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Inteligência Artificial na Supply chain

GS1 - Conferencia de Supply Chain da GS1

IAPMEI

June the 18th, 2026



Portugal

ABOUT ZETES



Zetes has been leading supply chain transformation for 40 years.
Our operations span the globe and we are trusted by 80% of the top 500 supply chain companies.

OUR COLLABORATIVE SUPPLY CHAIN SUITE



UNLOCKING LABOR PRODUCTIVITY & HIGHER PERFORMANCE POTENTIAL

Productive, visible and
connected **Workers** and
Inventory



Process
Efficiency
&
Accuracy



Collaborative
Technologies for
efficiency

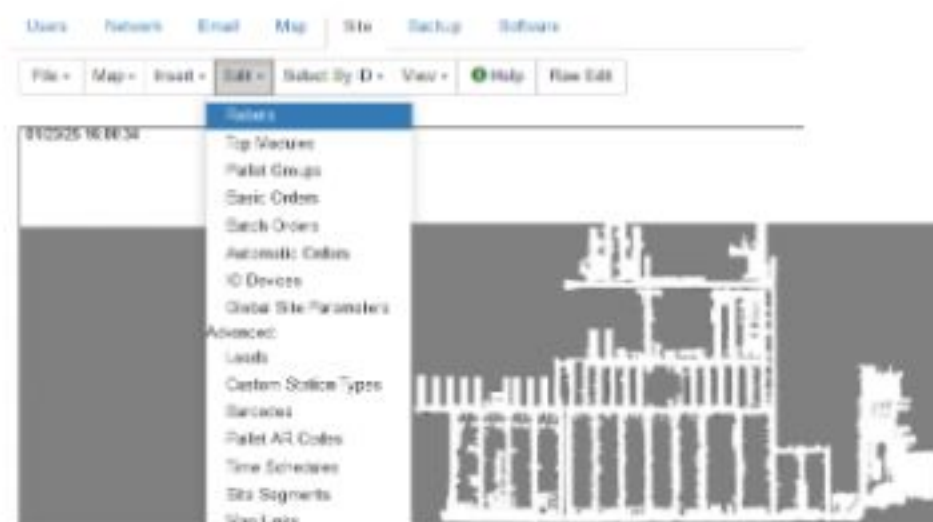




IA @ROBOT

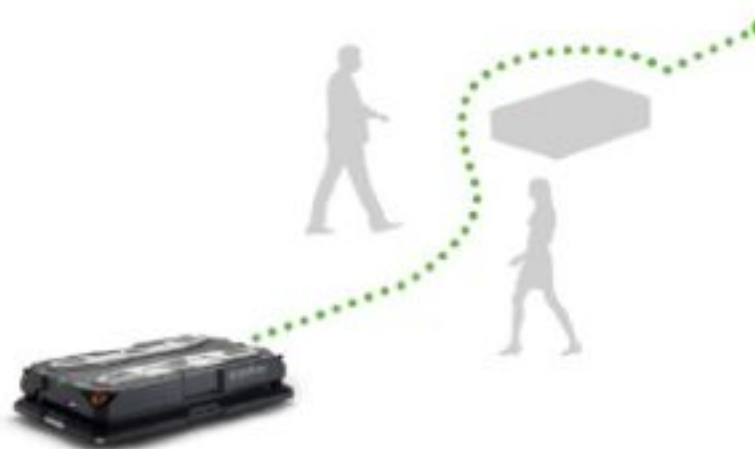
Mapping

- AMR produced;
- High precision;
- Centrally managed;
- Outstanding events;



Navigation

- Safe around people;
- Autonomous Navigation;
- Centralized monitoring;
- Adaptive motion;
- Emergency modes;



Safety

- Not to hit anything while driving
- People nearby are safe.
- User accessible emergency;
- Bumper fall back;
- Light feedback;
- Sound feedback;







