PROGLOVE

Innovating
human-centered
productivity

ProGlove and Retail innovating human-centered productivity

These three words, innovating human-centered productivity, best describe why we do what we do - to bring transformative value to your warehouse and distribution operations.

It's our passion and our mission.

Let us show you how you can benefit from the speed, accuracy, and ergonomics of our products, and our vision for a smarter, more productive (and predictive) future.

Retail has changed dramatically, and continues to evolve.

Warehouses and distribution centers must keep pace.

One thing that hasn't changed is the mantra, "The customer is always right." It's everything else that is different. There are more products and greater demand. Supply chains are more expensive and more unpredictable.

Another thing that hasn't changed is that the warehouse is at the center of everything. It is essential that they evolve and adapt.

There are three main areas where the warehouse and the distribution center play a pivotal role.

A focus on technology has done a lot to increase control and manage costs. We believe that the next step in the evolution of productivity is to focus on the worker.

The primary variable throughout is the worker. A task that the worker performs that is similarly basic to every warehouse function is scanning. Retailers have the opportunity to enable these workers by providing them with the next generation scanning devices and technology to kick productivity up several meaningful notches.

Ensuring a seamless customer experience

The correct acronym here is (OTIF) on-time and in-full. The company's brand promise rests on OTIF. If the right stuff isn't there at the right time, the customer experience doesn't meet expectations. At worst, customer dissatisfaction.

What goes out the door of the distribution center has to be right, on time, every single time (OTIF). Every second counts. Every scan counts.

Here is what our customers achieve with ProGlove

SAVING FROM

2-6
seconds per scan

EXPERIENCING UP TO

33%
fewer errors

UP TO A

20%
increase in productivity

Meeting the demands of multi-channel distribution

The only way retailers can prosper is to meet customers' demands for omni-channel access and rapid shifts in behavior (e.g., buying online, returning to a store). Which puts added stress on the distribution center to meet the needs of brick and mortar stores as well ecommerce fulfillment.

This requires:

- **A commitment to optimizing the customer experience**

- **Inventory management that is accurate to the moment, which is dependent on the reliability of the underlying data**

- **Speed of scanning, which varies by the ease of scanning**

Increasing the accuracy of inventory management

Inventory management is the definition of a moving target. The corporation depends on its effectiveness, and it depends of the reliability of the data from the scanner. The more accurate the scan, and the more barcodes that can be scanned in a shift, the more accurate the inventory management.

As better information is fed into the system, subsequent processes that rely on this data are improved. This includes, for example, forecasting, which, with the help of more precise data, leads to improvements in purchasing, production, shipping, sales, and ultimately customer satisfaction and ROI.

Rewe Group selected ProGlove's smart, ergonomic devices for its picking process to increase quality and efficiency. ProGlove's unique barcode scanning technology enabled the company to not only capture product information, but also the product location, and synchronize all data with the picking list.satisfaction, key elements driving repeat sales.

Scanner productivity is the primary lever for success

To offset these challenges, manufacturers need their warehouses and distribution centers to become as accurate, productive, and flexible as possible.

Barcode scanning has become the essential activity within all logistics and supply chain processes with every part scanned multiple times throughout its journey from inception to delivery. Absolutely everything depends on productivity - the speed and accuracy of the scanning process.

ProGlove is the partner of choice for logistics warehouses and distribution centers. The speed, accuracy, and ergonomics of our wearables has boosted productivity for customers by 20% or more. Our vision, our commitment to bringing you the data from the shop floor, from the humans doing the work, will lead to a smarter, more productive, more profitable future.

