

Casey

AUTONOMOUS CASE PICKING AND PROCESS OPTIMIZATION SOLUTION

Optimize the workflow of **people and robots**,
and reduce waiting and in-aisle walking for
maximum picking efficiency.



THE COMPLETE SOLUTION FOR OPTIMIZED CASE PICKING

Casey combines a collaborative, AI & vision-based AMR and optimization software into an intelligent solution for maximum picking efficiency and up to 40% lower labor costs.

It operates safely, consistently, and reliably in dynamic environments, enabling pickers to partner with robots for improved picking rate and accuracy.

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CASEY'S ANATOMY

Meet the technology behind autonomous and optimized case picking.

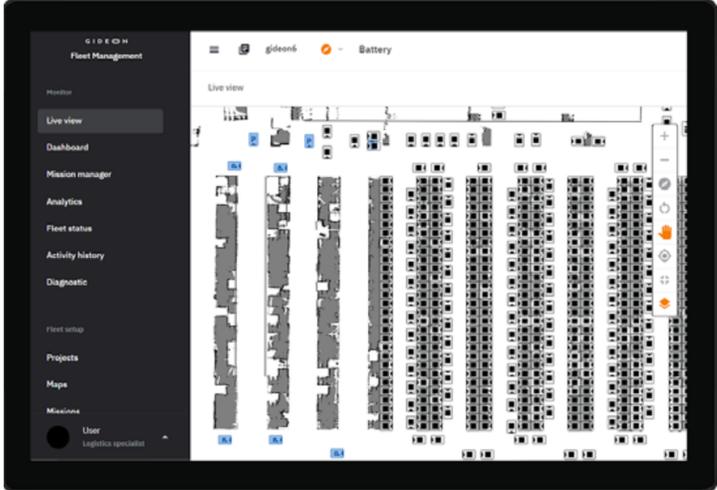
Gideon Autonomy
powered by AI & 3D vision.



Robust, collaborative **AMR** with picker application.



Optimization and fleet management **software**.

