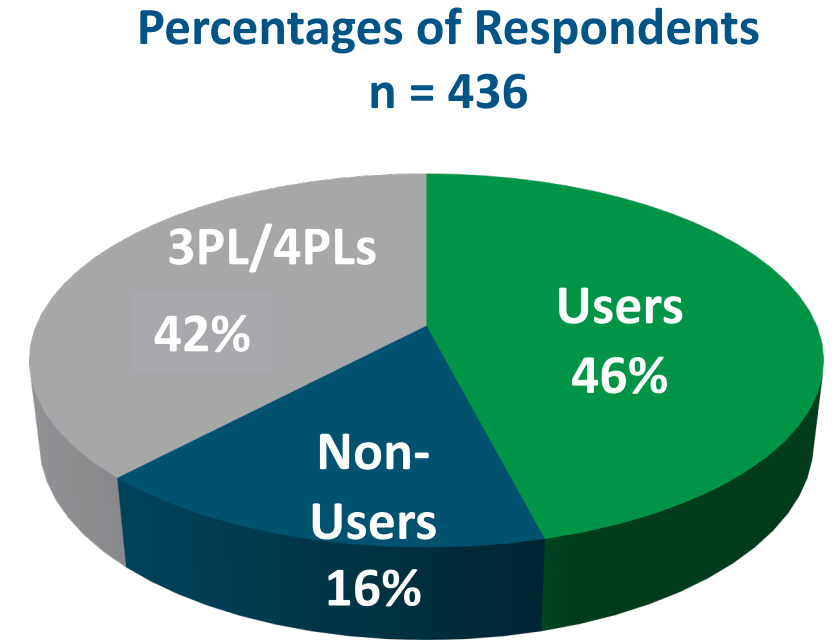
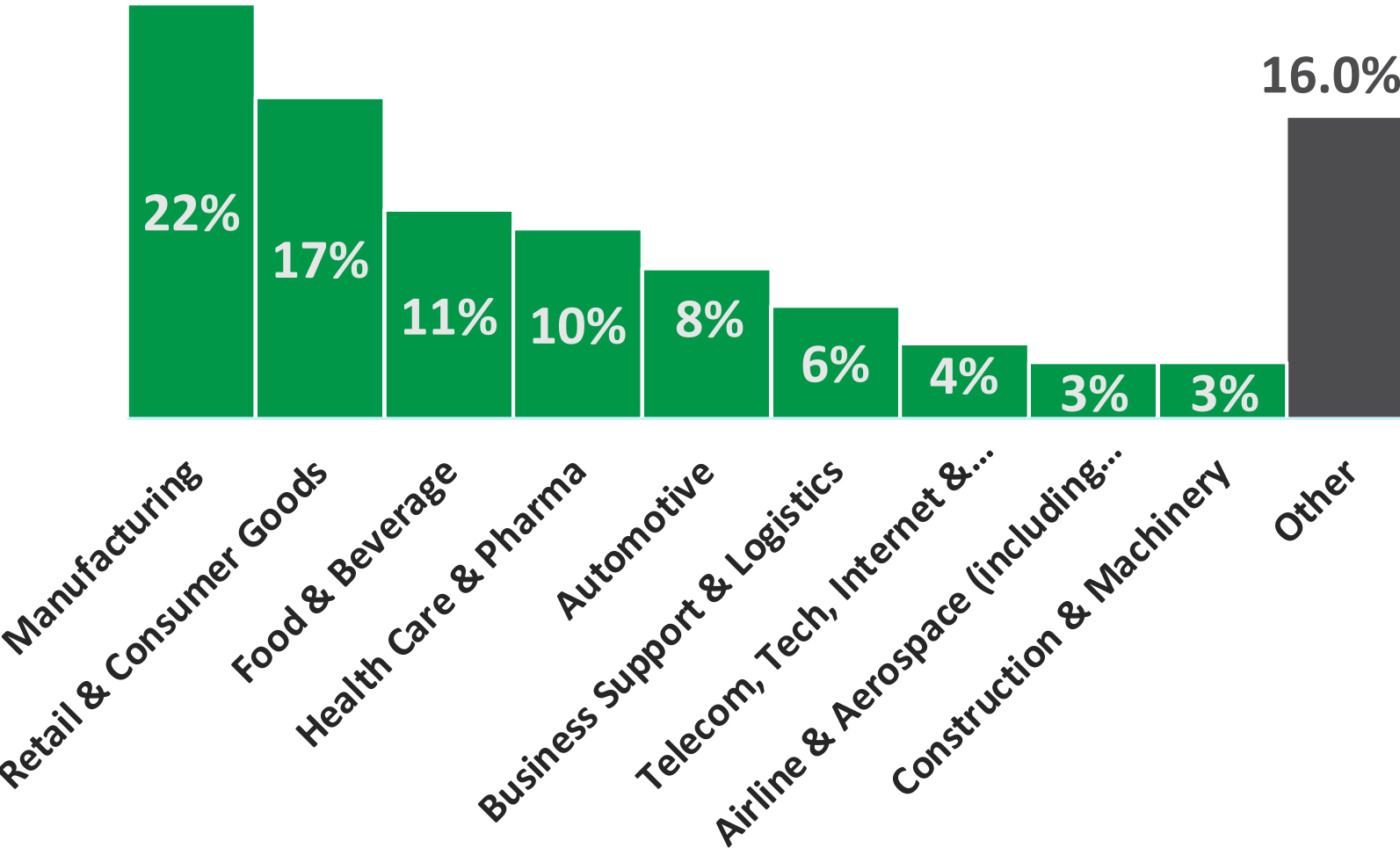
- Blockchain for Supply Chain
- Automation/Digitization in Transportation
- Risk/Resilience in Shipper-3PL Relationships
- Logistics Talent Revolution

2018

- Keeping the Supply Chain Alive and Nimble
- The Last Yard
- Omni-Channel Revisited
- Dealing with Disruption Revisited
- Shipper-3PL Data Sharing

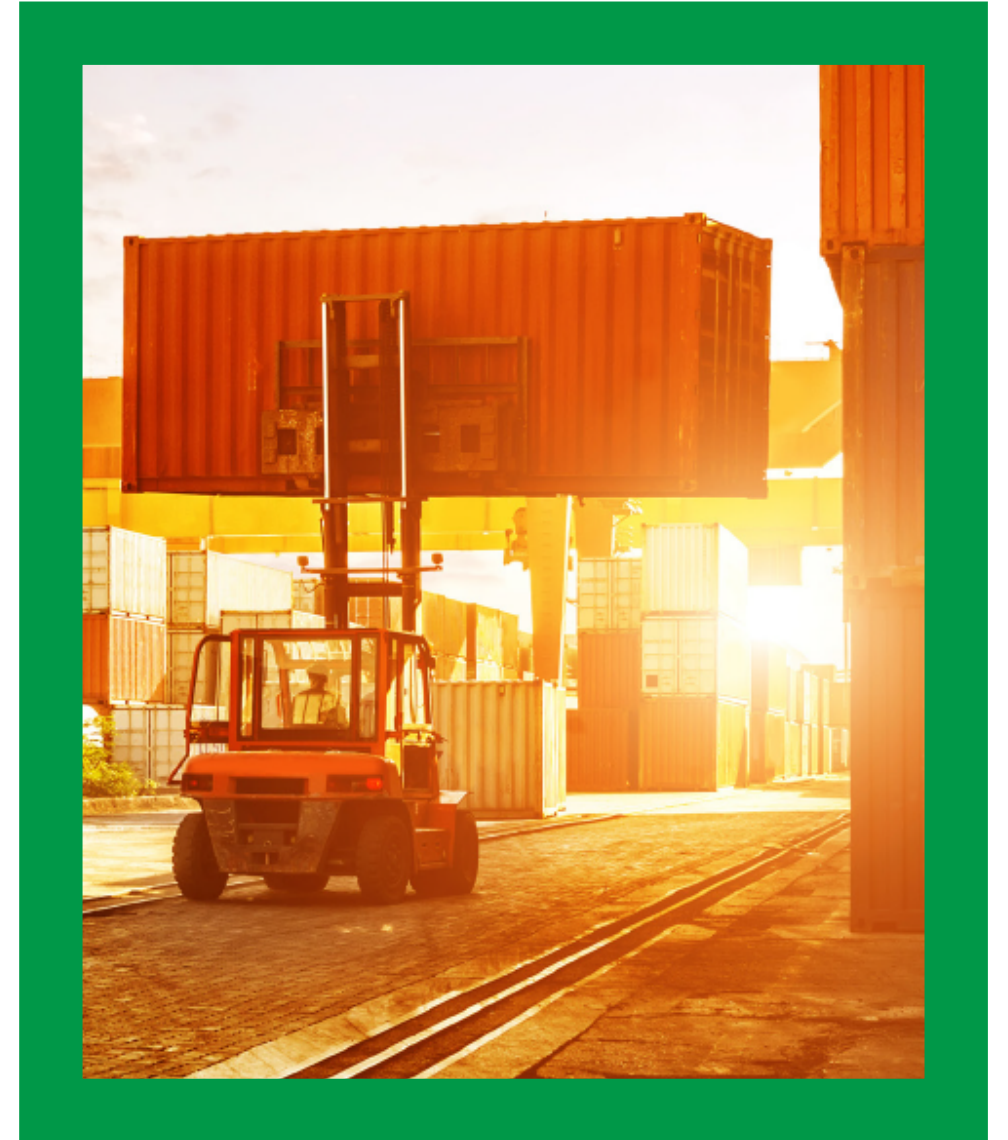
2019

The 2019 study includes both users and providers of outsourced logistics services

