

# 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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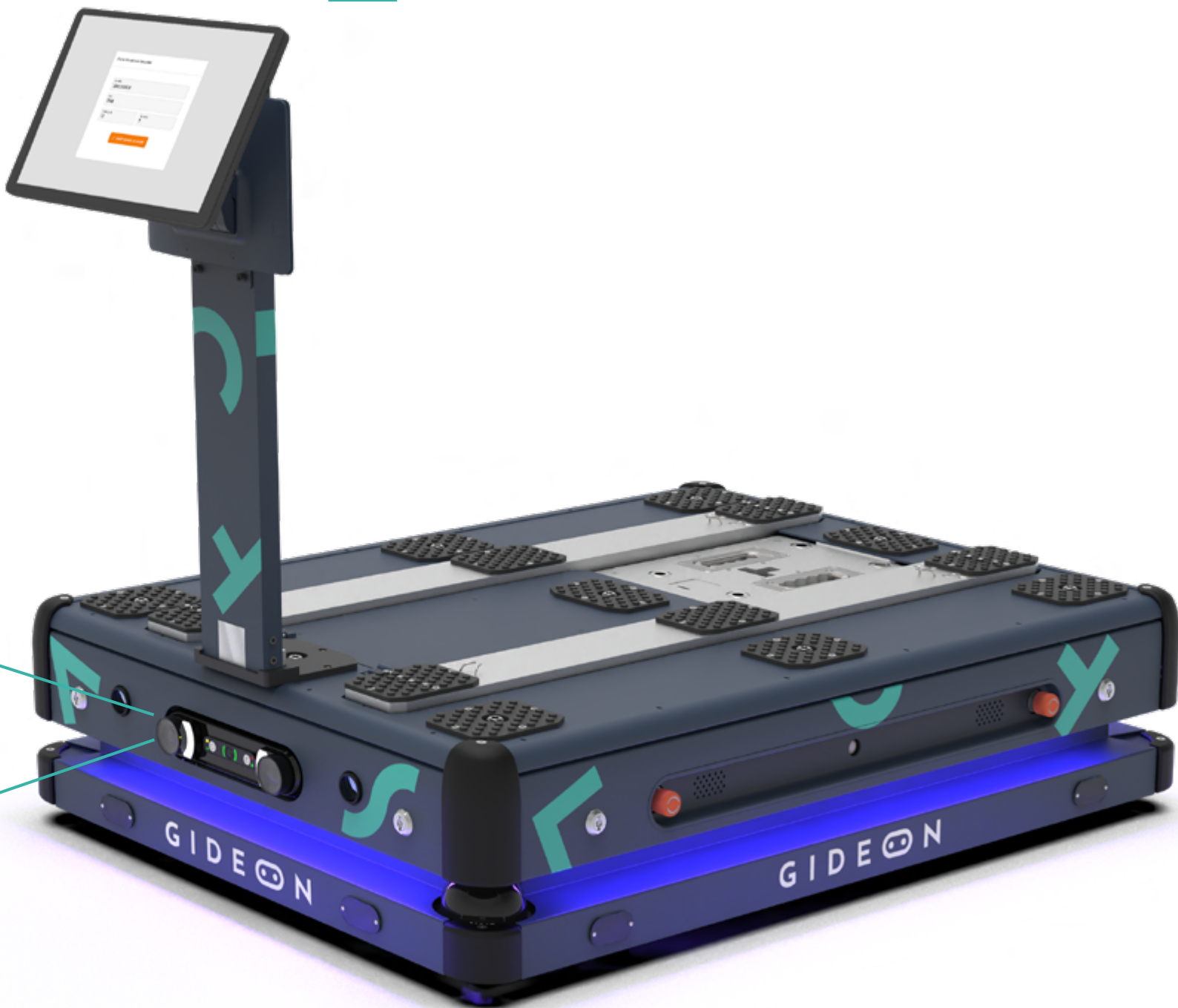
# CASEY'S ANATOMY

Meet the technology behind autonomous and optimized case picking.

