

PROGLOVE

WIN THE RACE TO PRODUCTIVITY





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Increase speed and accuracy while lowering cost

The future of warehouse productivity is here today

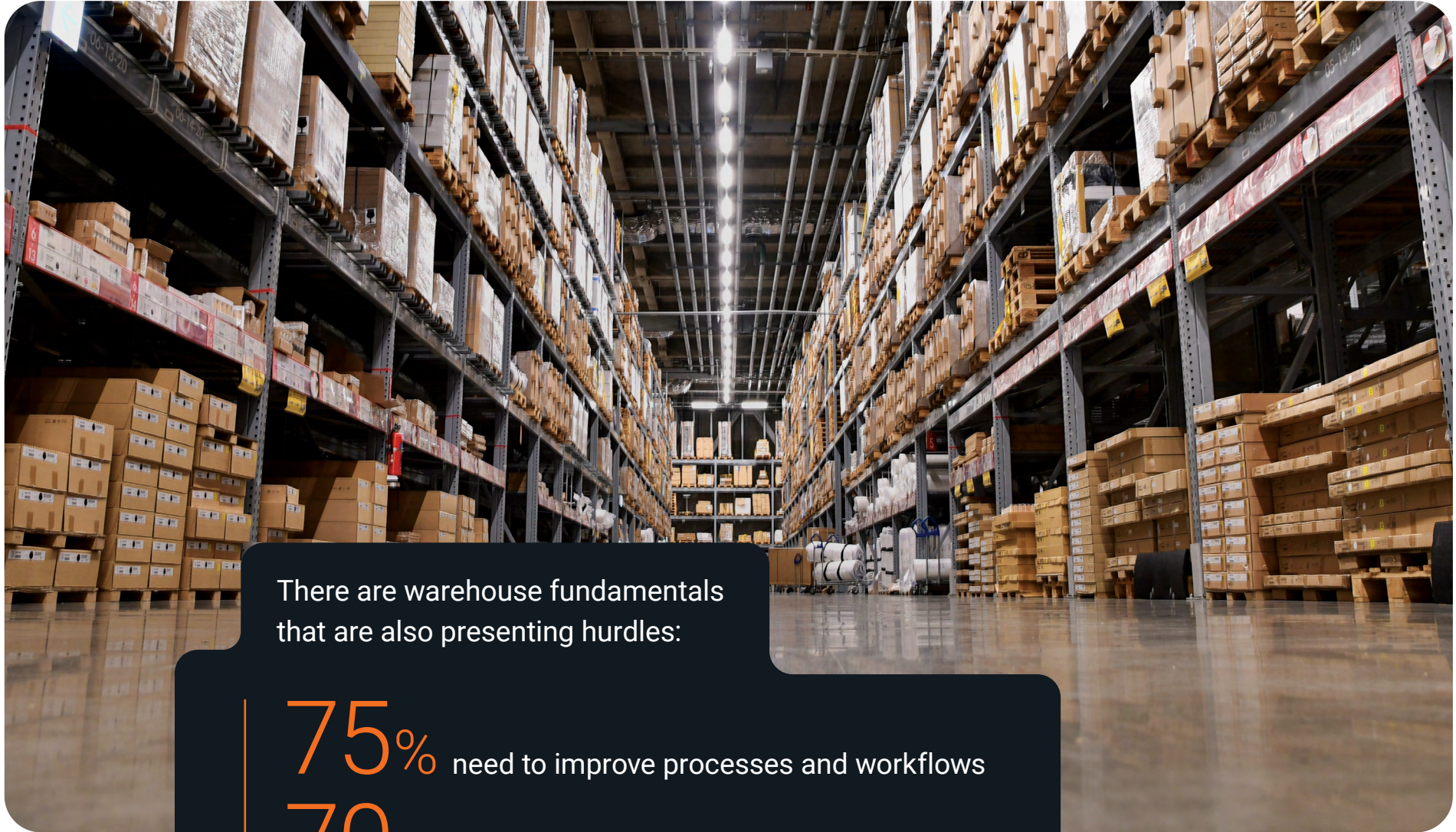
Omnichannel marketing has presented warehouse operations with more orders for more SKUs, with a faster turnaround. Warehouse operations needs to turbo-charge productivity, starting right now, to ensure customer satisfaction.