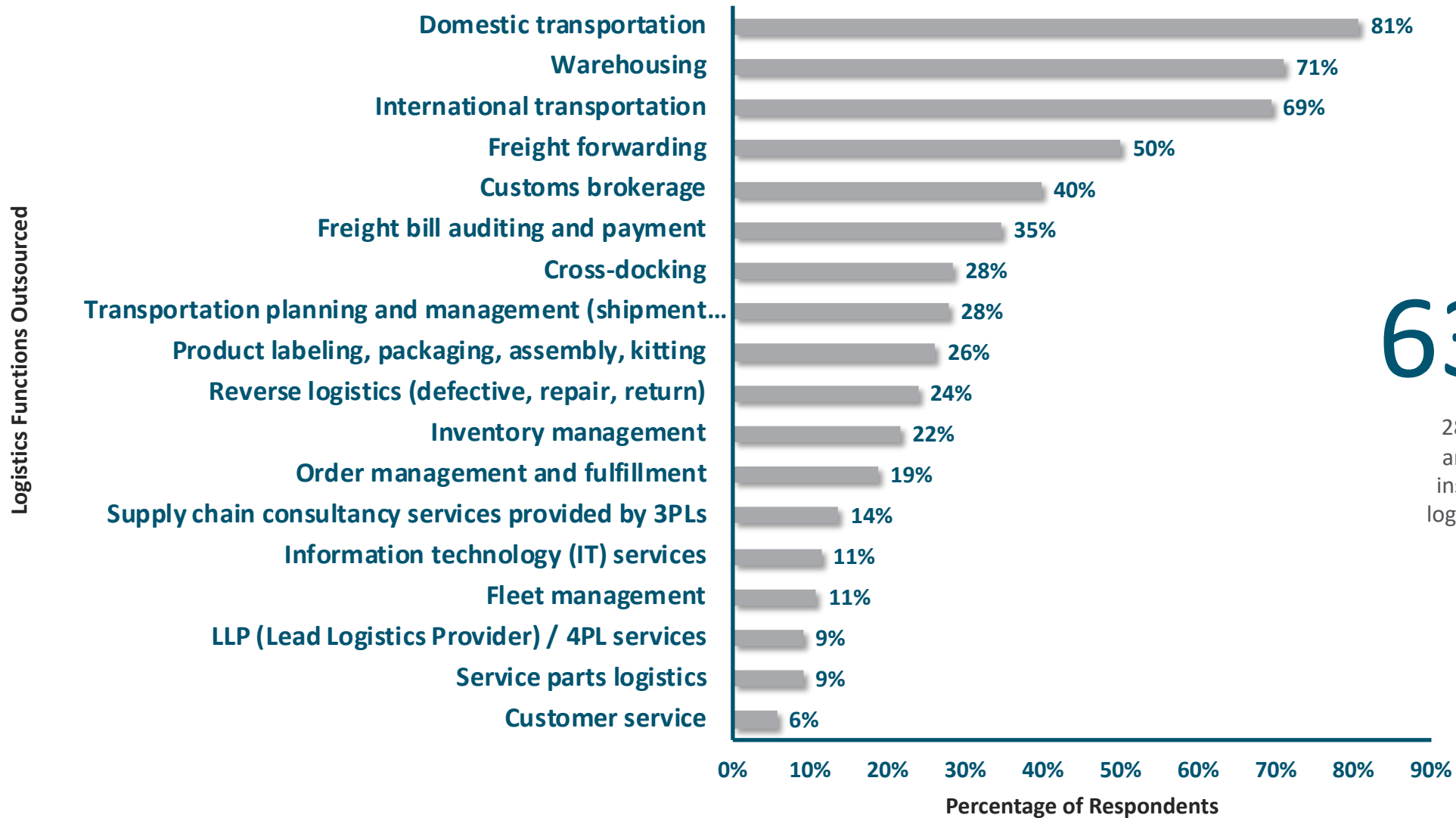


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Shippers currently outsource a wide variety of logistics services