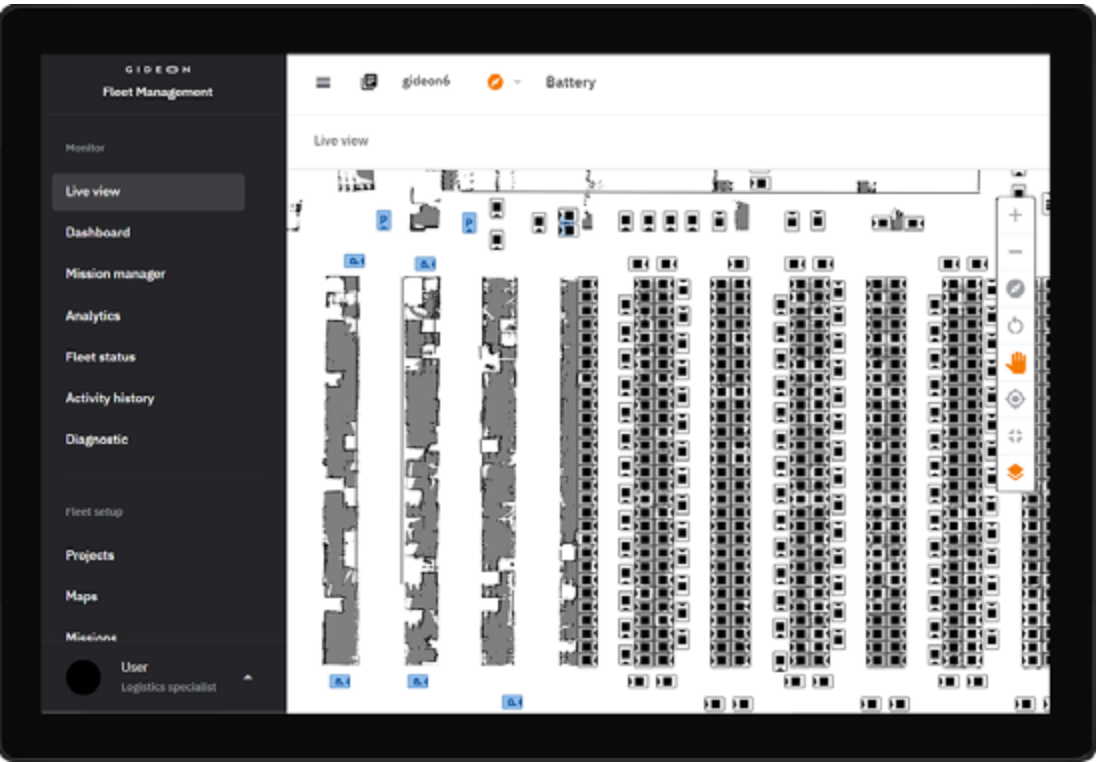
Gideon Autonomy  
powered by AI & 3D vision.



Robust, collaborative AMR  
with picker application.



Optimization and fleet management software.

