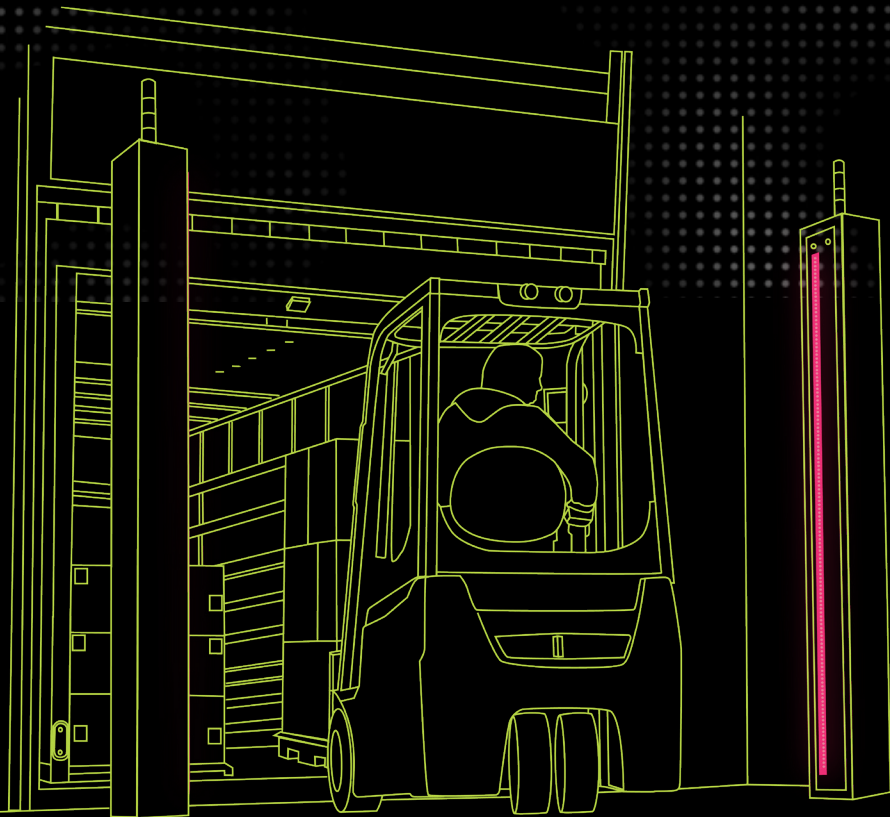




AUTOMATION INTELLIGENCE.