PROGLOVE
Where productivity starts

Retail

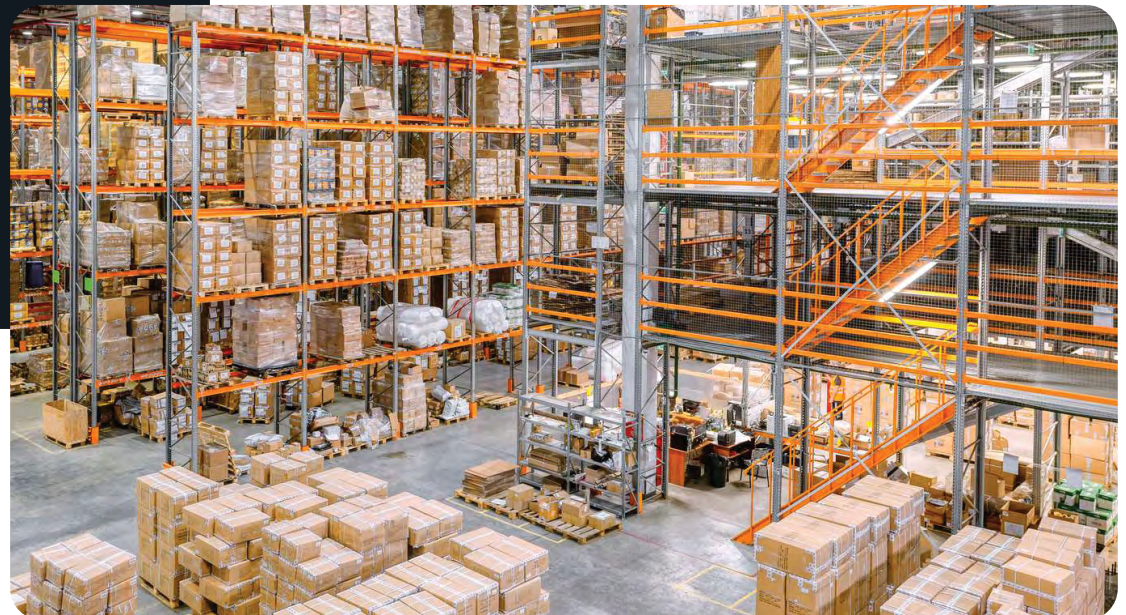**Gap Inc.**   **INTERSPORT®**   **jollyroom** .se

REWE.. GROUP   **Gear4music**   **ROSSMANN** DROGERIE PARFUMERIE

Your eyes and ears on the warehouse floor

Significant increases in productivity are in the hands, and on the hands, of your workers. Innovating human-driven productivity is our mission and our passion.

Here are 6 use cases where ProGlove's ergonomic scanners and future-oriented solutions expand warehouse productivity horizons:

1 Increasing Worker Health and Safety

2 Enhancing Employee Satisfaction and Retention

3 Augmenting Worker Guidance and Workflows

4 Reliable Scanning Accuracy and Quality

5 Improving Mobile Device Management

6 Optimizing Process and Layout

1

USE CASE

Increasing worker health and safety

Goal

Investments in the health and safety of our workers is the bedrock of productivity (and loyalty).

Challenge

Scanners are heavy, not ergonomically designed, and require awkward or repetitive motions to operate. They are also inaccurate, causing numerous instances of rescanning. These lead to fatigue and injuries on the job.

ProGlove Delivers

We build industrial wearable scanners that are the lightest, smallest, toughest and most accurate wireless barcode scanners in the world. Our patented technology provides unparalleled comfort and full dexterity for greater productivity. Our innovation is based in a thorough understanding of the physical effort required by your workforce, every day.

Our scanners are preferred by workers because our ergonomic design integrates with their natural motion, which puts safety first.

- **Our wearable design accommodates hand-size variations as well as left / right preferences**

- **Ergonomic trigger position, field tested to ensure limited fatigue and full dexterity**

- **Stretchable Velcro bands for easy fastening and maximum flexibility**

ProGlove's scanners maintain speed and accuracy while documenting every step, all handsfree, providing a safer and more ergonomic working experience for your employees. Workflows are uninterrupted and workers get more done with our wearable technology.

2

Enhancing employee satisfaction and retention

Goal

Greater warehouse productivity requires a full complement of trained, engaged, and retained workers. Each warehouse wants to be known as a preferred workplace. Worker satisfaction becomes a strong lever retaining existing workers and hiring new workers.