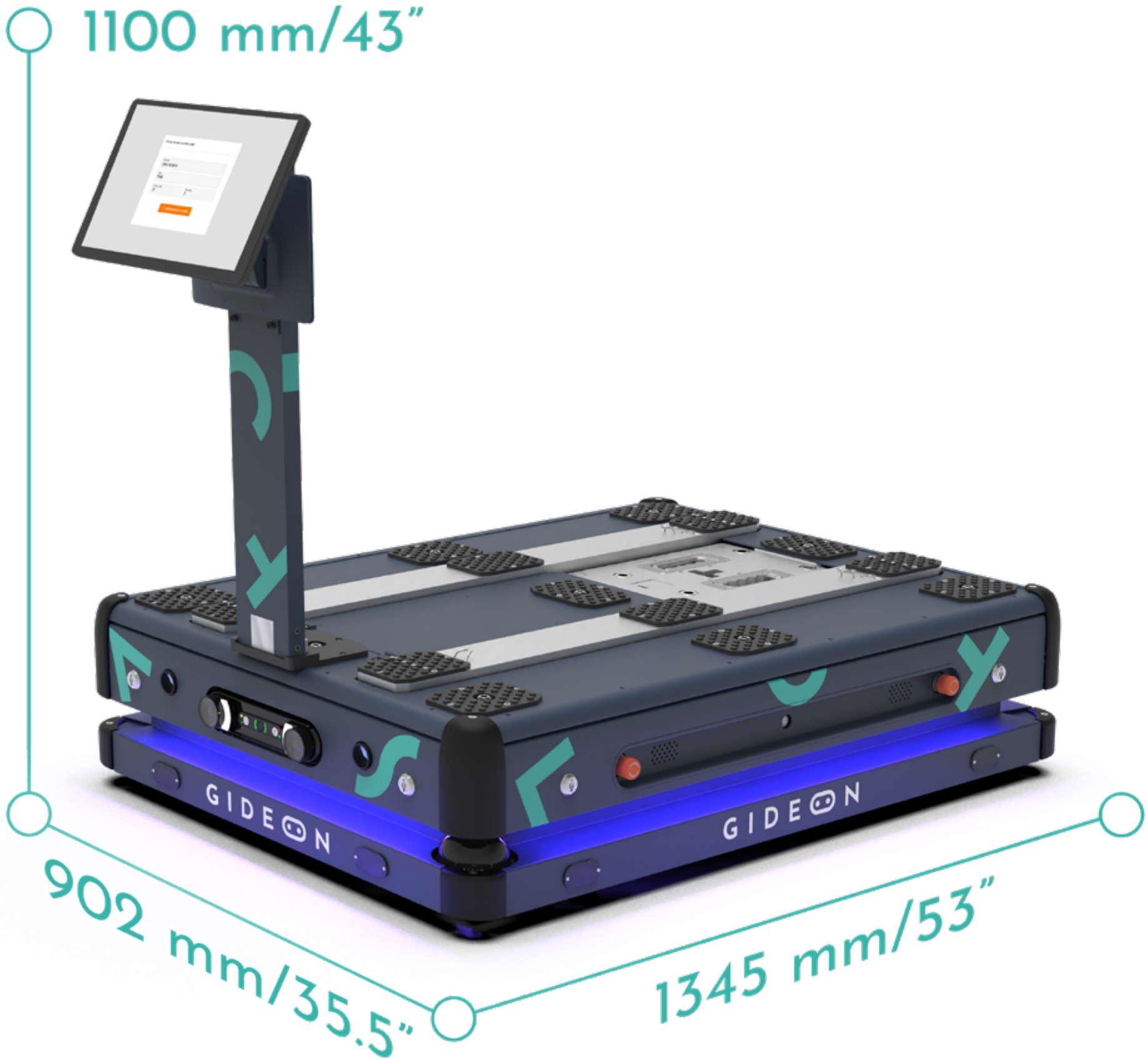


# COLLABORATIVE AMR

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

