

# ProGlove at a Glance

From wearable pioneer to platform provider for  
**operational efficiency**

ProGlove develops wearable technology and intelligent software solutions for frontline workers in logistics, manufacturing, and retail. The company combines ergonomic hardware with data-driven analytics to make processes more efficient, safer, and more transparent—at the point of value creation.

Originally a pioneer in wearable barcode scanning, ProGlove has evolved into a platform provider that connects hardware, real-time data, and AI-powered applications into an integrated ecosystem. The goal is not only to capture workflows digitally, but to actively improve them.



# Transforming the Frontline Through Wearables, Software, and Analytics

ProGlove follows a clear approach: operational efficiency starts with the people on the shopfloor. Technology is designed to simplify work and reduce physical strain—not to introduce additional complexity.

By combining wearable devices, software, and analytics, real-world workflows become measurable and can be optimized in a targeted way. This results in both productivity and efficiency gains, as well as improved working conditions.

## ✔ Key Facts

**Founded:** 2014 in Munich **Employees:** 350+ **Customers:** 2,000+ across 50+ countries

**Locations:** Munich (Germany) | Chicago (USA) | Coventry (UK) | Belgrade (Serbia)

**Core industries:** Retail | E-commerce | Logistics | Automotive & Manufacturing

# Transforming Frontline Work Through Wearable Intelligence

Around 80 percent of operational value creation takes place on the shopfloor—in warehouses, production facilities, and retail environments. However, a large share of software investments continues to focus on enterprise systems, while day-to-day execution on the shopfloor is often only partially analyzed using data.

The result is manual processes, unnecessary walking distances, recurring physical strain, and limited transparency into how work is actually performed.

At the same time, companies are facing growing pressure due to labor shortages, increasing supply chain complexity, and rising quality requirements. Even small inefficiencies in workflows can quickly accumulate into significant productivity losses.

While companies invest heavily in ERP and warehouse management systems (WMS), precise data from real operations is often missing. Key questions remain unanswered: How long do individual process steps actually take? Where do delays occur? Which movements place unnecessary strain on employees?

## This is where ProGlove comes in.

Through wearable barcode scanners, real-time data and analytics, and AI-powered assistance, movements, scans, and process steps are captured in real time, analyzed, and translated into actionable insights. Workflows become measurable, optimizable, and manageable in real time—without requiring fundamental changes to existing IT systems.

The result is higher productivity, fewer errors, and targeted improvements in ergonomics in day-to-day operations. Frontline work is transformed from a blind spot of digitalization into a strategic lever for competitiveness and resilience.

# The ProGlove Portfolio

Wearables. Analytics. AI-powered assistance.

ProGlove combines its solutions into an integrated system of wearable hardware, data-driven software, and AI-powered assistance. The aim is to bring data capture, transparency, and decision support directly into operational workflows.

## Wearables – Data capture and interaction on the back of the hand

ProGlove's wearable scanners—including models such as MARK Display, MARK 3, and the compact LEO—enable hands-free scanning and ergonomic workflows in logistics and manufacturing. They replace traditional handheld scanners and reduce interruptions in the workflow. Barcodes are captured in milliseconds, without the need to pick up or put down a separate device.

MAI, the wearable companion, expands this concept with an integrated display and voice functionality. Work instructions, feedback, and system information can be displayed directly on the back of the hand or accessed via voice interaction.



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## Analytics – Visibility into real-world processes

Through the INSIGHT platform—including INSIGHT Enhance and Warehouse 360—scan and movement data is analyzed in real time. Companies gain detailed insights into process times, bottlenecks, sources of error, and ergonomic patterns. Workflows can be analyzed, compared, and optimized in a targeted way—without fundamentally changing existing WMS or ERP systems.

## AI assistance – From data to operational intelligence

With ActivityAI, ProGlove expands its platform with AI-powered analytics capabilities. The software analyzes not only cycle times, but also movement patterns in day-to-day operations. For example, it identifies when employees perform an unusually high number of bending or stretching movements, or when they cover above-average distances between picks. Such patterns can indicate inefficient warehouse layouts or suboptimal routing—and provide concrete starting points for both ergonomic and operational improvements.

This is complemented by an integrated voice assistant in MAI, enabling hands-free interaction with systems.

Together, these three layers form a scalable platform for wearable intelligence: from precise data capture and real-time analytics to intelligent assistance in daily operations.



# RESULTS & USE CASES

ProGlove solutions deliver measurable productivity improvements, time savings per scan, reduced error rates, and significantly improved ergonomics across industries. These effects are achieved through integration into existing processes—not by fundamentally changing them.

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# Double-digit productivity gains

Switching from handheld scanners to wearables significantly improved operational performance at RAM® Mounts:

- 15% increase in overall warehouse productivity
- 100% efficiency improvement in the order picking team
- Over 227,000 scans per employee per month across 30+ process steps

“Since we deployed ProGlove wearable scanners our warehouse team’s productivity has increased 15%. The value proposition of ProGlove is an easy cost-benefit analysis to work through.”

Chad Remmers  
COO | RAM® Mounts



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# Measurable time savings per scan

At DHL, seconds per scan matter in high-frequency logistics environments:

- Up to 4 seconds saved per scan
- Deployed in 38 parcel centers with 400 devices
- Increased mobility, fewer errors, reduced worker stress

“Mobile scanning solutions like ProGlove increase transparency and reliability in our services. In an industry where time is everything, it’s critical to ship more, minimize errors, and improve process quality.”