Challenge

There are three components to attracting and maintaining a professional, experienced, stable workforce:

1. **Pay**

2. **Benefits**

3. **Working environment**

The warehouse floor can be transformed into a safe and satisfying advantage in hiring and retaining workers. Organizations that introduce ergonomically designed and accurate tools hold a "word of mouth" advantage in this highly competitive employment environment.

ProGlove Delivers

Scanners that workers understand, appreciate, and trust. These scanners also fuel their productivity and contribution. This is a significant component of an attractive work environment as workers are able to complete their assignments easier, quicker, and with fewer errors or re-scanning.

Employees appreciate the strength, ergonomic design, comfort, and capabilities of ProGlove scanners. These scanners integrate with their natural motion, which means less exertion and fewer injuries. Moreover, our devices can cover both scanning and validating with just one button - without the time and effort of having to pick up another device.

Additionally, ProGlove's Insight software enables management to rebuild the physical environment (whether a station, a location, or company-wide) to localize ProGlove devices and implement more logical and efficient workflows.

3

USE CASE

Augmenting worker guidance and workflows

Goal

Warehouse workers get at least 5% more work done without an ounce more effort or a minute more time.

Challenge

Today, warehouse management must do more with less. Increasing productivity is a mandate. Optimizing employee workflows and productivity is a critical success factor in meeting KPIs, especially if staff levels may be leaner than desired.

ProGlove Delivers

ProGlove provides information from the shop floor - knowledge you may be missing, and that certainly impacts worker guidance and workflows. ProGlove Insight Analytics provides you extensive data to your scan performance and tracks your improvements.

Get continuous time and motion studies for a complete picture of your shop floor processes. Improve your understanding of the physical efforts of your workforce. See cycle times, walking times and group activities as clear process steps - identify and act on process gaps.

- **Optimize worker movements by minimizing physical activity per workstation.**

- **Reallocate resources to distribute workloads evenly.**

- **Identify and remove bottlenecks. Document quality issues.**

Avoid the extra work from a false pick rate by providing information directly to the hands of your workers in real-time with a OK / NOK signal. Enable your employees to work smarter by using the feedback options to problems and delays in production.

4

USE CASE

Reliable scanning accuracy and quality

Goal

- **100% accuracy**
- **Increased process flow**
- **Minimal rescans**

Challenge

Warehouses need scanners that perform reliably in both normal and challenging circumstances.

Marred barcodes, multiple barcodes, poor warehouse lighting, etc. lead to time-consuming rescans and supply chain errors.

ProGlove Delivers

Our scanners enable your team to work smarter and more productively by optimizing their scans while maintaining speed and accuracy. Eliminate picking errors with our instant feedback features to improve the quality of the process.

Workflows move faster and smarter with our devices. You can rely on ProGlove's error-free recording of product data.

- **Reduce false pick rates by providing feedback directly to the hands of the workers in realtime. The Worker Feedback function translates OK / NOK signal into visual, acoustic and haptic feedback.**

- **Every scan marks a workflow checkpoint. ProGlove Insight Analytics lets you evaluate the performance on your processes right away. Benchmark sequential job activities across any timeframe and process detail, so you can apply learnings across the company.**

- **Identify barcode quality based on barcode content, symbology and avg. scan time.**

Management can optimize technical performance by inserting scanning events into order fulfillment workflows to examine and remove bottlenecks. Our ProGlove Insight Analytics documents quality issues, outliers or other process documentation tasks.

5

Improving mobile device management

Goal

Make sure your entire ProGlove fleet of scanners accounted for, available and ready for use.

Challenge

Expensive devices break, wear out, or disappear, batteries die.