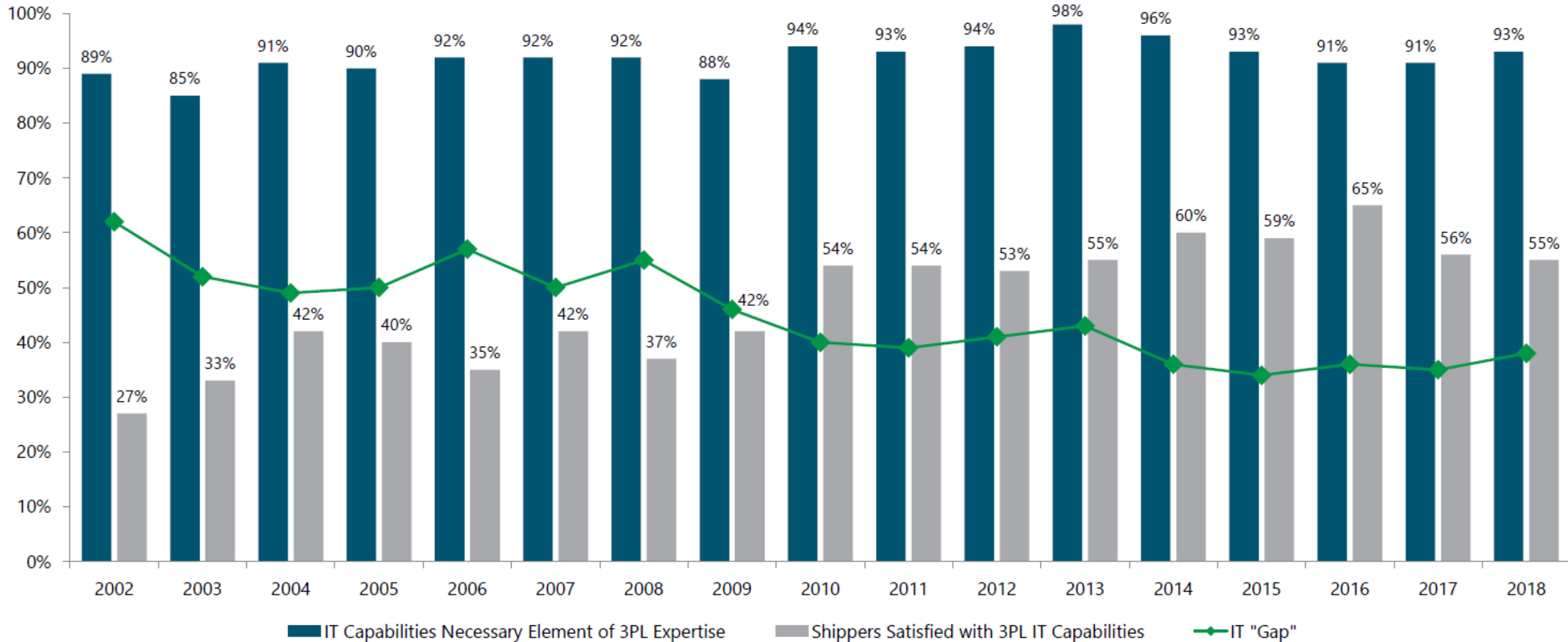


63% Of shippers are increasing their use of outsourcing this year

28% of shippers are returning to insourcing many logistics activities

28%

The "IT Gap" is showing potential stability

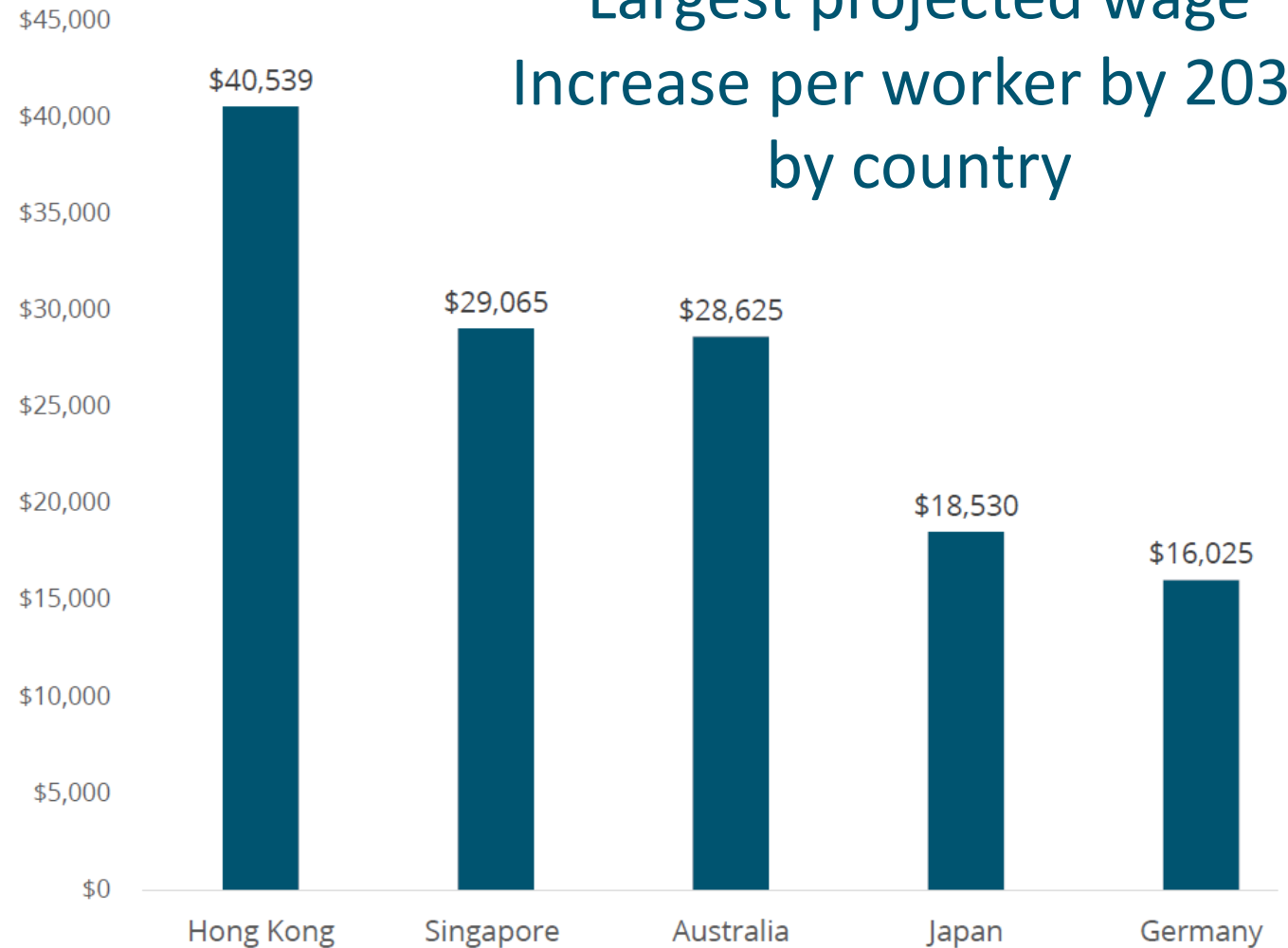


Workforce issues are critical both for managing cost and improving service and productivity

Top 5 Workforce Issues

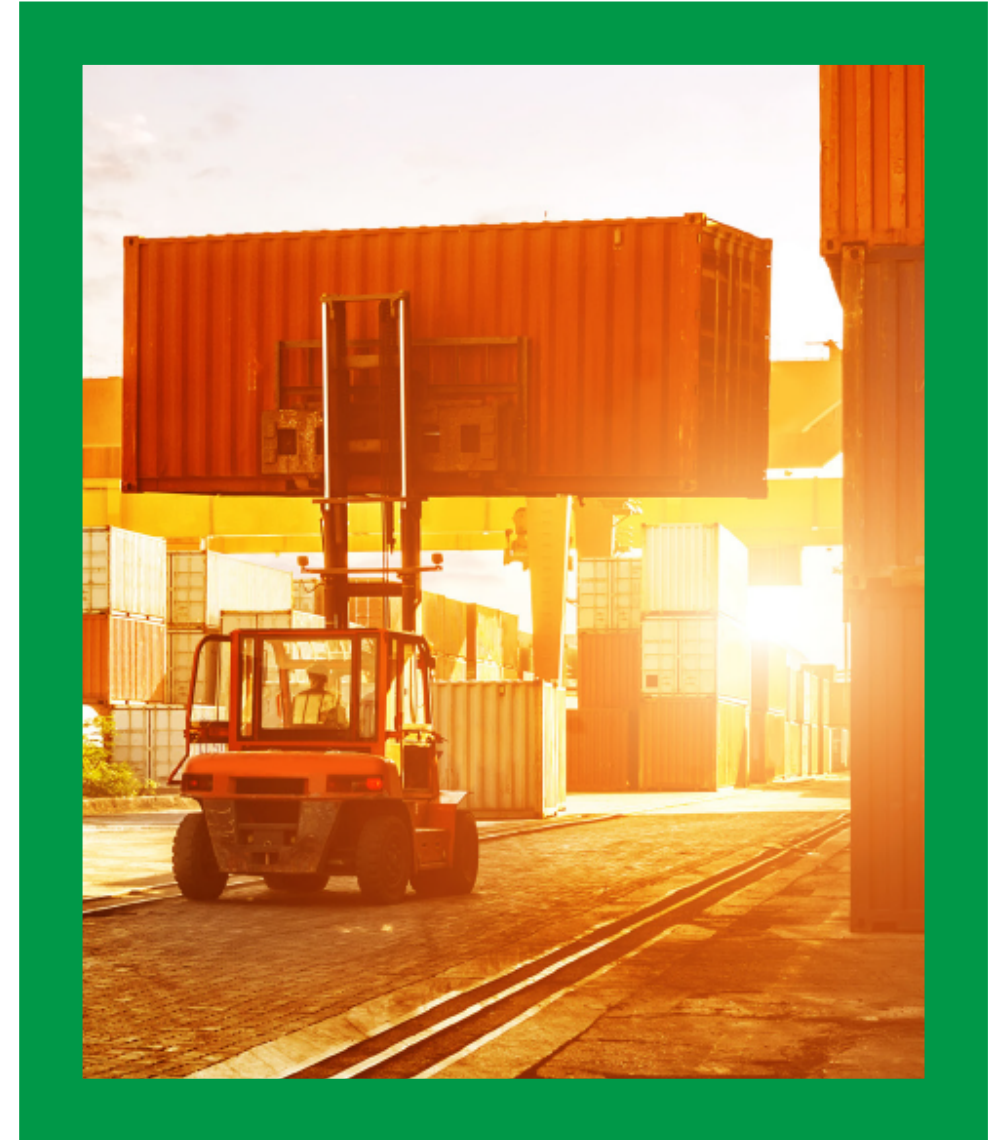
Attracting talent	59%
Developing leaders	48%
Retaining high performers	40%
Enhancing employee motivation and engagement	38%
Enhancing workforce performance	37%

Largest projected wage Increase per worker by 2030 by country



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Both 3PLs and Shippers are missing key talent at all levels



Shippers and 3PLs are aligned on “Top reasons why businesses re-examine their supply chains”

Shippers

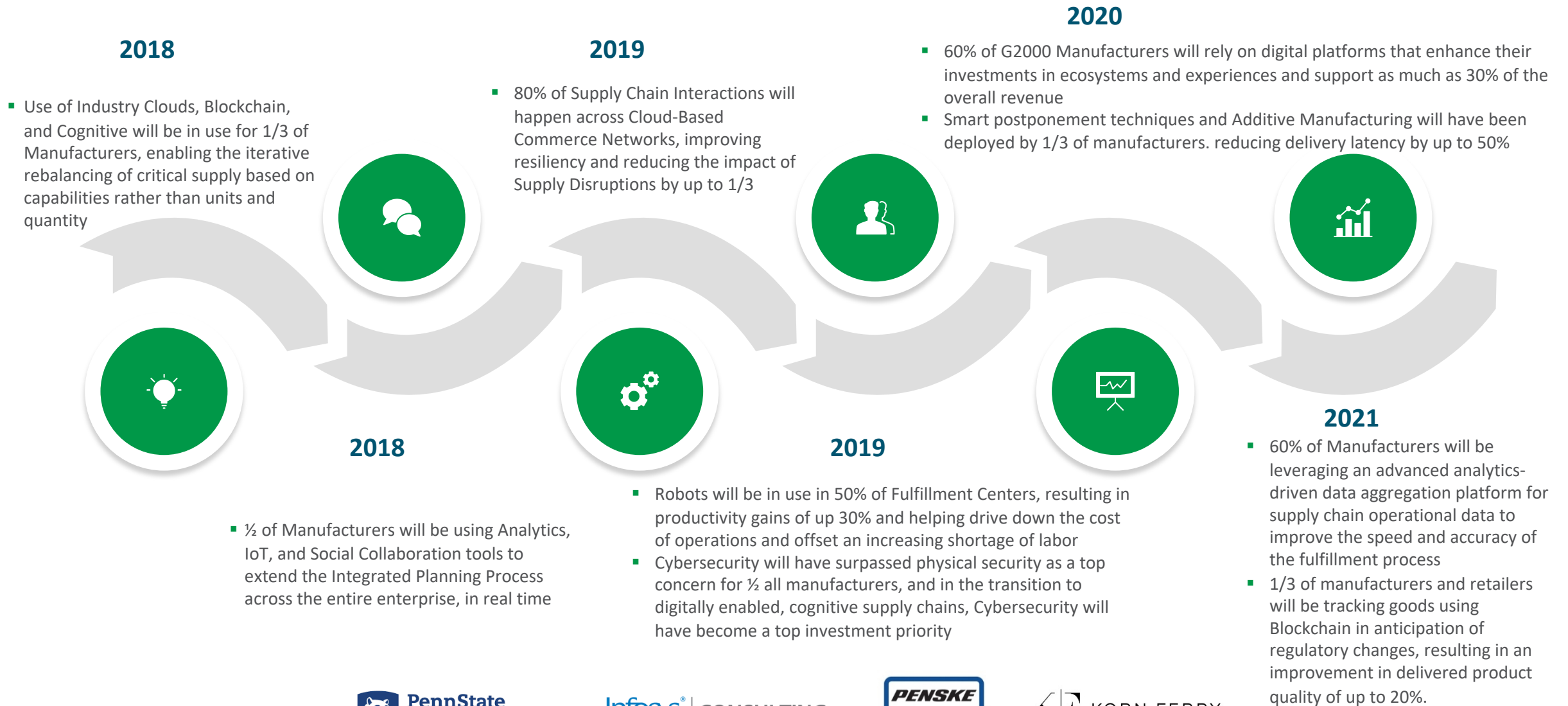
3PLs

SHIPPERS			3PLS	
RANK	CATEGORY		RANK	CATEGORY
1	Lower overall operating cost	●————●	1	Lower overall operating cost
2	Competitive advantage	●————●	2	Competitive advantage
3	Closer to point of product consumption	●————●	3	Closer to point of consumption
4	Reduced freight transport time	●————●	4	Lower wage cost
5	Lower wage cost	●————●	5	Reduced freight transport time
6	Risk management	●————●	6	Closer to supply sources
7	Closer to supply sources	●————●	7	Risk management
8	Tariff/tax incentive	●————●	8	Tariff/tax incentive
9	Exchange rate	●————●	9	Exchange rate