Order Fulfilment with AMR Assisted Dynamic Zone Picking

Traditional Picking



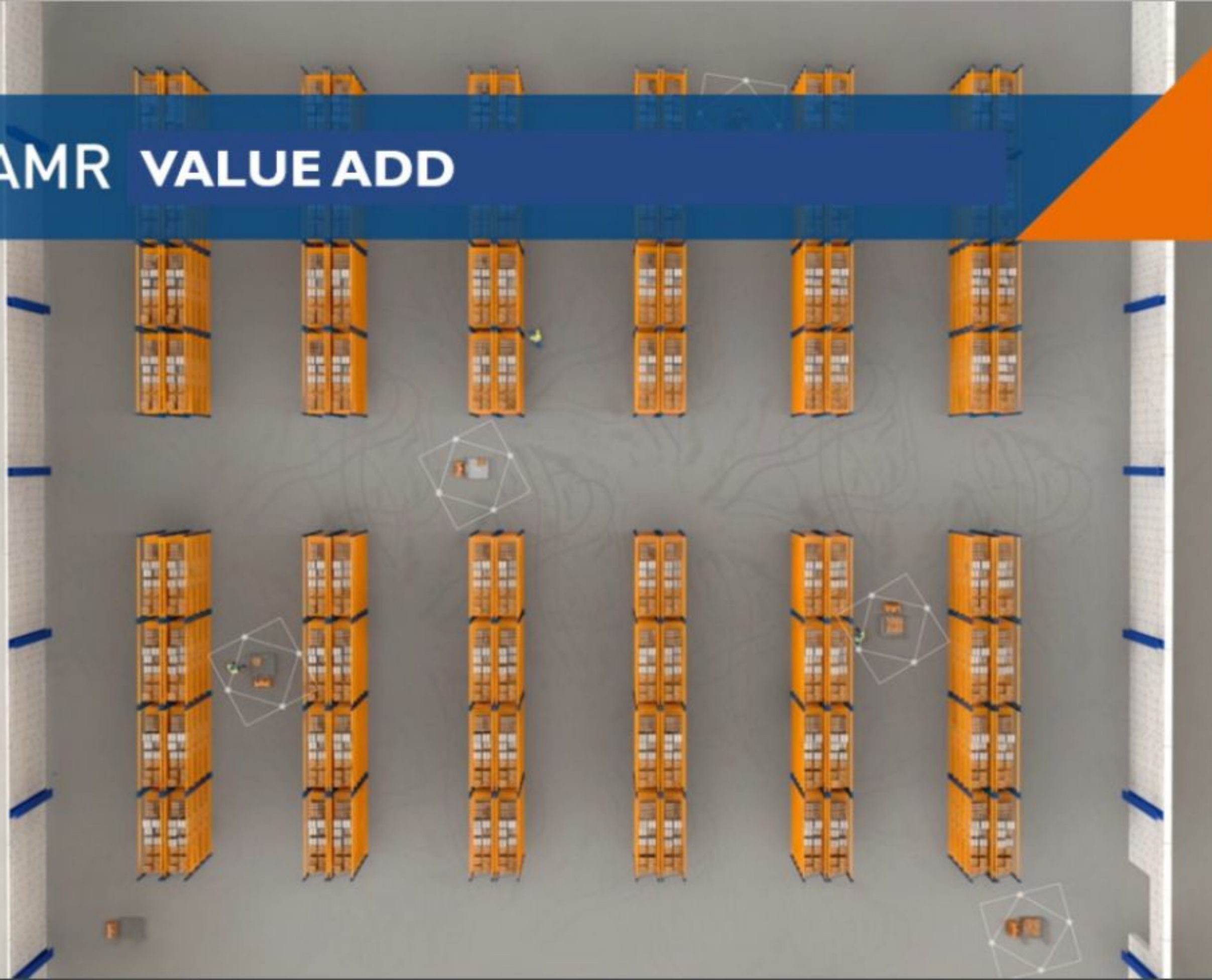
AMR Assisted Picking



AMR Assisted Dynamic Zone Picking



AMR VALUE ADD



Dynamic Zoning

DYNAMIC ZONE PICKING

EVERY NEW TASK MOVEMENT IS SUBJECT TO AN OPTIMAL EFFICIENCY CALCULATION AT POINT, OR IN ADVANCE OF REQUEST.

DEFINITION



DYNAMIC

Continuous change or recalculation



ZONES

A divided work area where a task(s) takes place



PICKING

A digital & physical movement of SKUs from storage position to outbound roll cage/pallet



METRICS

Work Pool Depth & Batching

Deployed Colleagues

Task Type (Bulk or Single)

Colleague Travel (Unladen)

Time To Complete Task (Hit / Cube / Weight)

Robot Availability / Travel

Warehouse Highway Code

QUESTIONS?

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