That's why you need scanners that report location, condition, and battery status.
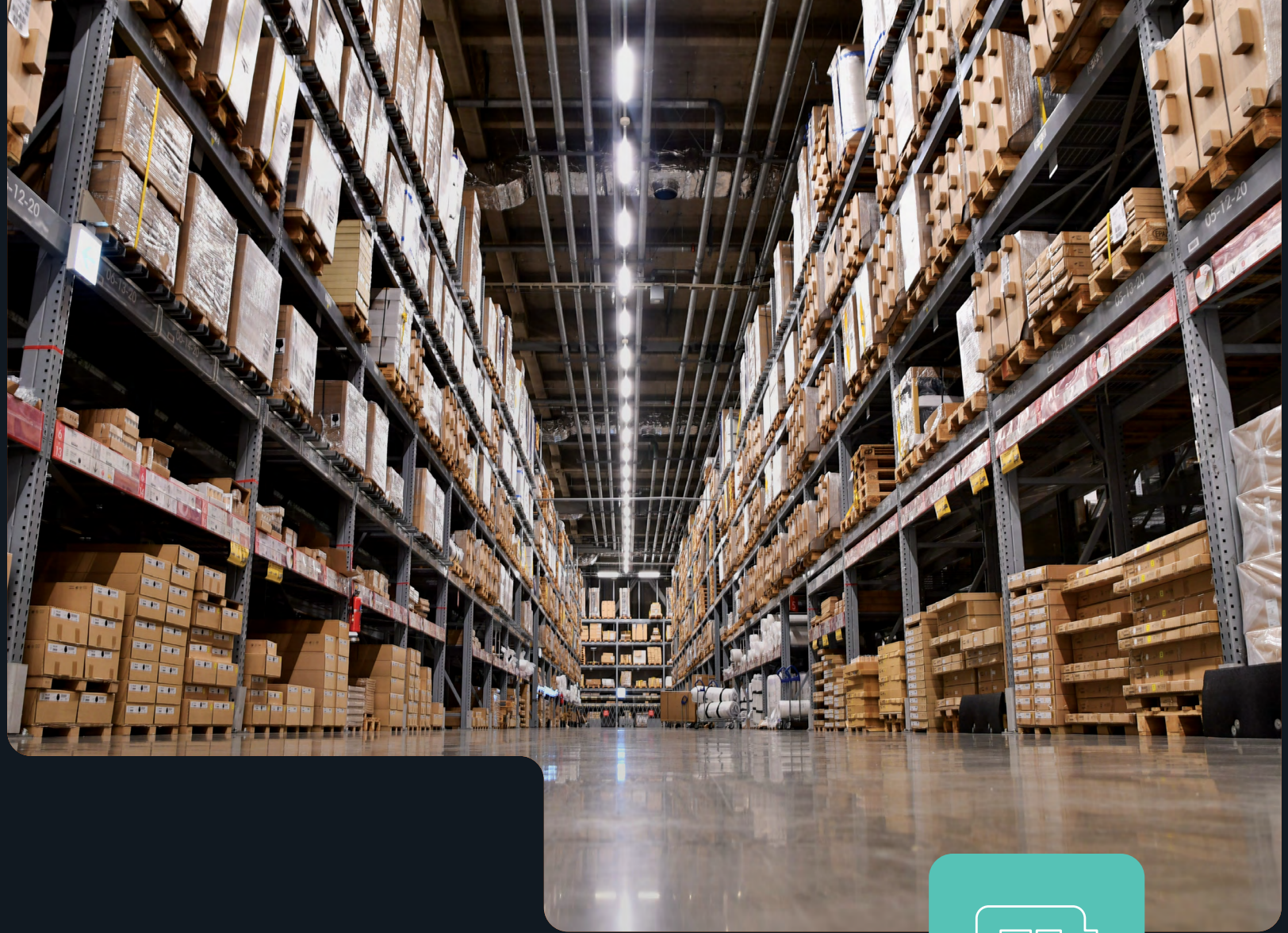
ProGlove Delivers

Know everything about every ProGlove device all the time. Effectively manage device lifecycle, including battery health, tracking of devices, and analyzing workflows. Know where all your devices are at any moment.

Minimize the risk of process disruptions with easy-to-follow advice on optimizing battery health, more efficient configurations, etc.. Use enhanced device settings in the configuration to keep your devices in top shape, while updating your device fleet with the newest firmware and configurations with zero-touch.

- **Maximize availability and connectivity with all meta data in one place**

- **Identify active, idle, out-of-service, misplaced and lost devices**

- **Perform remote configurations and predictive maintenance**

Understand your ProGlove assets across sites, by use-case, or by station. Unify views and shift devices if needed. Build out zones in your physical environment to localize your devices and compare process performance. Keep an overview of active, idle or out-of-operation devices - and identify outliers.