However, per our recent survey, Productivity in the Warehouse, 70%

of managers are concerned about maintaining current productivity levels. Progress is hampered by a high attrition of skilled, experienced workers, inaccurate data, and worker safety and satisfaction concerns.

The future state that operations and productivity professionals want seems to be “the dark warehouse”

- fully automated and autonomous sites that operate with minimal human intervention, without the need for light. But in the coming years, there will be many processes where human interaction and intelligence will continue to be necessary.



There are warehouse fundamentals that are also presenting hurdles:

75% need to improve processes and workflows

70% say optimizing space and layout is essential

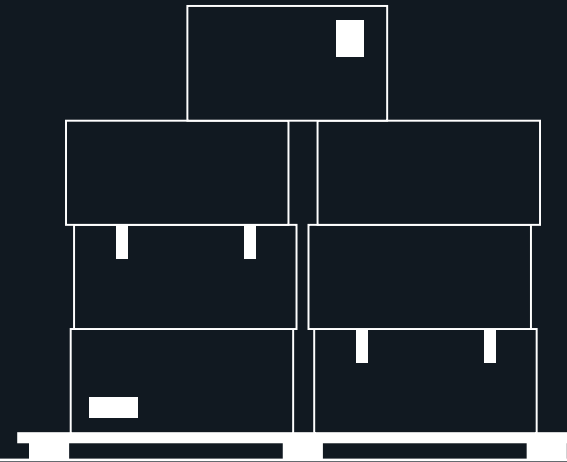
Worker-based innovation is the catalyst for productivity improvements

Forbes provides important perspective in the recent article, [Will The Dark Warehouse Ever Become Reality? Perhaps Not In Our Lifetime:](#)

According to Matthew Johnson-Roberson, director of Carnegie Mellon University's Robotics Institute, "there isn't one single robot that's so intelligent and so versatile that it's like a human worker."

Amazon, the benchmark for e-commerce success, may be as close as a company can get to fulfilling the dream of a dark warehouse, yet it still requires humans to be in the loop, and may always require it.





The reality is that warehouse operations needs new ideas and new answers to the critical question: how can big increases be achieved today while driving down cost?

The correct answer is innovation and integration: new technology that supports and guides the worker by making the work itself more efficient, accurate, and more satisfying.

The productivity challenges that warehouses are facing

We have the opportunity to work with warehouse operations across a wide range of industries, allowing us to see trends and compare environments to glean useful similarities and differences.



Manufacturing

The road to competitiveness and profitability for manufacturers inexorably leads to the shop floor.

There are three warehouse processes where profitability varies with accuracy, efficiency, and productivity:

1. Inventory management
2. Production logistics: the staging, sequencing, and picking of materials.
3. Production: pre- and final assembly.



Retail

There are more products and greater demand than ever before. Supply chains are more expensive and more unpredictable. The warehouse is at the center of everything.

It is essential that they evolve and adapt in three specific areas:

1. Ensuring a seamless customer experience, from order to fast delivery, in full
2. Meeting the demands of multi-channel distribution
3. Increasing the accuracy of inventory management.

