The U.S. 3PL industry experienced a 21.6% gross revenue increase from 2016–2018.¹

Availability of warehouse space hit a historic low of 7.3% in the first quarter of 2018.²

Developers expect to build about 225M square feet of new warehouse space in 2019, more than double the 10-year average of 120 million square feet.³

Almost half (46 percent) of U.S. employers can't find the skilled workers they need.⁴

74 percent of shoppers will repeat business with a retailer that provided an enjoyable shopping experience.⁵

How can 3PLs address the growing skilled labor shortages?

What software and related technologies are emerging to help build e-commerce foundations?

How can 3PLs improve order fulfillment accuracy and productivity?

New automation equipment systems and software

Facility upgrades and new capital expansion

Order fulfillment enablement technologies

Labor management software (LMS)

Maximize performance and staff for every scenario.

Robotics

Automate a wide variety of repetitive and complex tasks.

Connected distribution center technologies

Increase reliability with IIoT and connected DC technologies.

Warehouse execution systems (WES)

Connect islands of automation and integrate disparate workflows.

High-speed conveyance and sortation

Achieve the throughput rates required by today's most demanding omnichannel retailers.

Voice-directed picking

Begin the transition to automation with voice-picking solutions.

Pick- and put-to-lights

Adapt to each and open-case requirements with light-directed efficiencies.

Put wall order consolidation

Consolidate orders from various upstream picking processes for fast, accurate order fulfillment.

Mobile pick walls

Add picking flexibility and go-anywhere mobility for addressing low-velocity items.

1. Statista 2018
3. https://www.libraryillinois.org/10913-the-big-squeeze

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