6

Optimize process and layout

Goal

Greater productivity from more efficient workflows, processes and warehouse layout.

Challenge

Warehouses are laid out to maximize space, not process flow.

"With the right data, I know I could design the layout more efficiently and optimize how my people pick so they walk less and can complete their work faster and safer." - Warehouse Manager (customer)

ProGlove Delivers

ProGlove gives you access to critical shop floor data that will help you to optimize layout and worker flow. We give you a faster, simpler way to access worker-based data without complex WMS programming.

Close the gaps in your shop floor knowledge through a feed of narrated insights, continuously updated and tailored to you. You will gain insights into spatial awareness, process layout, and time & motion studies to understand how the shop environment can be optimized to improve how workers move around.

- **Provide a seamless start to a work shift with fast, intuitive connection between the wearable scanner and the host device with a simple barcode scan**

- **Enable your employees to work smarter by using the feedback options to surface edge cases in production**

- **Mass charging stations efficiently charge any of your ProGlove scanners at one time, in one place**

Optimize your shop floor to minimize worker exertion, improve safety, and maximize productivity. Understand your ProGlove assets across sites, use-cases, or stations. Unify views and shift devices if needed. Maintain speed and accuracy while documenting every step, all handsfree, providing a safer, more ergonomic working experience for your employees.

PROGLOVE CASE STUDIES

Proof points on driving productivity

Gap

Gap Inc. is an American clothing and accessories retailer managing the GAP family of globally recognized brands including: Old Navy, Gap, Banana Republic and Athleta.

Gap Inc.

"Advanced automation and technologies like ProGlove help us continue to scale operations so that we can reliably make deliveries to the millions of customers who count on the Gap Inc. team."

MIKE BARICEVIC
Director Distribution Engineering, Gap Inc.

Challenge

This past year, Gap Inc. distribution centers managed some 400,000 store deliveries, and shipped more than 100 million parcels. Much of that volume occurs from October to December.

Solution

Automation has been the cornerstone of Gap Inc.'s transformation of its distribution centers to support omni-channel fulfillment.

Result

By minimizing focus on their equipment, ProGlove scanners allow operators to concentrate more on their operational tasks.

Rossmann

The ROSSMANN drugstore network was founded in Germany in 1972 by Dirk Roβmann. It currently operates more than 4,000 stores in 8 European countries.

"In order to be able to perform your tasks well, it is necessary to have high-quality, ergonomic equipment."

DAVID KRAMPERA
WMS Supervisor - Project Specialist, ROSSMANN

Challenge

ROSSMANN (Czech Republic) customers expect an excellent customer experience, which means on-time correct delivery, every time. They needed to save time on basic tasks - to find an ergonomic scanning solution that was faster and more accurate.

Solution

With ProGlove, ROSSMANN was able to identify gaps in their processes and fill those gaps in more efficient ways.

ROSSMANN employees gained a newfound freedom - two free hands.

Result

- Increases in accuracy and productivity
- A more efficient, satisfied workforce.

REWE Group

The REWE Group has approximately 10,000 stores across Europe, providing both in-store but online shopping.

Challenge

Reduce errors. Traditional scanners are heavy and slow, and make it easy for workers to pick the wrong items without any clear notifications or feedback.

Solution

ProGlove provided a more accurate and secure scanning process that enabled more efficient workflows.

Result

An almost complete reduction in incorrect deliveries. With ProGlove devices, any time workers picked the wrong item, they received instant audio feedback and a visual alert.

REWE
GROUP

"The challenge is to always process orders correctly, quickly and carefully. ProGlove ensures this."

ANDREAS HILLMANN
Operations Manager, Penny-Markt GmbH
Logistics Center

Would you like to know how partnering with ProGlove can bring substantial productivity gains?

Please contact us. We'll put you in touch with one of our experts, and schedule your virtual demonstration.

info@proglove.com

www.proglove.com

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