The Guide to Manufacturing Automation



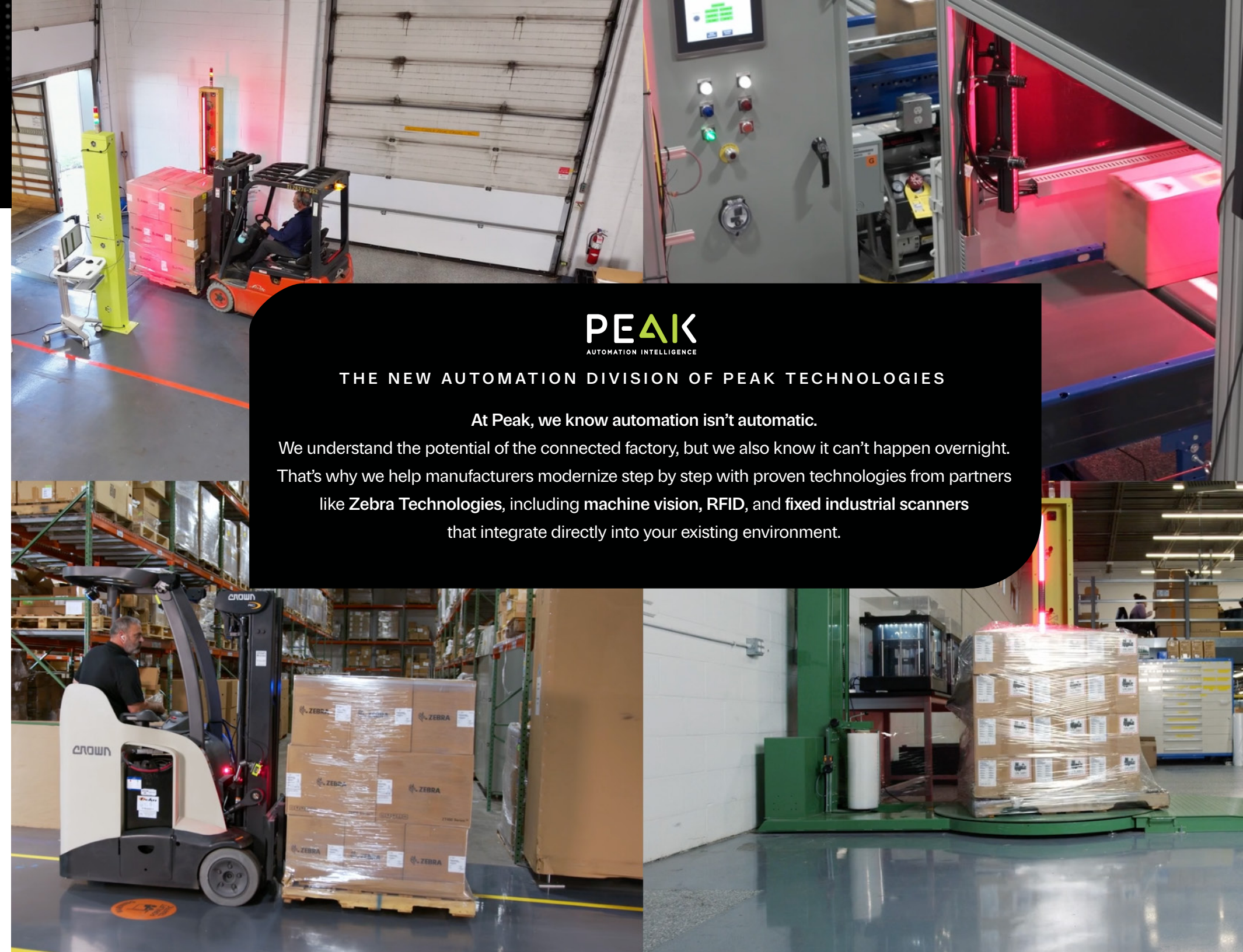
AI THAT MAKES THE IMPOSSIBLE POSSIBLE.

Introducing automation that makes sense for today's manufacturer.

Automation is tricky. You know you need to modernize your facility. Labor shortages, chargebacks, bottlenecks, downtime...they cost you profits. But you don't have an unlimited budget, and you're not ready to shut down operations and start over.

This is where **Peak Automation Intelligence** comes in. We can help you reduce labor costs and become more efficient without costly downtime. Our automation solutions combine durable, reliable Zebra hardware with custom-built systems that integrate AI software and machine vision, which you can install in parallel with your current supply chain

Together, **Peak Automation Intelligence** and **Zebra** enable the connected factory by bridging IT and OT, and turning operational data into actionable intelligence. For manufacturers, this means scalable automation, predictive operations, and greater agility, without sacrificing reliability, compliance, or speed to shelf.