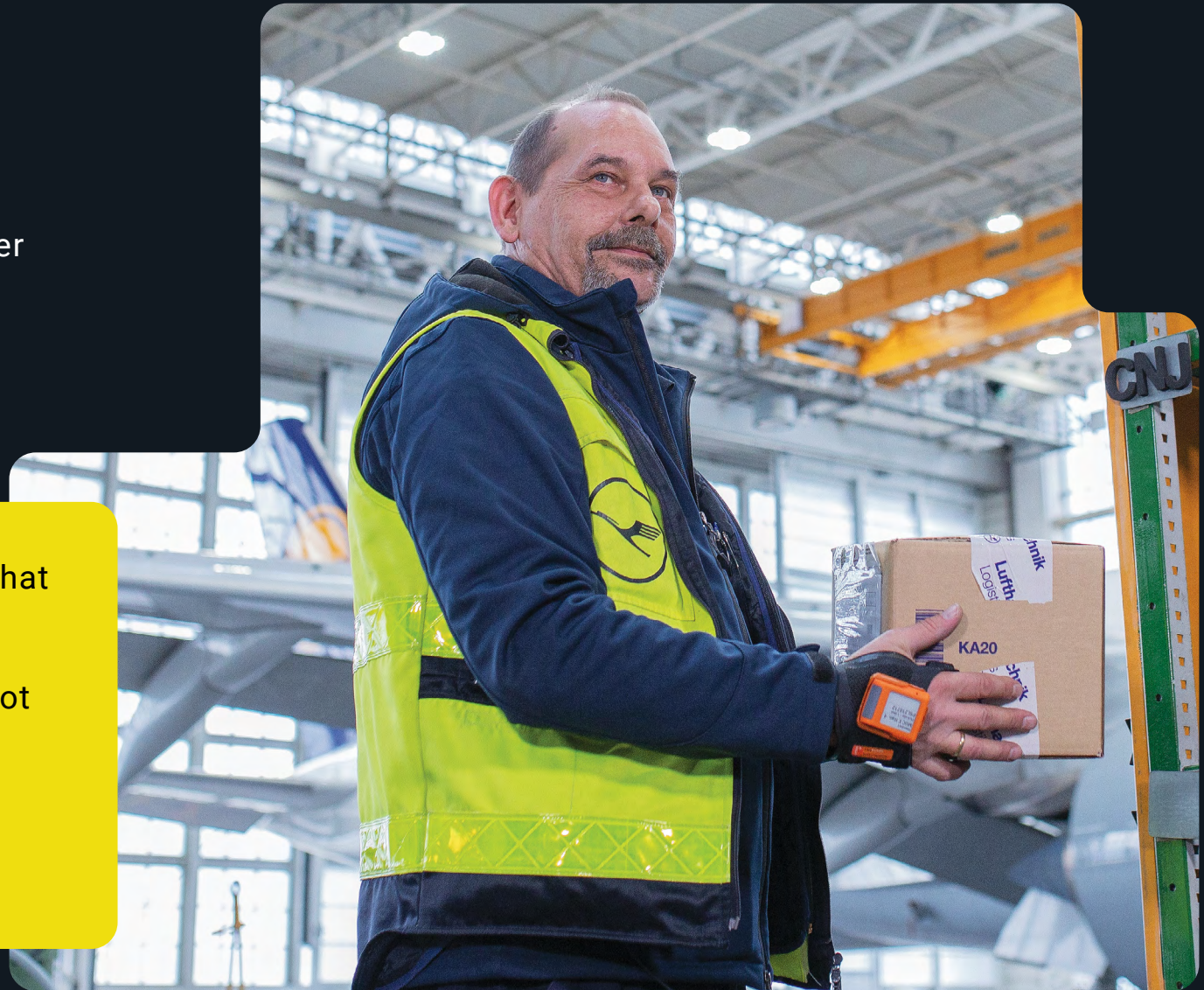


Logistics & Transportation

Bringing goods and services to market is essential to the functioning of our economy. However, escalating costs, customer demand, and ever-changing legislation are creating enormous hurdles.

There are three of challenges that center on the warehouse:

1. Driving efficiency in the depot
2. Improving customer service
3. Lack of qualified labor and specialized experts.



Automotive

The Automotive supply chain is exploding, with increasing demand, complexity, competition, and challenges. The demands placed on automotive warehouses are hugely different because of the range of products, from door panels to screws, and specialized handling requirements for products such as chemicals.

Three challenges that operations must overcome:

1. Picking and kitting are significantly more complex
2. Aftermarket orders may be going to individuals or chains of stores nationwide
3. In all cases, delivery time is crucial - delays in shipping cascade and erode customer satisfaction.



ProGlove: Innovating worker-focused productivity

We believe that the primary variable in reaching new levels of productivity is the worker. Thus, we have concentrated our innovation on enabling the worker to do their job better, faster, and with less effort, while providing operations management with new insights into how to streamline the warehouse environment.

ProGlove provides the tools and technology for improving worker-based productivity and scanner-based productivity.



WORKER-BASED PRODUCTIVITY



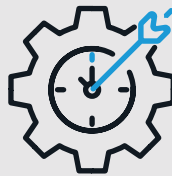
Increased worker health and safety. Our wearable, lightweight, ergonomically-design scanners alleviate the threat of repetitive motion injuries.

Result: less absenteeism, less workman's comp.