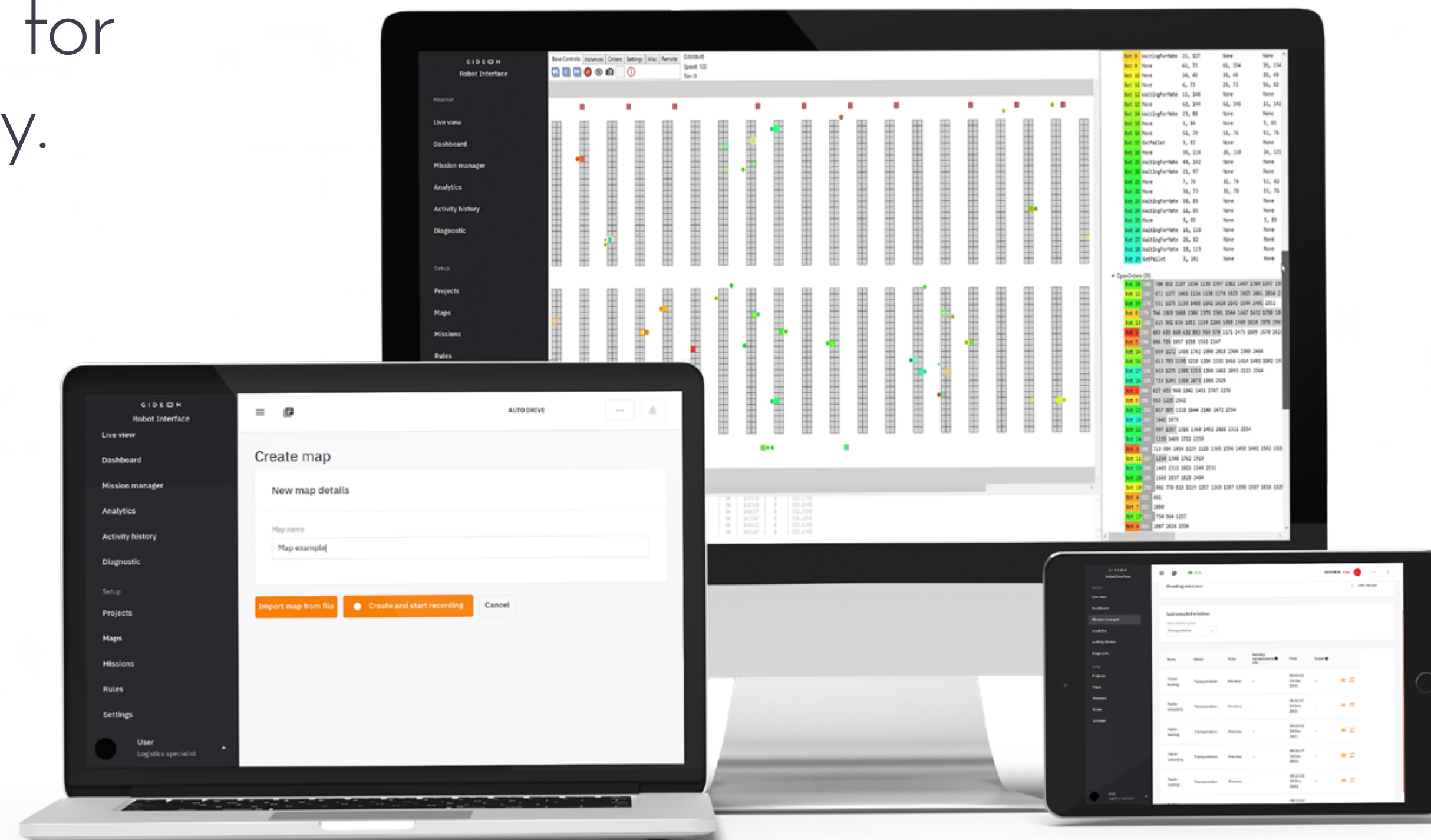
Optimize the workflow of people and robots for maximum productivity.