Although most shippers understand the need for agility, fewer than half have increased their inherent agility

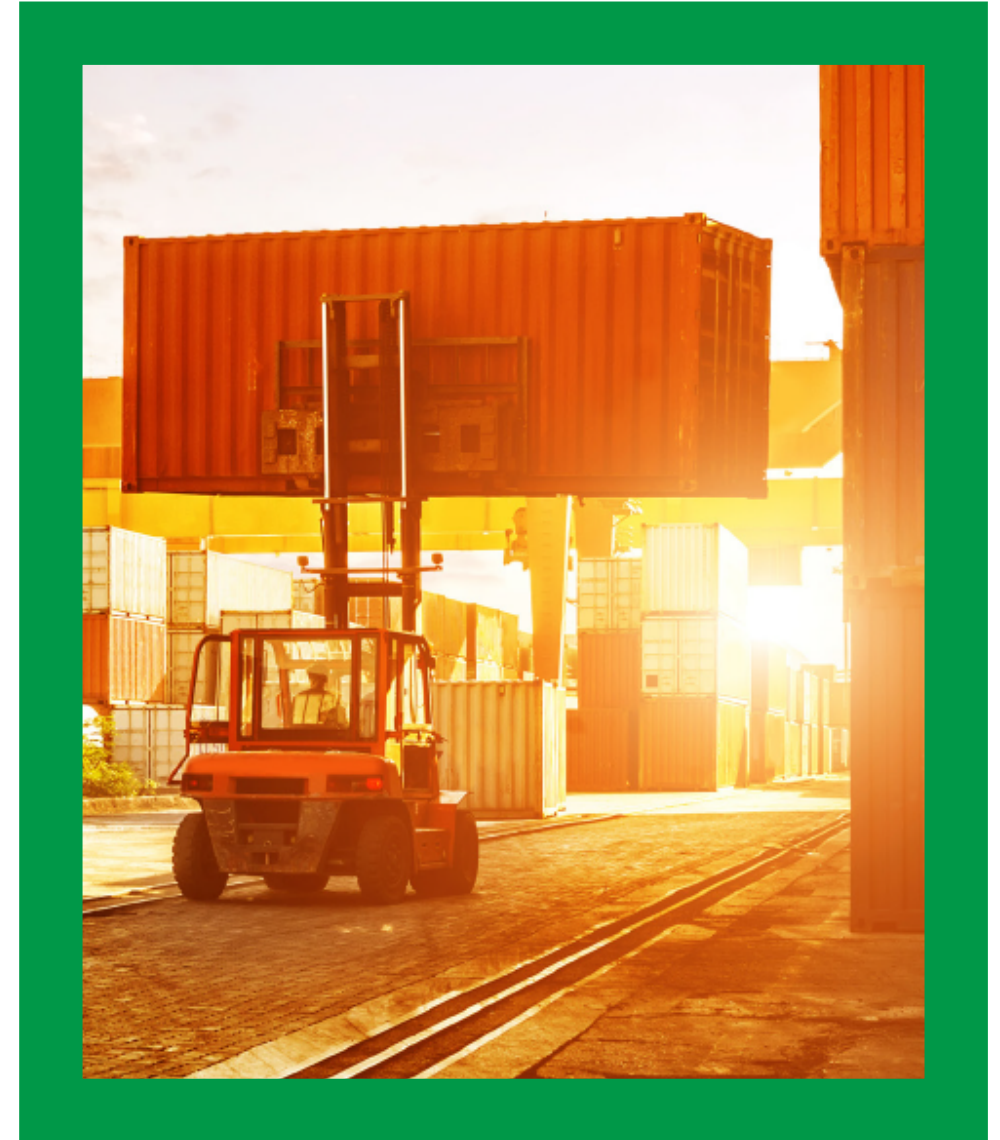


Investment priorities for manufacturing and Supply Chain industry



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In the B2B space we have seen the following Last Yard innovations...

Technology

Example or Use Case



In-Store Logistics Services - Apparel

Inspection, specialized kitting services, price ticket changing, labeling, apparel security tagging, garment on hangers (GOH), Acceptance Quality Limit (AQL)

Apparel Logistics Group – APL Logistics

In order to meet the ever-changing apparel requirements, Apparel Logistics Group offers **apparel value added services** that are specific to fashion and the apparel market.



Sequencing & Kanban Delivery

3PLs offer sequencing to their customers (in manufacturing space) who need a more detailed product delivery schedule

DHL

Covers movements within the manufacturing plant of raw materials, components and sub-assemblies - either to or from stocking points or line-sides, for turning into finished goods



Customization and Postponement

Undertake customization activities during transit or at the last stage of the supply chain

DHL

Customizes products at its distribution center to enable choice of embroidered logos on apparel or personalized prints on the merchandise

In the B2C space we have seen the following Last Yard innovations...

Technology

Example or Use Case



Pre-Delivery Inspection and Repair

Aimed at providing the finishing touch to the brands for the consumers

Schneider

If a product is shipped with missing or damaged parts, Schneider's Medic service (for Furniture and appliances) makes repairs before delivery



Home Try-on Services

Order and try on clothes WITHOUT payment, paying only after a 7 day window to return undesired products passes

Amazon and Stitch Fix

Receive orders of clothes (up to 15 items for Amazon) without payment, limited period of time to determine what to keep and place undesired items in a pre labeled box



In-Home Delivery and Placement

Placing perishable goods or other goods in the required spot and not just on the doorstep or in the house

Walmart

This service will also include online grocery orders, which won't just be placed inside the house like the packages, but may be put away in the fridge and freezer, as needed



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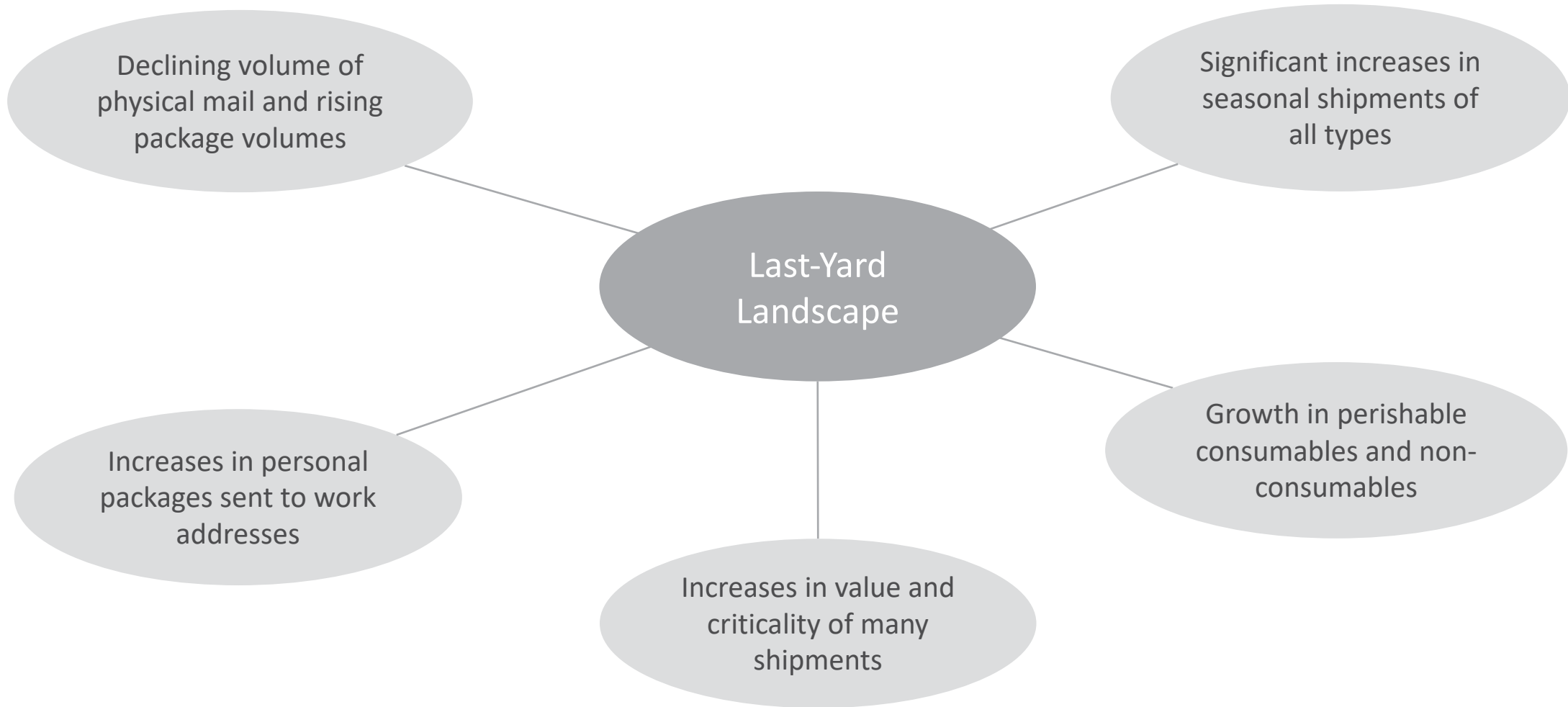