Augmented worker guidance and workflows. Two-way communications provide workers with better information to do their jobs in less time, with less stress.

Results: more orders fulfilled in less time.



Enhanced employee satisfaction and retention. Creating a safer, healthier work environment, where less effort is required for greater contribution.

Result: a stable workforce of skilled, experienced workers.



Ensured scanning accuracy and quality. Everything depends on getting it right the first time.

Result: OTIF goals consistently achieved.



Improved mobile device management. Decrease the effort required to get more from every device.

Result: greater uptime for all devices.

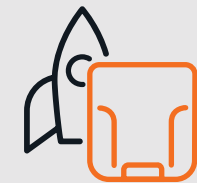


Optimized processes and layout. New shop floor data provides new insight.

Result: greater efficiency and warehouse throughput.



SCANNER-BASED PRODUCTIVITY



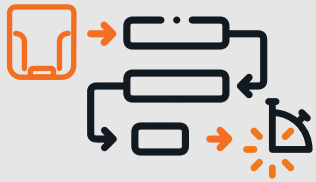
A continuum of warehouse productivity improvements

This is a journey to surpassed expectations, with the status quo in the rearview mirror. A new and robust transformation of the warehouse into a powerhouse of productivity.

Barcode scanning is something every warehouse worker does every day, all day long. It is the basis of many processes that drive warehouse productivity. Many workers carry barcodes that log them in and out of shifts.

Given its centrality to the function of a warehouse, any improvements in the functionality of a barcode scanner would necessarily be carried downstream, and radiated upstream to the productivity of the warehouse as an entity.





Near-term

Older, slower, error-prone scanners are replaced with ProGlove's wearable, ergonomic, lightweight, accurate devices. Scanners, powered by INSIGHT software, track device location and readiness to optimize uptimes.



Mid-term

Two-way communications allow scanners to guide individual workers, streamlining workflows and avoiding logjams.



Longer-term

ProGlove's INSIGHT Analytics software provides new data from the shop floor, tracking all movement and generating new information to optimize both processes and warehouse layout, per customer demands.

Winning the race to productivity

Escalating demand and complexity have put you in a match race to productivity. Everything is on the line. Either you win this race, or go home.

ProGlove brings new ideas, innovation, and new technology to the warehouse to increase productivity, accuracy, and worker satisfaction while decreasing cost. Sound too good to be true?

ProGlove scanners helped GXO fulfill their goal of leveraging ergonomics for workers and reducing friction in workflows. GXO can now display real-time information about storage locations, product identifiers, and inventory levels. GXO has saved 6 seconds per pick, representing an efficiency gain of approximately **10%**.

GXO

Last year, GAP distribution centers managed 400,000 store deliveries and shipped more than **100 million** parcels. With ProGlove they have gained higher worker satisfaction rating and saved time across all picking operations. Saved minutes quickly became saved hours with a significant return on investment.

Gap Inc.



Mercedes-Benz Vans builds hundreds of vehicles per day with some 1,000 scans per car. The warehouse averages 12,000 scans per shift. A minimum of **6 seconds** saved per scan makes for substantial time and cost savings.

Our vision, our commitment to bringing you the data from the shopfloor, from the humans doing the work, will lead to a smarter, more productive, more profitable future.







- Our wearable scanners are ergonomically designed, lightweight, and highly accurate no matter what the physical location or obstacles.
- ProGlove's Insight software enables complete device lifecycle management, as well as the collection and analysis of new shop floor data.

OK, what's in it for me? Here's your answer



Our Warehouse Operations Productivity Calculator will tell you what our tools and technology can achieve in your warehouse. These projections are based on our customer experience and data you provide (below).

Let us do the math for you. Quantify the immediate and longer-term gains in warehouse productivity that ProGlove brings.

-  Time savings
-  Cost savings
-  Gains in accuracy
-  Gains in worker satisfaction
-  Overall improvement in warehouse productivity
-  ROI

Take the ProGlove challenge

Now, prove it to yourself. 30 minutes.
In your warehouse. Our scanners
versus yours.

You are in a race to the finish with
demand, and warehouse operations
needs new reserves of productivity
and accuracy.

The sooner you adopt new
technology, the sooner you pull away
from the pack.



PROGLOVE

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