PEAK
AUTOMATION INTELLIGENCE

THE NEW AUTOMATION DIVISION OF PEAK TECHNOLOGIES

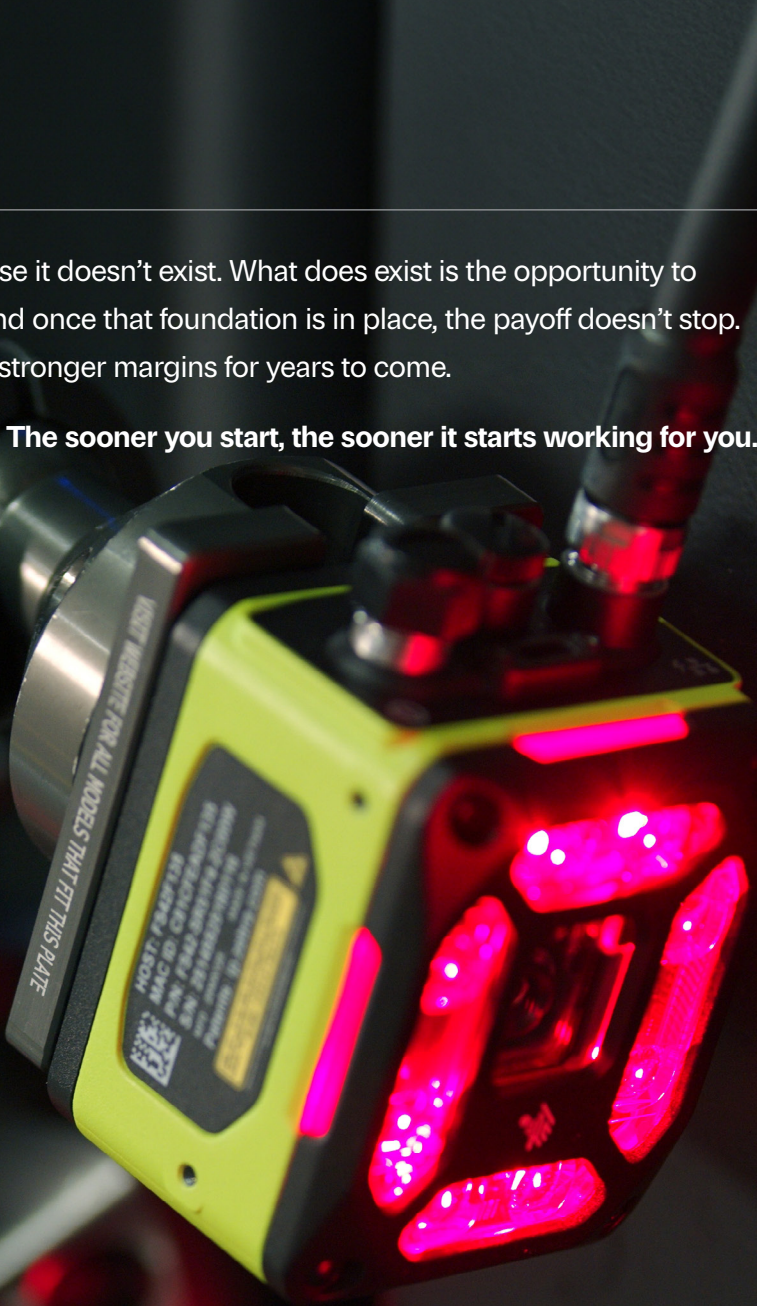
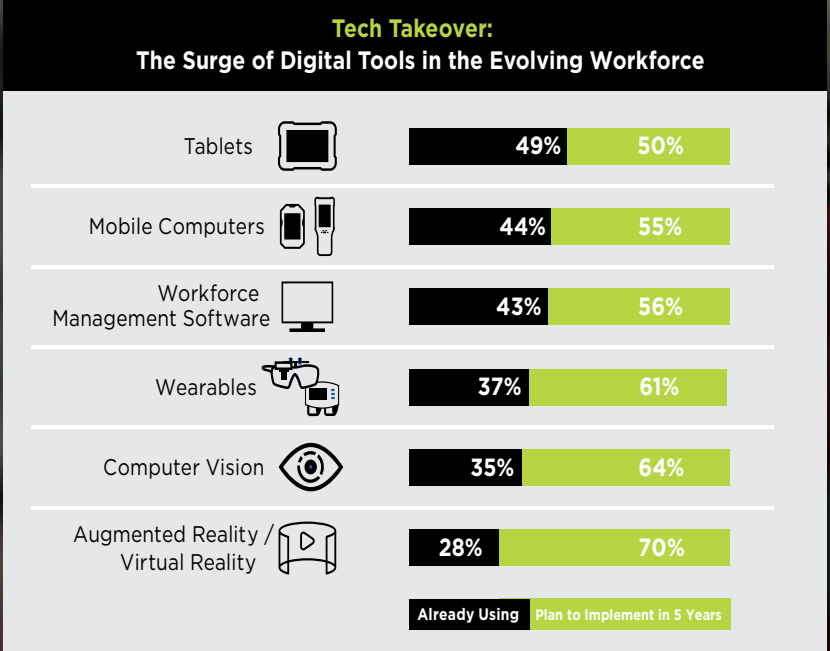
At Peak, we know automation isn't automatic.

We understand the potential of the connected factory, but we also know it can't happen overnight. That's why we help manufacturers modernize step by step with proven technologies from partners like **Zebra Technologies**, including **machine vision**, **RFID**, and **fixed industrial scanners** that integrate directly into your existing environment.

Now Is The Time

You can't wait for the "perfect moment" to digitize the factory floor, because it doesn't exist. What does exist is the opportunity to start small, build on what you already have, and unlock real results fast. And once that foundation is in place, the payoff doesn't stop. You're setting up your plant for higher output, lower operating costs, and stronger margins for years to come.

Digitization isn't an expense. It's an investment in long term profitability. The sooner you start, the sooner it starts working for you.