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Shippers and 3PLs disagree regarding how well shippers manage last yard logistics

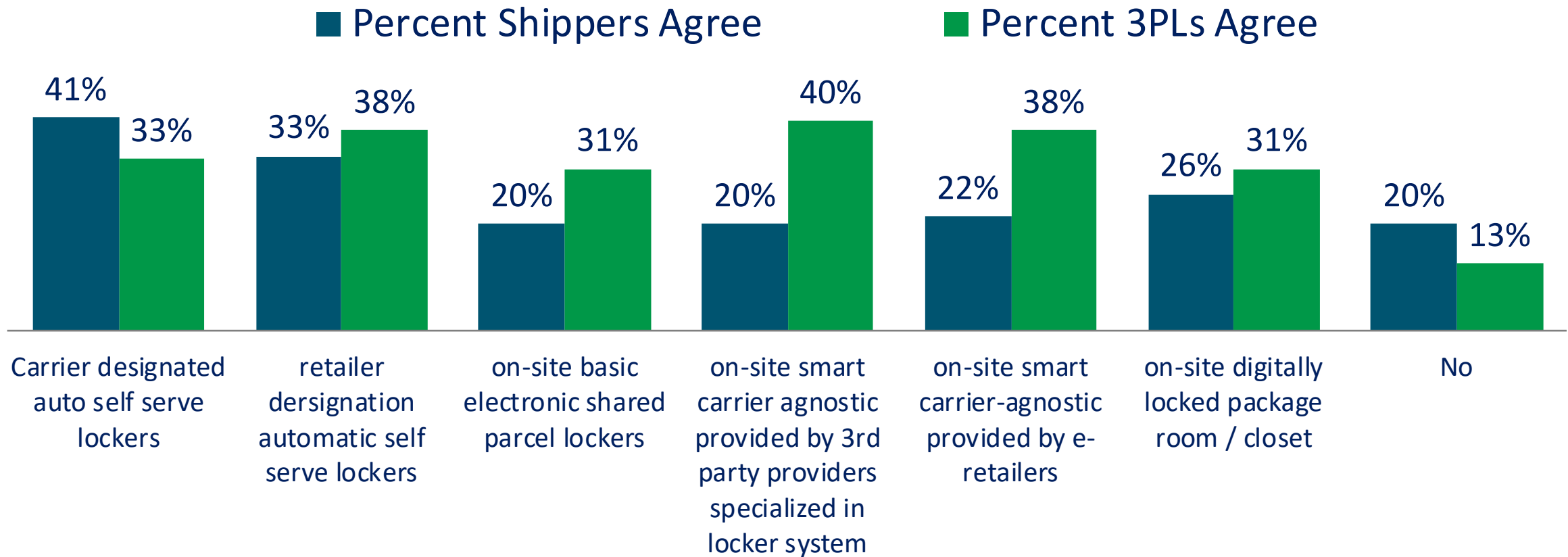


Key trends driving changes in the last-yard logistics landscape



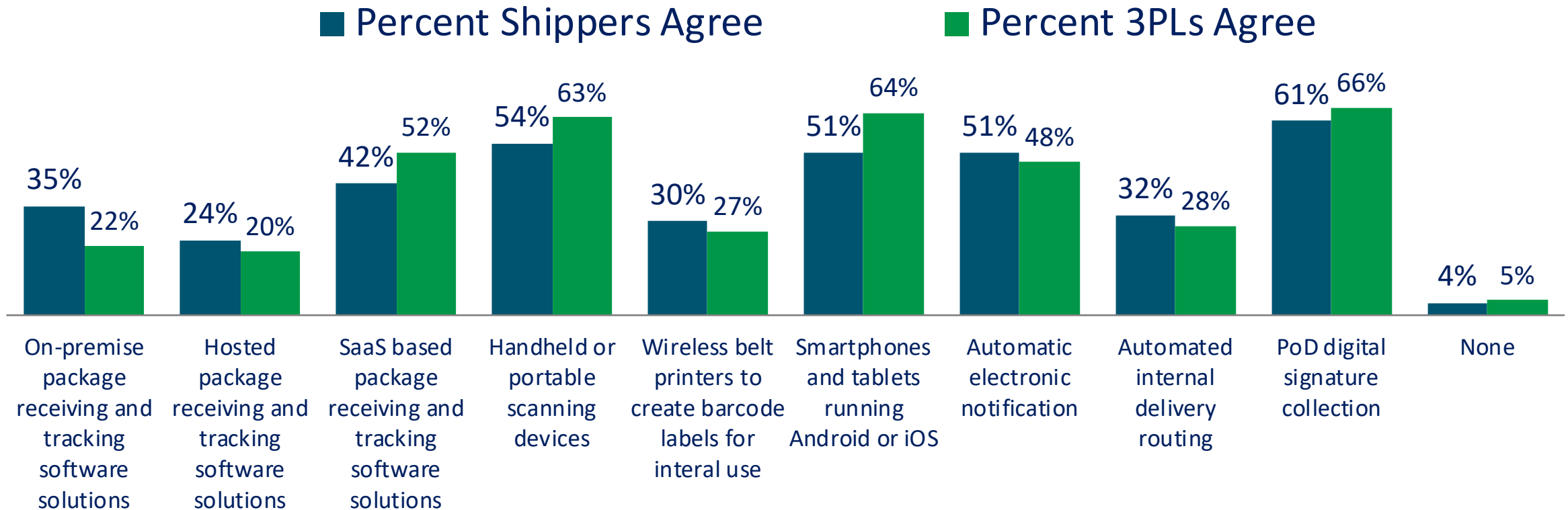
3PLs are leading the way as it pertains to the “self serve” model

“Self-serve” models are increasingly viewed as effective solutions for last yard logistics. Please indicate whether your organization is likely to provide or engage in partnerships to provide the listed varieties of this model



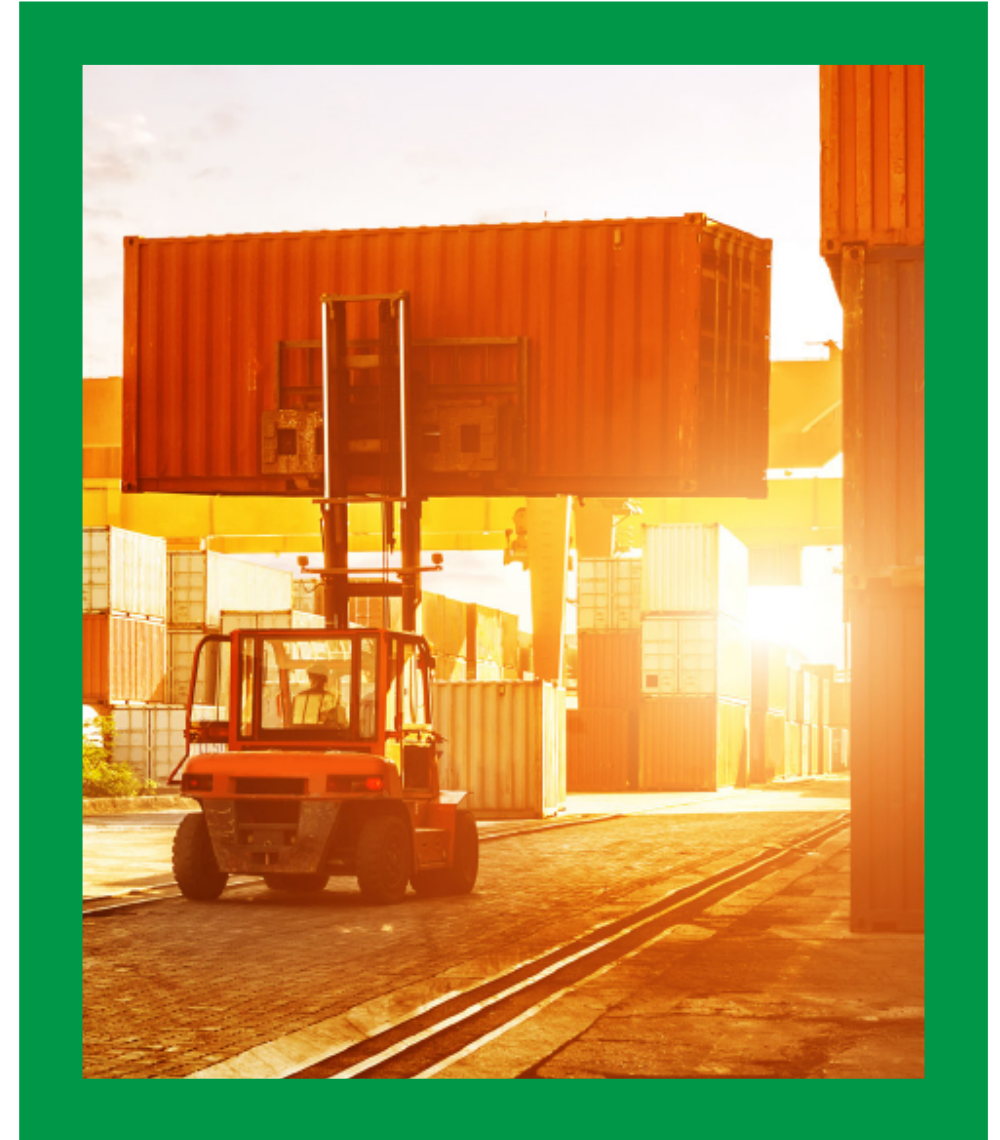
Interest is high amongst several receiving and tracking systems

