

# COMPANY & TECHNOLOGY OVERVIEW



## WE AUTOMATE AND ORCHESTRATE HOW GOODS MOVE

Vecna Robotics is the leading logistics automation and orchestration company that helps distribution, warehousing, and manufacturing organizations streamline their materials handling operations. Pivotal™, the company's proprietary orchestration engine, integrates with existing warehouse management systems for a coordinated approach that maximizes throughput, operational efficiency, and human and robot collaboration. Vecna Robotics' robots are backed with 24/7 US-based live support and proactive monitoring for an industry-leading **99%+** uptime.

Through partnerships with some of the largest industrial original equipment manufacturers, service providers, systems integrators, and best-in-class complementary technologies, Vecna Robotics delivers reliable and scalable warehouse automation solutions across North America.

Leading companies including FedEx Ground, DHL Supply Chain, GEODIS, Medline, GE Appliances, and more rely on Vecna Robotics' solutions to automate and streamline their materials handling operations.

## HIGH-CAPACITY AUTONOMOUS MOBILE ROBOTS

From pallet trucks to tow tractors and counterbalanced lift trucks, Vecna Robotics offers a range of high-capacity autonomous mobile robots (AMRs) for all types of materials handling applications. With navigation enabled by multi-sensor fusion and best-in-class safety systems, Vecna Robotics' self-driving industrial vehicles offer the payload capacity of automated guided vehicles (AGVs) with the intelligence, safety, path planning and obstacle avoidance of AMRs.

### AT A GLANCE:

- Founded in 1998 by CEO Daniel Theobald
- 100+ patents & 20+ years of experience in robotics and automation
- Privately owned, investor backed with \$63M of funding
- 125+ employees
- Founding member of MassRobotics
- Headquartered in Waltham, MA

## SAFE FOR OPERATION IN MIXED ENVIRONMENTS

Vecna Robotics' AMRs are architected with a multi-level safety system and meet or exceed all safety regulations. These powerful robots are equipped with 360-degree sensor protection and enhanced obstacle detection and avoidance, allowing smooth navigation around static and dynamic obstacles. Vecna Robotics' AMRs run at speeds tuned to the environment and load capacity to deliver maximum throughput without sacrificing the safety of other people or machines.

## WORKS FOR, ADAPTS TO, AND EVOLVES WITH YOUR OPERATIONS

Based on 20 years of research and development partnerships with agencies like DARPA, NASA, Army, and ONR, Pivotal™ is designed to futureproof your operations. With custom-built applications, Pivotal is the only solution that enables organizations to:

- > **Automate:** Safely transform OEM material handling equipment into fully autonomous self-driving vehicles
- > **Orchestrate:** Deliver system-wide orchestration by unifying and allocating tasks between humans, robots and manual equipment
- > **Learn:** Employ data analytics for a feedback loop that enables continuous improvement

## DEDICATED TO A FUTURE OF INTEROPERABILITY

Vecna Robotics' Pivotal platform lays the groundwork for future industrial workflows that rely on a mix of human workers and robots from multiple vendors. As a founding member of MassRobotics, an independent, non-profit organization focused on advancing robotics and automation, Vecna Robotics is dedicated to using Pivotal to push industry interoperability forward. By working closely with other automation providers, Vecna Robotics is helping to develop standards that enable multiple vendors to share robotic-specific performance characteristics to better coexist in shared environments, increase efficiency and realize the promise of warehouse and factory automation.

## INDUSTRY RECOGNITION

Vecna Robotics is recognized as a leading innovator and automation partner in the materials handling space by notable organizations like Frost & Sullivan, Supply and Demand Executive, SupplyChainBrain, Robotics Business Review, MassTLC, BostonInno and the AI Breakthrough Awards. In addition, Vecna Robotics was selected to participate in the NewLab accelerator program in partnership with Verizon 5G Studios, as well as the MIT Startup Exchange multiple years in a row.