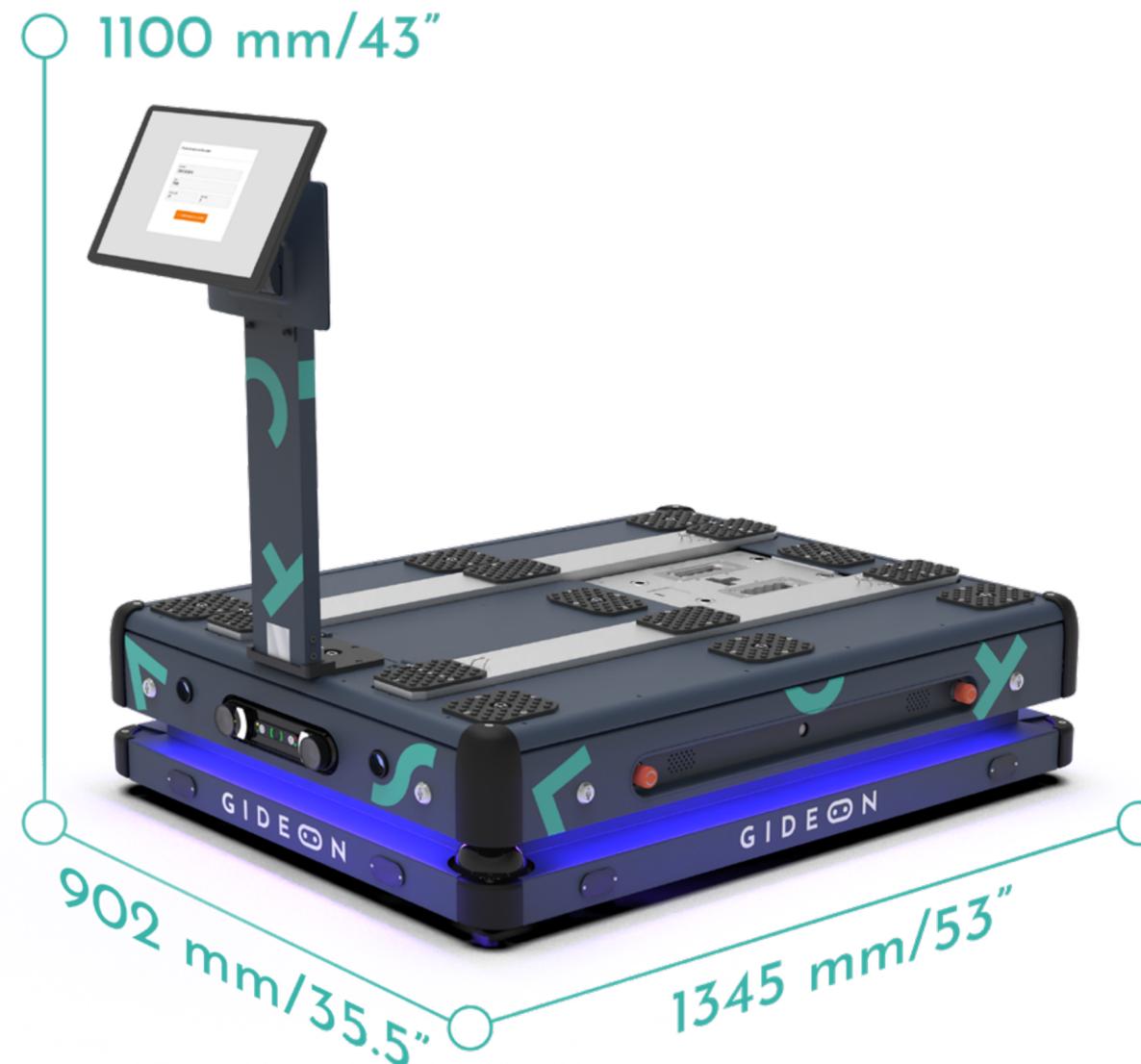


COLLABORATIVE AMR

Automating case picking operations to eliminate inefficient workflows.

Specifications:

Vehicle type	Differential drive
Weight	318 Kg/701 lbs
Max payload	1000 kg/2200 lbs
Battery	Li-Ion, 48V DC, 86Ah
Operating on full charge	8h
Charging time	1h
Charging options	Opportunity charging 1h Battery swap, instant
Co-worker / people detection	Safety laser scanner - 360° field protection
Supported pallets	CHEP, EPAL1, EPAL3



Intuitive picking application.
Ergonomic 14-inch picker screen.
Robust in-house developed vehicle with pallet lift function.

GIDEON AUTONOMY POWERED BY AI AND 3D VISION

Uniquely designed
for **autonomous
visual navigation**,
and improved safety.



Proprietary Vision Module
for a **human-like understanding
of the environment**.



Intuitive system that **keeps people,
goods, and equipment safe**.

Friction-free navigation
around obstacles and people.