Of the automation systems, tools, and functionalities listed below, please indicate which represent likely opportunities for your organization to become involved

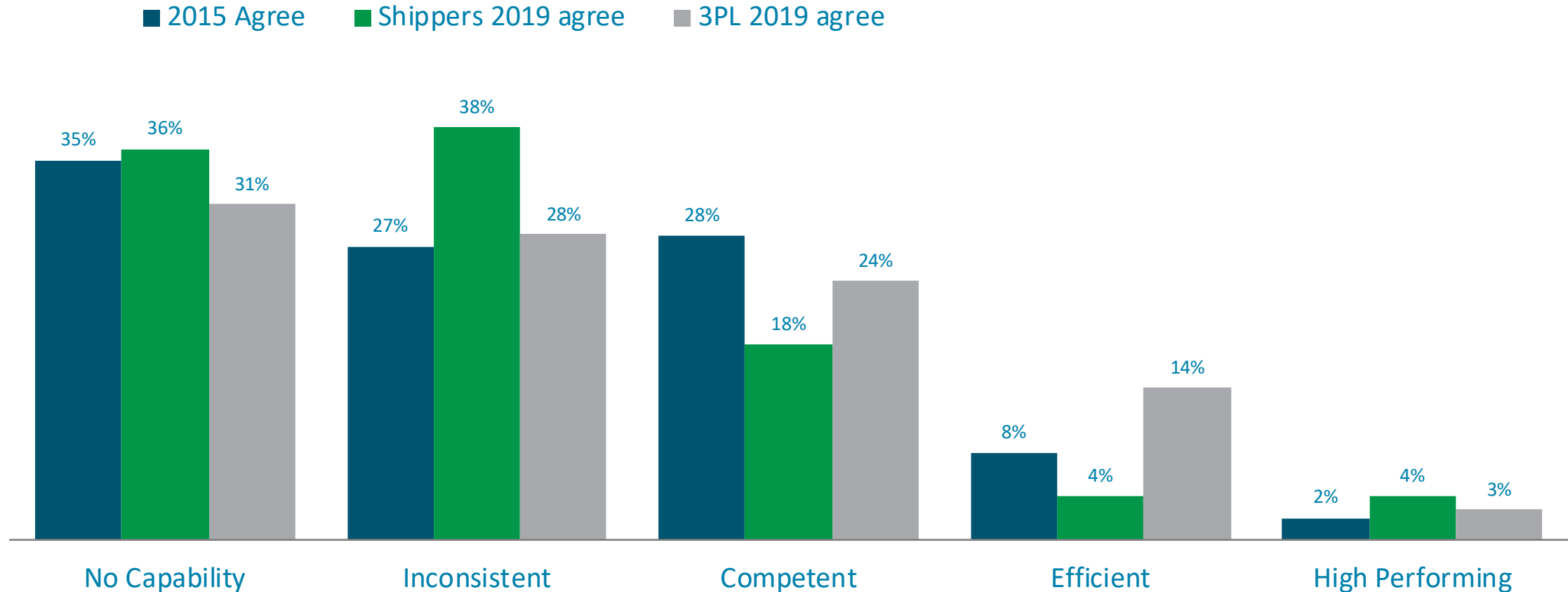


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How prepared do you think your organization is to handle Omni-channel retailing? 2015 vs 2019



Omni-Channel Trends

Trend

Example or Use Case



The Rebirth of Brick & Mortar

Online (“pureplay”) merchants are growing their physical footprint as consumers continue to place a premium on both the versatility and depth of online shopping and the convenience of buying, picking up and returning items locally.

Frank and Oak

Online menswear brand **Frank And Oak** has opened 16 physical stores in North America. The in-store experience includes premium coffee and barbershop services



The Consumerization of B2B

Changing B2B Buyers’ expectations are pushing the need for B2C-like functionalities.

Amazon

In October 2017, Amazon launched Business Prime shipping, a paid annual membership program for businesses in the US and Germany



Reaching Peak Browser

In an IoT world, dependence on browsers will wane. Mixed in with mobile apps, AR, and voice interactions, the browser will become one channel among many and no longer the *de facto* means by which we purchase products or services digitally.

Kwik one tap smart button and delivery service

Similar to Amazon dash but with an open ecosystem that allows users to choose: brand, retailer, payments processor, and delivery type



Measuring Digital Success

The tools to measure a retailer’s ROPO ratio – the in-store impact of digital campaigns and investments – are now more advanced and about to become more accessible to retailers.

New Metrics and Analysis Methods

By combining mobile devices and payment, social media, geolocation / mobile tracking, real-time inventory with advanced analytics tools, ERP, CRM and POS systems, retailers will know which dollars led to in-store purchases thereby determining ROPO Ratios (Research Online, Purchase Offline)



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Value Added Services

Increasing the Scope of Home Delivery



- Home delivery is the most typical method of delivery for online purchases, and the omni-channel aims to solve the only problem for e-tailers i.e. having no direct contact with the customer
- Delivery courier could provide additional value-added services to improve the customer experience – for example:
 - Installing the delivered product on behalf of the e-tailer
 - Aiding in identifying upselling opportunities
 - Facilitating product returns by immediately (or at an agreed date and time) taking back unfit-for-purpose products

Customization and Postponement



- Customers want both speedy delivery more product customization and personalization
- The solution is to undertake customization activities during transit or at the last stage of the supply chain
- Customization and postponement services done at the DC have been increasing in skill level. Examples include technical inspection, rework services, consolidation, final assembly, and product customization
- Customization is also undertaken during transit – Manufacturing companies are creating modular designs to build much greater flexibility into their demand forecasts and enable manufacturing to be located as close as possible to the customer