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



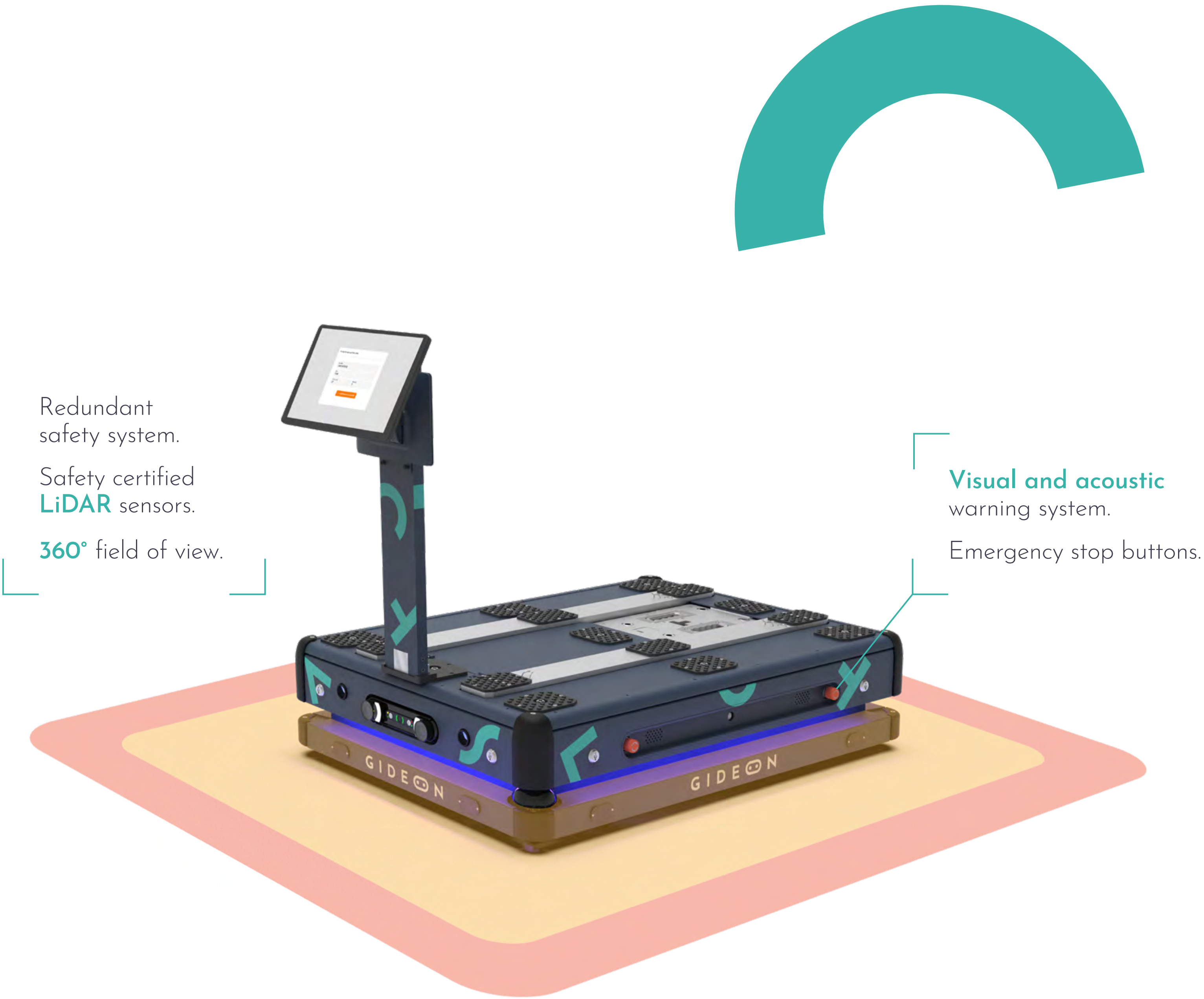


# UNCOMPROMISED SAFETY

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

Safety standards compliance:

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



Redundant  
safety system.

Safety certified  
**LiDAR** sensors.

**360°** field of view.

**Visual and acoustic**  
warning system.

Emergency stop buttons.



# 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.



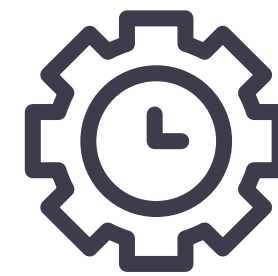
## Improve picking rate and accuracy

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.