OPTIMIZATION SOFTWARE AND FLEET MANAGEMENT SYSTEM

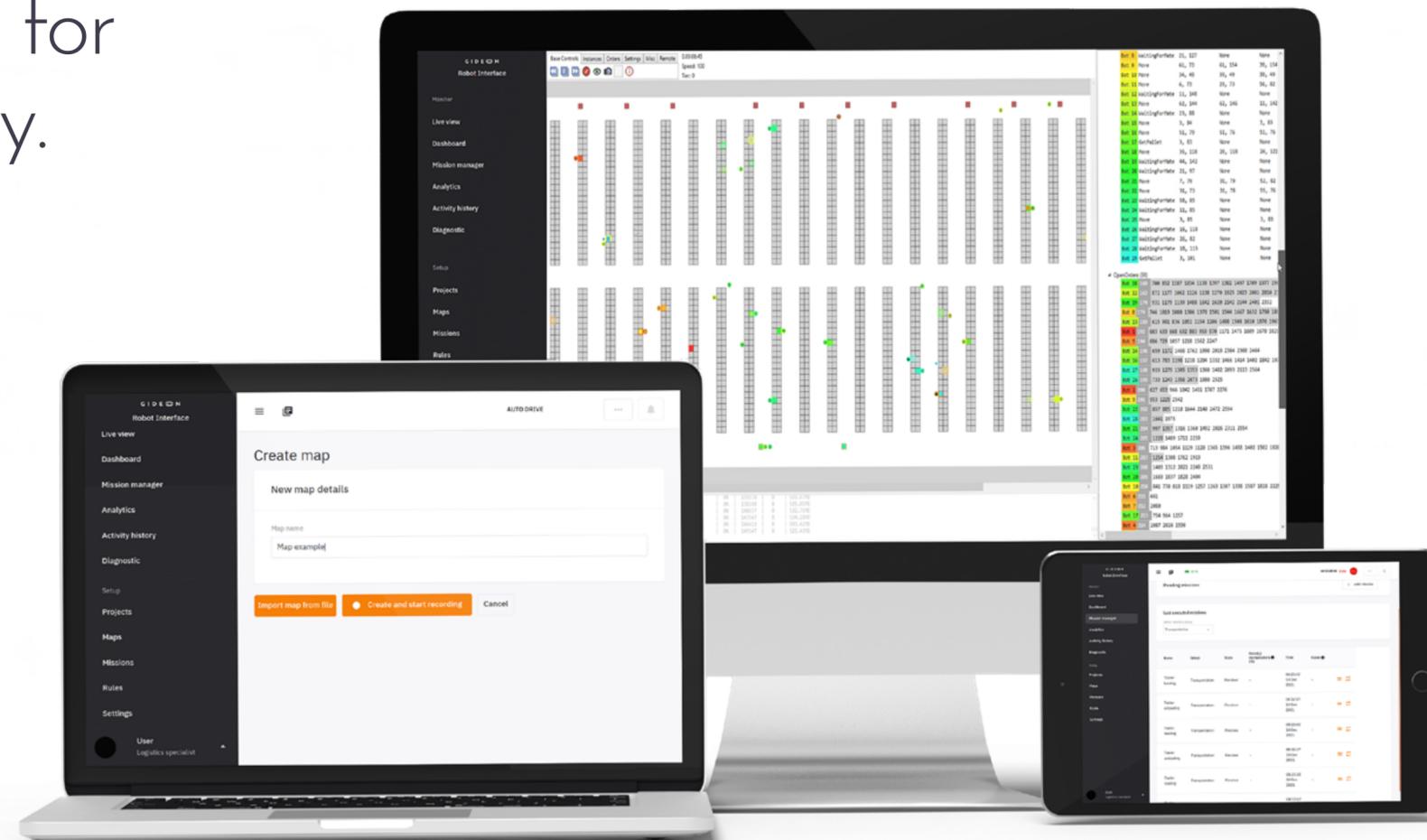
Optimize the workflow of people and robots for maximum productivity.

Control & track the order fulfillment process & fleet.

Manage multiple case picking operations - per order type and peak (zone picking, AMR queuing).

Optimize task assignments for robots and pickers.

Monitor order execution of a robot fleet in real time, on a browser-based interface - easy to use on any device.



INTEGRATIONS

Easily integrate with 3rd party systems thanks to open API.

- Warehouse Management Systems
- Automatic doors
- Smart devices
 - Wrist band computers
 - Barcode scanners
 - Pick-to-voice devices
 - Handheld scanners



UNCOMPROMISED SAFETY

Augmented by **Gideon's autonomy stack.**

Safety standards compliance:

EU: 2006/42/EC Machinery Directive
ISO 3691-4:2020



WHY AUTOMATE WITH CASEY?

Packed with benefits for your business and your people.



Relieve labor shortage pressure

Eliminate inefficient workflows such as waiting or in-aisle walking, and let your pickers focus on what they do best: picking.



Improve picking rate and accuracy

Optimize the workflows of **people and robots** for a better and more accurate fulfillment process.



Reduce incidents and damages

Rely on **safety beyond industry standards** for improved workplace safety and reduced injury-related costs.



Improve your bottom line

Lower operation and labor costs. Eliminate costs related to goods and equipment damage.



Increase throughput

Boost your order fulfillment capacity with a Casey fleet and provide faster and better service to your customers.



Simplify at scale

Easy to deploy, use, and scale with minimal impact on your existing infrastructure and workflows.



ABOUT US

We build flexible, autonomous material handling solutions that automate even the **most complex** warehouse and manufacturing **material handling operations**.

Our **autonomous mobile robots** are powered by proprietary spatial AI and 3D vision technology, enabling businesses to **automate and orchestrate workflows** of humans, robots, and other equipment, supported by real-time data.