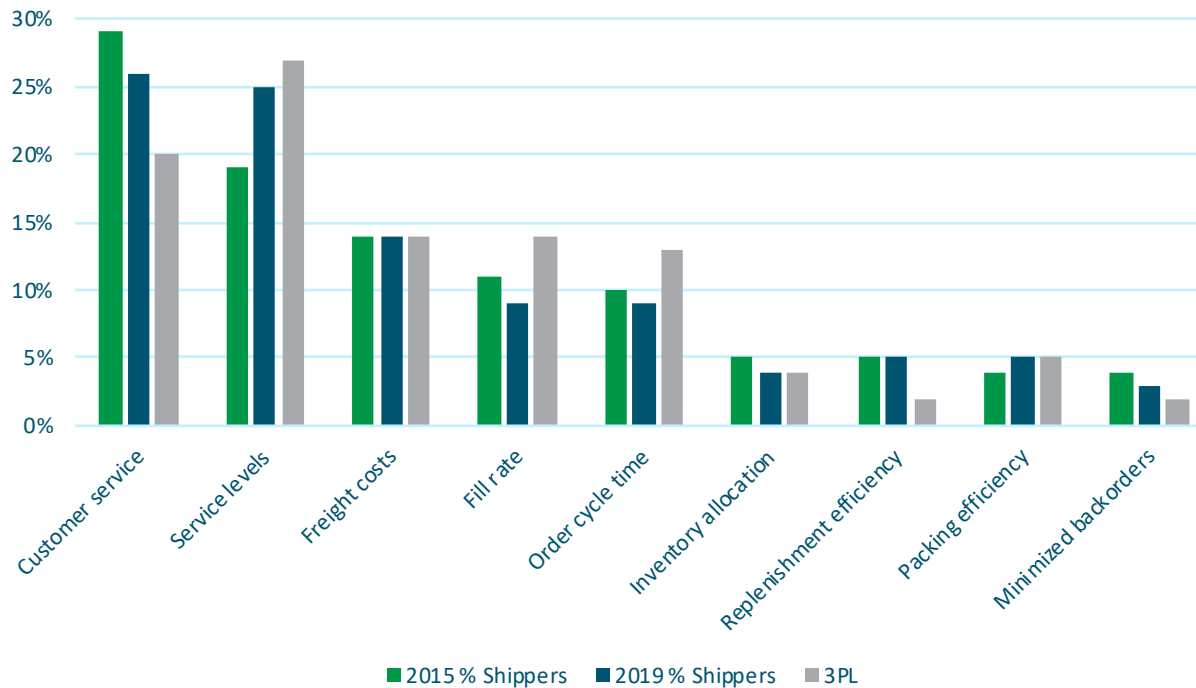
Enabling Seamless Returns Logistics



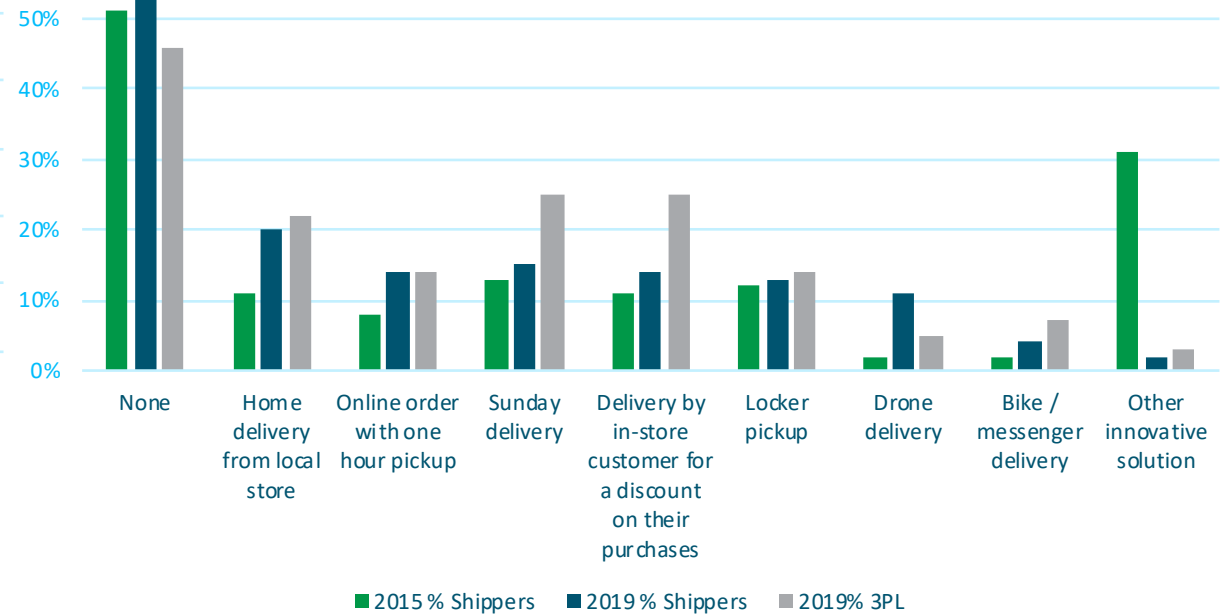
- A high percentage of purchases are returned in omni-channel and e-commerce models, therefore, it becomes important for e-tailers to offer a hassle-free, convenient and seamless returns process to attract online customers
- Anytime, anywhere returns are facilitated by allowing customers to bring back the product to any store, have it collected from home, or use any of the various drop-off methods (including parcel lockers, parcel boxes and car trunks)
- Logistics providers today provide on-site or in-warehouse evaluation of returns and advise the retailer or manufacturer on the best course of action

2015 vs 2019 fulfillment priorities and strategies

What is your priority in Omni-channel fulfillment? 2015 vs 2019

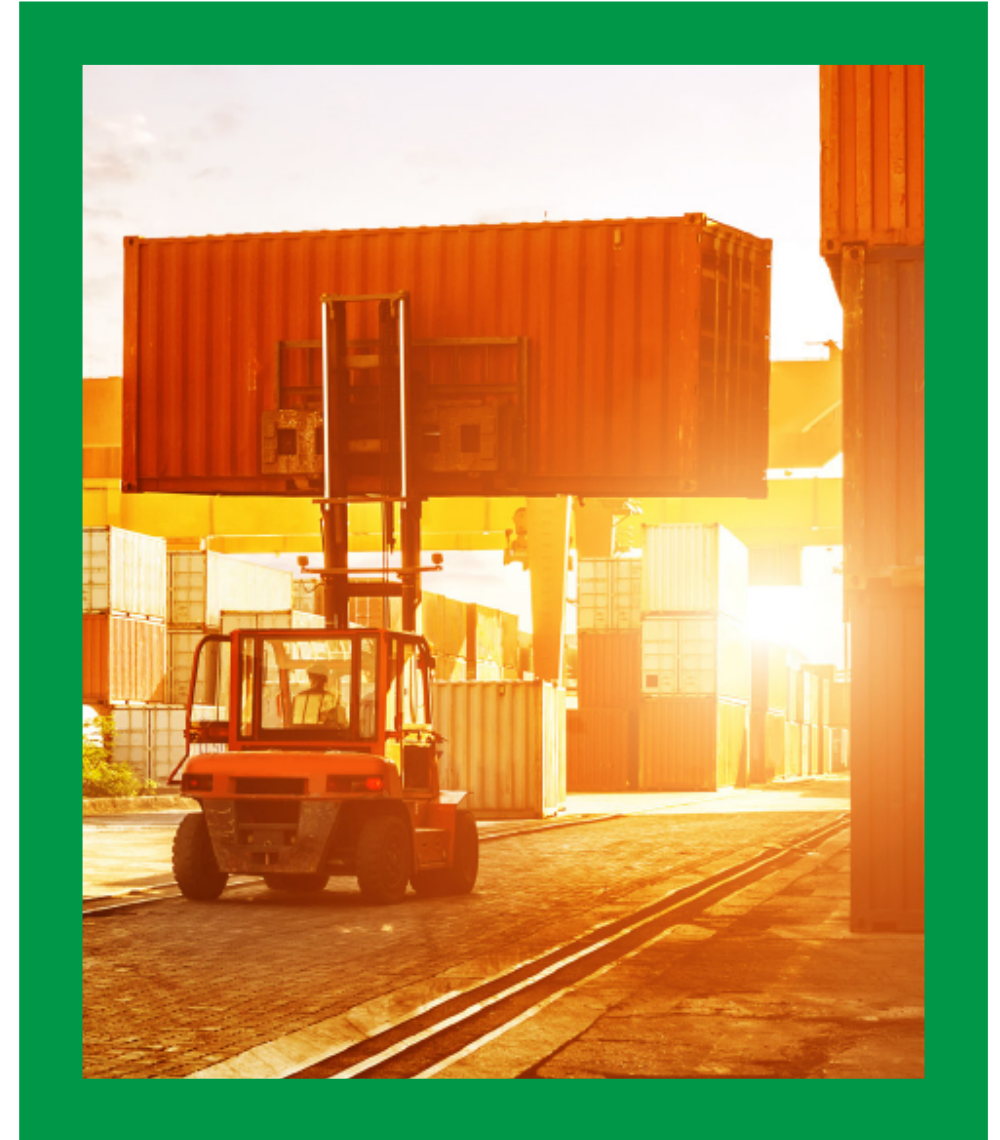


Which of the following fulfillment strategies are you utilizing / piloting / considering? 2015 vs 2019

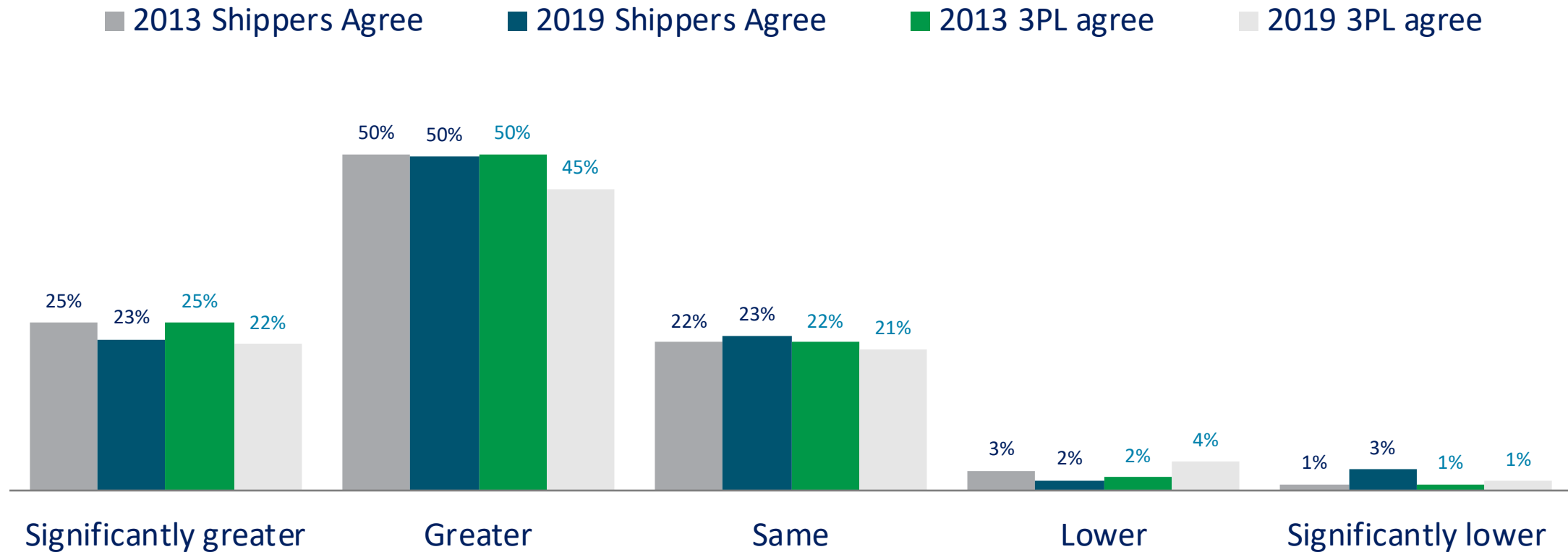


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Indicate the level of importance your organization puts on SC disruption mitigation / response compared to five years ago. 2013 vs 2019