Manufacturers Embrace Digital Transformation Despite Cost and Time Concerns

92%
Digital transformation is a strategic
priority for the organization

90%
Current and projected market conditions
are accelerating digitalization priorities

89%
Digitization projects are time,
cost and labor-intensive upfront
with a long window to realize ROI

Less Waste

Everybody talks about "efficiency," but for you, waste is real money walking out the door. Zebra machine vision systems and fixed scanners, implemented by Peak Automation Intelligence, give your operation the ability to see what's happening across machines, materials, and workflows with real-time accuracy.

- ↗ You catch defects earlier.
- ↗ You prevent rework.
- ↗ You maximize the value of every resource you already own.
- ↗ No major overhaul—just smarter use of what's already there.

Respond Faster

In manufacturing, surprises are rarely good. With enhanced visibility from Zebra RFID portals, work-in-process tracking, and real-time alerts, your team gains the ability to respond before small issues become big, expensive ones.

Automated insights give your operators what they need, when they need it. Your plant runs smoother, shifts stay on track, and firefighting becomes the exception, not the norm.

Transforming Manufacturing:

Productivity, Profit and

Competitive Power

Top Benefits of Automation

Optimize the workforce by

enhancing productivity and

adding automation

Improve throughput to increase

yield and revenue

Improve competitiveness in

marketplace

Enhance supply chain and

demand resiliency and agility

Improve inventory management

and material movement

Less Downtime

Unexpected downtime is costly and disruptive. But when your equipment and materials are

connected through RFID, barcode data, and real time analytics, you can spot early warning

signs long before a machine grinds to a halt.

- Predictive maintenance becomes practical.

➤

Planned schedules replace emergency fixes.

➤

Your operation stays productive, predictable, and steady.

Plant Floor Optimization

You don't need to rebuild your plant to optimize it, you just need clearer visibility.

With Peak Automation Intelligence solutions powered by Zebra's automated data capture

hardware, bottlenecks become obvious, underutilized assets surface, and improvement

opportunities practically highlight themselves.

Optimization stops being guesswork and starts being science.

Meet Service-Level Agreements

Reliable turnaround times and consistent quality are the backbone of your customer relationships. Zebra's vision inspection,

smart traceability, and RFID-driven accuracy ensure you're monitoring quality, predicting issues, and staying on schedule.

You're not hoping everything lines up, you're managing with confidence. And that's how you hit your SLAs. Every time.

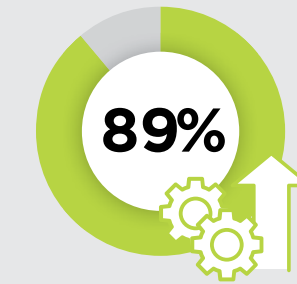
Stay Competitive

You don't need to become a fully automated mega-facility to stay competitive. Incremental improvements

driven by smarter visibility give you agility and precision while maximizing the systems and people you

already have. Peak Automation Intelligence helps you adopt scalable, future-ready tools so you stay

relevant and resilient, not rushed or overburdened.



of manufacturing

decision-makers

plan to increase

technology

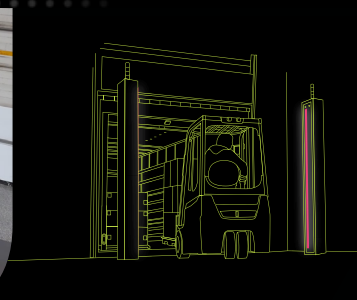
investments in 2024

Increase 10+%	Increase 6% - 10%
22%	38%

PEAK AUTOMATION INTELLIGENCE

AUTOMATION INTELLIGENCE

MACHINE VISION & AI-ENABLED SOLUTIONS

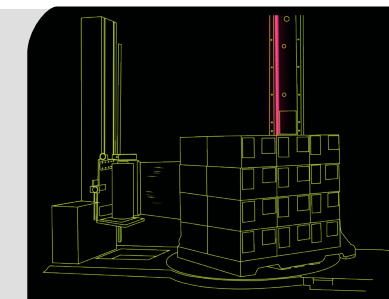


01 ↗ DOCK DOOR INSIGHTS

Peak and Zebra introduce an innovative use of machine vision and AI to scan all incoming and outgoing shipments at your dock. A single tower placed by a dock door can capture every barcode on the entire pallet.

