

# Digital Transformation for Warehouse Operations

## State of the Warehousing Industry

In the last few years, the supply chain crunch and outdated maintenance techniques have left warehouses and distribution centers desperate for optimization.

To keep up with industry trends, leaders must reinvent how they operate and employ software that targets their most common pain points.

## Warehouse Pain Points

Post-COVID, supply chains struggle to keep up with the unexpected demand for e-commerce retailers. Distribution centers are running faster and longer shifts, leaving scheduled system maintenance incomplete or forgotten, resulting in higher asset failure, scarcity of replacement parts, and longer critical downtime that can cost thousands of dollars in loss and repairs. Hardware vendors supplying these distribution centers have longer lead times, forcing them to maximize legacy assets.

Poor visibility into operations interferes with monitoring read rates and root cause analysis, resulting in repetitive jams, reduced productivity, and profitability.

Operations managers are exhausted by their reliance on outdated, fallible legacy processes such as manual data collection and entry into spreadsheets and systems.

Optimizing the cost of shipping and maintenance under such high throughput is only possible through digital advances and automation.

## Trends Impacting Warehouse Operations

In addition to the effect of the pandemic on the global supply chain, rapid industry growth is driving other trends, including more significant environmental impact and energy consumption.

The fulfillment landscape will continue to drive urban localization of grocery and micro-warehouses to meet the increasing demand for same-day shipping of perishables and household items.

Standardizing and maintaining an accurate system of record for operational data is necessary. Warehouse and distribution center managers typically use Excel spreadsheets or send emails to inform leadership about metrics around shipments, deadlines, and throughput goals.

And, as the current labor force retires, distribution centers struggle to find, hire, and retain new labor talent, obliging workers to be more technologically adept. Labor scarcity forces employees to change their mindset and use assistive devices to meet the demand. Millennials are replacing experienced operations and maintenance manager roles due to their facility for using software to help run operations efficiently.

*“Our warehouse customers are going to be more open to embracing automation, robotics, warehouse management systems, variable technologies, blockchain, IoT...the new technologies.” – Akasha Jain, GM Honeywell Connected Warehouse*

## Technology Solutions that Deliver

Building on a hundred-year heritage of domain expertise across various verticals, Honeywell knows how to build reliable, industrial-grade software that streamlines and centralizes our customers' assets, people, and processes.

Honeywell Forge Performance Plus for Warehouse is a SaaS product (Software as a Service) that enables near real-time collaboration and consolidates metrics across operations and maintenance teams.

Actionable alerts and recommendations empower warehouse leaders with intelligent, data-driven insights from one system of record to optimize throughput and better understand how past decisions affect the future.

Honeywell Forge Performance Plus for Warehouse combines IT and OT data from disparate systems to attain the control tower vision needed to help achieve enterprise goals, including worker safety and productivity, increased asset reliability, enhanced sustainability compliance and profitability.

*“We know warehouse, we know warehouse automation, we know warehouse operations. And that is what we have done with our latest SaaS-based connected warehouse control tower solution.” – Akasha Jain, GM, Honeywell Connected Warehouse*

Discover More About Honeywell Forge Connected Warehouse Now.

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