Indicate the top five tools / strategies that your organization currently utilizes to mitigate and manage supply chain disruptions

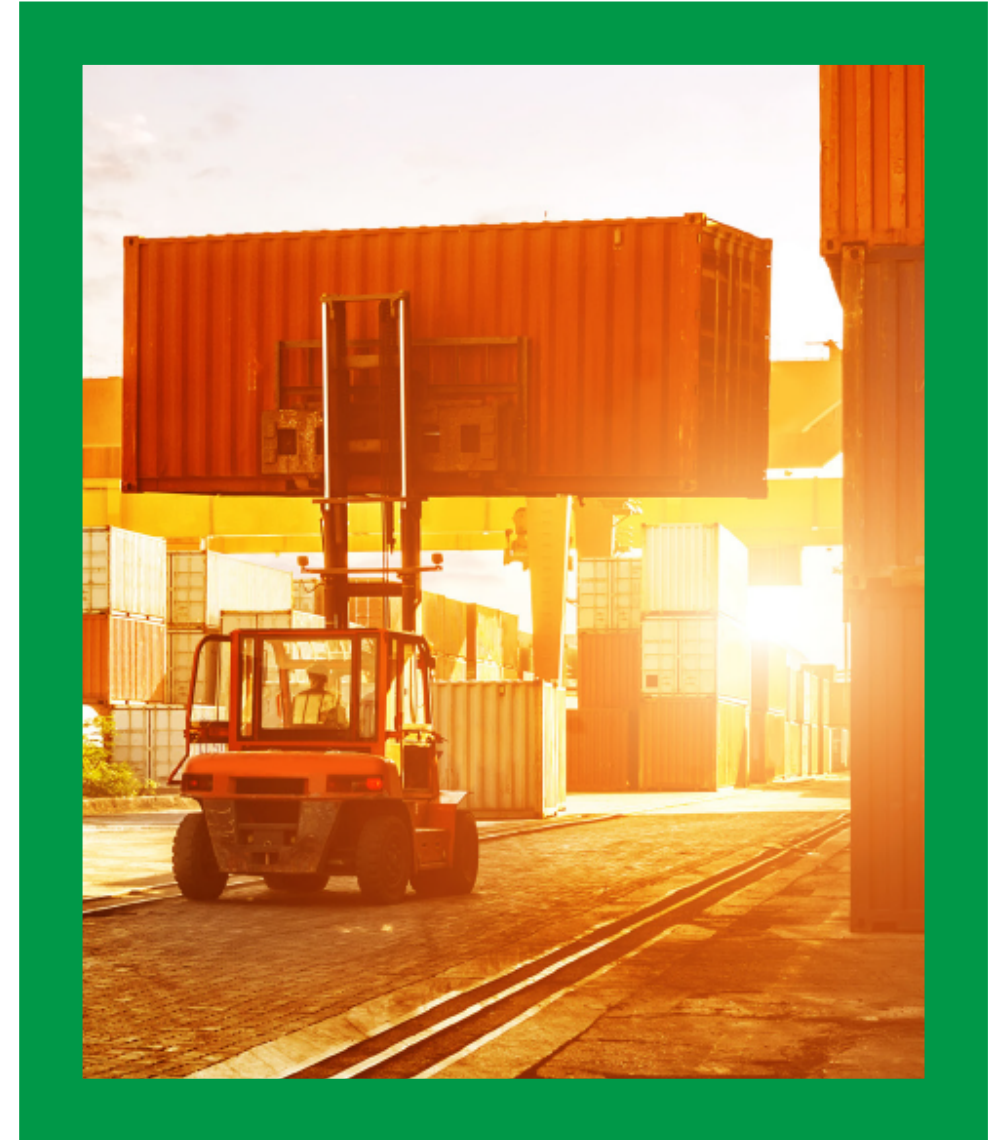
2013 % SHIPPERS	2019 % SHIPPERS	CATEGORY
57%	61%	Supply chain visibility tools
69%	72%	Partnerships (e.g., strategic partners, 3PL, competitors)
62%	58%	Business continuity planning (e.g., redundant production, diversified supplier base)
49%	44%	Employee training / talent management/ internal and external certifications
31%	30%	Decision support tools (e.g., scenario planning)
33%	32%	Supply chain mapping
41%	41%	Advanced enterprise risk management organization (internal aurot, logistics)
28%	23%	Financial products including Insurance
44%	42%	Supplier score carding (stress testing, supplier codes of conduct)
13%	13%	Disruption news feeds
NA	17%	Predictive analytics

Handling SC Disruption: Financial and Operational Hedging Strategies in Supply Chains



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Consequences of data sharing issues between 3PLs and Shippers

CONSEQUENCES	% Shippers	% 3PLs
A decline in shipper customer satisfaction	61%	54%
Shipper did not renew a 3PL's contract at conclusion of service	30%	16%
Late payment to the 3PL for services rendered	25%	38%
Negative word-of-mouth (other 3PLs learned about our experience)	23%	N/A
Contributed to a violation of a contractual service-level agreement requiring remediation	22%	22%
Negative word-of-mouth (other shippers learned about experiences)	17%	24%
Shipper terminated service before conclusion of contract	13%	12%

Keys for Successful Shipper-3PL Data Handoff

4 crucial elements for effective RFP:

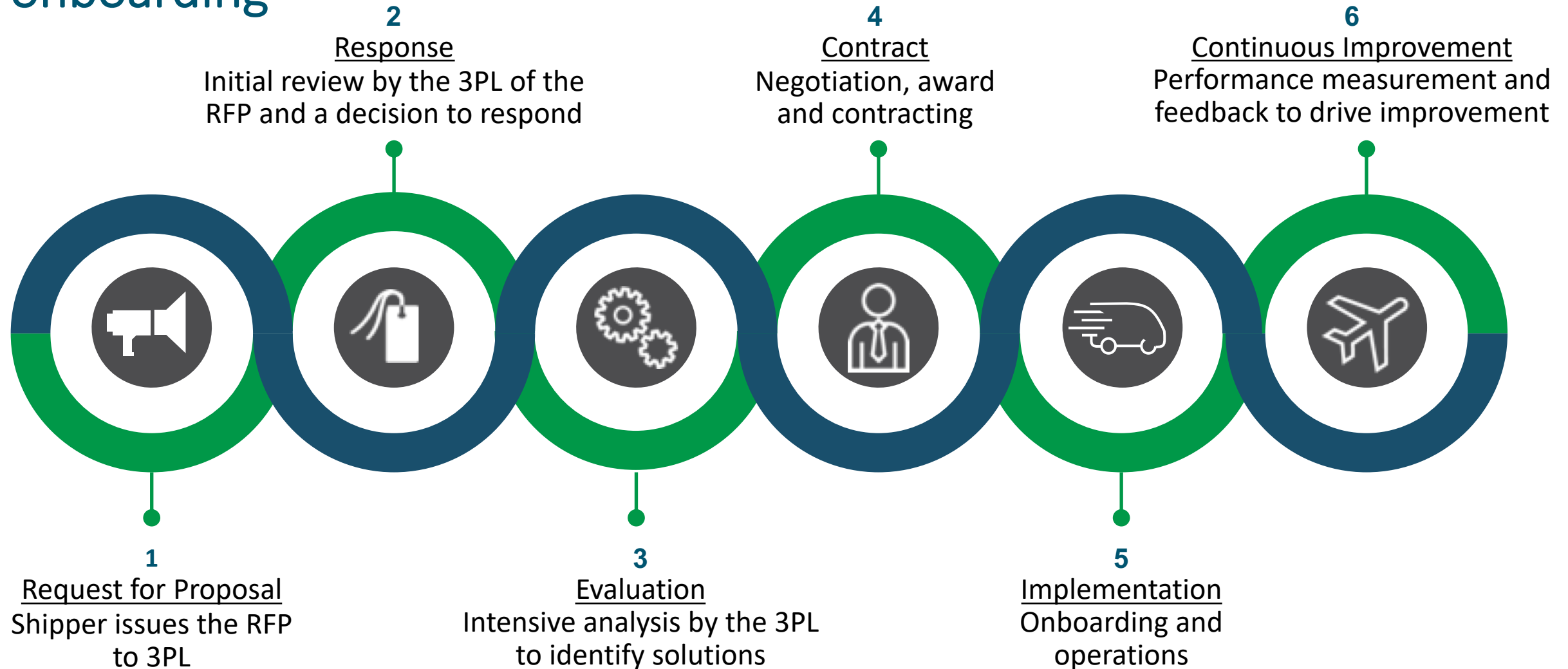
- Problem to Solve
- Complete Data
- True Assumptions
- Operational Insight

A meaningful RFP process is central to the development of the relationship

Both Shipper-3PL data handoffs **and** Internal 3PL functions are critical

Spreadsheets usage needs to evolve into more capable technologies

Example business process for carrier RFP 3PL response, award, and onboarding



Thank You