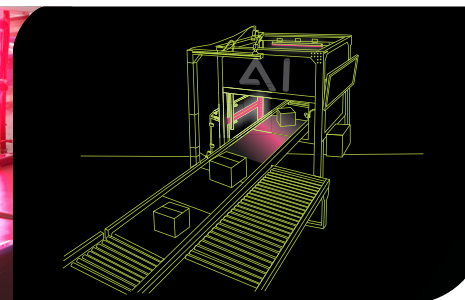
02 ↗ PALLET INSIGHTS

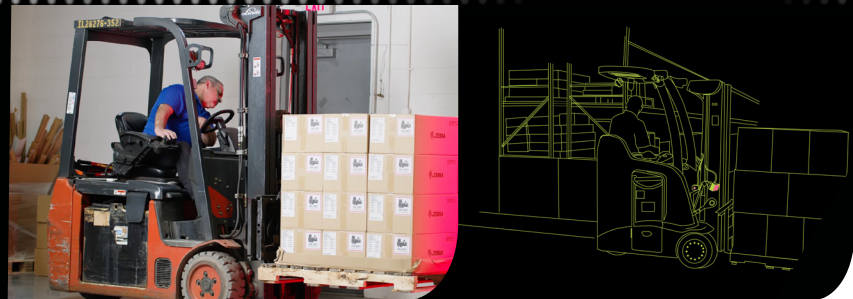
Special cameras and lights allow this scanning system to read barcodes and icons through the plastic wrapping on pallets, allowing you to identify and classify every box in every shipment.



03 ↗ TUNNEL INSIGHTS

A high-speed, efficient conveyor system paired with Zebra fixed scanners, machine vision, and our proprietary AI software, will let you know everything about your packages including charge back issues, damages, mislabeling, and incorrect contents.





04 MATERIAL MOVEMENT INSIGHTS

With fixed Zebra scanners mounted directly on forklifts and AI software, you can now have box and pallet condition monitoring for improved safety and workflows.

05 PEAK ANALYTICS

Our AI-enabled software system is the magic that gives you unprecedented vision into every part of your operation. It analyzes every raw material, product, box, pallet and part that comes in and out of your facility. It can tell you where everything is, whether it's in proper condition, where it should be and where it's going next. Your facility will be more efficient and safer than ever.

Efficiency isn't about replacing people, it's about equipping them. Automation tools like Zebra's fixed industrial scanners and AI-enabled machine vision reduce repetitive tasks, eliminate manual data entry, and streamline inspections. Your workforce gets to focus on meaningful work instead of monotonous chores, while your workflows become faster, cleaner, and more consistent. They're targeted upgrades that deliver quick wins by reducing waste, cutting downtime, and tightening up every shift.



RESULTS

15%

Delivers 15% reductions in logistics and inventory related costs.

50M+

Scan events per day.

50M+

50 million+ AI inferences.

Get an Edge

Visibility gives you more than data, it gives you an advantage. When you know what's happening across your operations in real time, you make smarter decisions, adapt faster, deliver with confidence, and stay ahead of competitors who are still operating in the dark.

A connected factory isn't just about improvement. It's about leadership.

The Numbers Don't Lie

20–30%

cost reduction, ROI in 12–18 months

Midsized manufacturers implementing phased digital transformation—data capture, quick win automation, predictive maintenance—typically see these results.

(Source: 2025 MidSized Manufacturing Roadmap; McKinsey's 2024 Manufacturing Tech Survey via vegam.ai)

25–35%

operational cost reduction
with targeted digitization

Smart manufacturers using automation, analytics, digital inspection, and similar tools report significant gains.

(Source: McKinsey 2024 via vega)

20–30%

efficiency improvements
within 90 days

Quickwin automation—digital checks, inventory triggers, scheduling—delivers immediate operational benefits.

(Source: Industry Week 2024 via veg)

15–25%

15–25% cost competitiveness
advantage

Digitized operations can underbid manual processes due to efficiency and quality gains.

(Source: Deloitte 2024 Outlook via vegam.ai)

34%

of manufacturers are already
seeing ROI from AI

Especially in quality inspection and predictive maintenance—key strengths of Zebra machine vision.

(Source: KPMG Global Tech Report 2024)

10–15%

throughput gains

Smart upgrades layered onto existing equipment increase output without increasing labor.

(Source: Deloitte Smart Factory Case Studies)

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Now is the time to modernize your factory! Contact us today at 1-888-597-3650.

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