

Case Picking Solution



A flexible, full-service automation solution combining autonomous forklifts, intelligent orchestration and Robotics as a Service (RaaS) to accelerate ROI and transform case picking.

Transforming Case Picking with Intelligent Automation

enMotion offers a powerful case picking solution designed to eliminate inefficiencies, reduce labor costs and increase throughput. Built to work in both brownfield and greenfield environments, it requires no changes to your existing infrastructure, enabling rapid deployment with minimal disruption.

This solution, powered by GreyMatter™ from GreyOrange, delivers the flexibility and scalability needed to meet today's dynamic warehouse demands—whether you're retrofitting an existing facility or launching a new one.

Autonomous Forklifts Built for Performance

At the core of enMotion's case picking solution are two advanced autonomous forklifts powered by GreyMatter: the enMotion Forklift – AnyPallet and the enMotion Forklift – XXL. Both are ideal for low-level lifting and point-to-point movement in distribution centers.

- AnyPallet: Designed for handling closed pallets in tight, narrow aisles
- XXL: Capable of transporting multiple pallets or trolleys simultaneously, side-by-side or back-to-back

Each forklift is equipped with:

- A LiDAR-based SLAM navigation
- Three high-precision safety laser scanners for a full 360° field of view
- Real-time object and human detection with autonomous path adjustment

These capabilities enable safe, efficient movement within busy warehouses and support a wide range of intralogistics applications.

Advanced Navigation and Fleet Coordination

enMotion Case Picking Solution is powered by GreyMatter™, an intelligent software platform designed for fleet orchestration, route optimization and real-time traffic control. Key capabilities include:

- Uploading warehouse maps and defining operational zones
- Configuring robot behavior and deployment parameters
- Coordinating task execution across mixed fleets

GreyMatter ensures consistent, predictable performance while enabling scale and flexibility from day one. It also reduces congestion and increases safety by autonomously managing traffic and task prioritization.

Hardware-Agnostic Flexibility

One of the defining strengths of the enMotion enMotion Case Picking Solution is its hardware independence. GreyMatter integrates seamlessly with a wide range of autonomous mobile robots (AMRs), allowing you to select the best-fit equipment for each use case. This flexible approach enables:

- Optimization of capital investment
- Maximum performance across diverse payload types
- Customizable deployments that aren't tied to a single hardware provider

Accessible Automation Through Robotics as a Service

enMotion Case Picking Solution is available via a Robotics as a Service (RaaS) model, making advanced warehouse automation more accessible and cost-effective. This model allows companies to adopt cutting-edge robotics without the burden of large upfront capital expenditures. With RaaS, you benefit from:

- Lower total cost of ownership with predictable monthly payments
- Built-in maintenance, software updates and support
- Flexibility to scale automation up or down as your operations evolve



This subscription-based approach helps businesses remain agile and ensures their automation investments evolve alongside changing market demands.

Orchestrated Execution for Inventory and Order Fulfillment

Beyond movement, enMotion Case Picking Solution orchestrates critical warehouse workflows to drive measurable performance improvements. The system enhances inventory slotting, replenishment and order building through intelligent decision-making. Benefits include:

- On-time shipping with intelligently palletized orders
- Reduced reliance on manual SOPs
- Increased CPU (cases picked per unit of labor)

This end-to-end visibility and control translates to greater agility, accuracy and productivity across fulfillment operations.

Contractually Delivered KPIs and ROI Assurance

enVista's deep supply chain expertise, combined with GreyMatter's orchestration power, allows us to contractually commit to performance goals at the start of every project. We work side-by-side with your team to define, execute and validate your

warehouse automation KPIs. With this model, you can:

- Ensure alignment on goals and outcomes from day one
- Minimize risk and implementation uncertainty
- Achieve faster time to ROI with confidence

Whether you're addressing labor challenges, throughput bottlenecks, or the need for scalable automation, enMotion enMotion Case Picking Solution is designed to grow with your business. Let enVista help you future-proof your warehouse with automation that works today and scales for tomorrow.



About enVista

enVista is the leading supply chain and enterprise consulting firm and the premier provider of supply chain technology & strategy services, material handling automation & robotics, Microsoft solutions and IT managed services. With 20+ years of unmatched domain expertise, enVista serves thousands of leading brands. enVista's unique ability to consult, implement and operate across supply chain, IT and enterprise technology solutions allows companies to leverage enVista as a trusted advisor across their enterprises.

Consulting and solutions delivery is in our DNA.

Let's have a conversation.®

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