Dr. Simon Deyman

VP Operations Parcel Hubs Germany

Deutsche Post DHL



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# Error reduction and process quality

At Digitec Galaxus, hands-free scanning improves accuracy in the order picking process:

- 20% reduction in picking errors
- Up to 15% overall performance increase
- Around 5 seconds saved per scan

“The ProGlove solution enables us to scale faster while maintaining high levels of efficiency and ergonomics. It has become an essential part of our warehouse operations.”

Günther Wasser

Team Leader Logistics IT Engineering

Digitec Galaxus



# Ergonomics and employee satisfaction

At SPAR Austria, ergonomic scanning processes improve working conditions:

- Up to 15% performance increase
- Reduced error rate in the order picking process
- Improved employee satisfaction and retention

“From the very first meeting with ProGlove, we were impressed by the innovative scanner solutions. After successful testing in different scenarios, we quickly saw increased efficiency and high employee acceptance. We are truly convinced by the unique ergonomics.”

Matthias Kienzl

Head of Goods Flow and Warehousing  
SPAR Austria



# LEADERSHIP & STRATEGY

ProGlove's leadership team combines technological expertise with operational experience and international go-to-market capabilities. The focus is on further expanding a data-driven platform for operational processes.



## Thomas Kirchner (Founder) The vision behind wearable intelligence

Thomas Kirchner founded ProGlove with the idea of making industrial work processes measurably more efficient through intelligent wearables. Early on, he recognized that digital transformation in industry can only succeed if people and systems are seamlessly connected.

Under his leadership, ProGlove established itself as a pioneer in industrial wearables, with applications among leading automotive manufacturers as well as in logistics and retail. His vision extends beyond hardware: combining speed and quality in real time with data-driven operational intelligence.



## Konstantin Brunnbauer (Managing Director) From first intern to CEO

Konstantin Brunnbauer embodies the development of ProGlove like few others. Starting eleven years ago as the company's first intern, he became a co-founder and shaped the organization in key roles—from production and People Experience to COO and interim CFO.

As Managing Director, he now assumes overall responsibility during a phase of strategic realignment. His focus is on consistent execution, operational excellence, and expanding the company's international market presence. His appointment sends a clear signal of continuity from within the team—and reflects a deeply rooted understanding of technology, culture, and customer needs.



**Marcel Kars (Chief Revenue Officer)**  
Platform and scaling expert

With Marcel Kars, ProGlove has brought an international growth expert on board. The experienced sales and platform strategist previously held senior leadership roles at Zebra Technologies, Zetes, Fortna, and Oracle, and brings over 30 years of experience in enterprise sales, industrial automation, and software-driven business models.

As Chief Revenue Officer, he is responsible for the global commercial organization—from marketing and channel management to strategic key account business. His mission is to accelerate the platform strategy, expand the enterprise business, and strengthen recurring revenue models. His appointment marks another step in ProGlove’s transformation from a hardware provider to a data-driven platform company.



**Pierre Mikaelsson (Chief Product Officer)**  
Product strategy

Pierre Mikaelsson has been Chief Product Officer at ProGlove since 2024 and is responsible for product strategy and the further development of the platform. His focus is on integrating hardware, software, and data-driven analytics into a unified system.

Previously, he held international leadership roles at technology and industrial companies, including Nilfisk, KUKA, and ABB. With over 25 years of experience in product development and technology management, he is driving the expansion of analytics and AI capabilities at ProGlove.

# Quotes & Contact Information

## Boilerplate

ProGlove is a Munich-based technology company founded in 2014 that analyzes and optimizes operational processes in logistics, manufacturing, and retail through data-driven insights.

Its solution combines wearable devices with a software platform that evaluates process times, movement patterns, and ergonomic strain.

More than 2,000 companies in over 50 countries use ProGlove to increase productivity, reduce errors, and improve working conditions. The company employs over 350 people worldwide.

# Quotes

“Productivity is not driven by automation alone, but by well-designed processes and good working conditions. When we make workflows more transparent, we improve efficiency and ergonomics at the same time.”

**Konstantin Brunnbauer**  
Managing Director

“Companies need reliable data from actual execution—not just from planning systems. Only when it becomes visible where time is lost or strain occurs can processes be sustainably optimized.”

**Marcel Kars**  
Chief Revenue Officer

“From day one, our goal was to make real work measurable. Today, data enables us to improve processes in a targeted way—not theoretically, but in daily operations.”

**Thomas Kirchner**  
Founder

“For us, great product development starts with a precise understanding of real workflows. Our job is to connect hardware, software, and data in a way that delivers actionable insights—not just more metrics.”

**Pierre Mikaelsson**  
Chief Product Officer

# Contact

Press and Media inquiries

**Bingning Liu**

bingning.liu@progllove.de

+49-89262035036

Storymaker Agency for Public Relations GmbH

**Nina Blagojevic**

n.blagojevic@storymaker.de

+49-(0)170-9066133

**Germany (Headquarters)**

Rupert-Mayer-Str. 44

Building 64.08

81379 Munich

**Serbia**

Omladinskih brigade

Building 88-90

11000 Belgrade

**UK**

Coventry University

Technology Park

Puma Way, CV1 2TT Coventry

**US**

1229 N North Branch St

Suite 211

Chicago, IL 60642

[www.proglove.com](http://www.proglove.com)