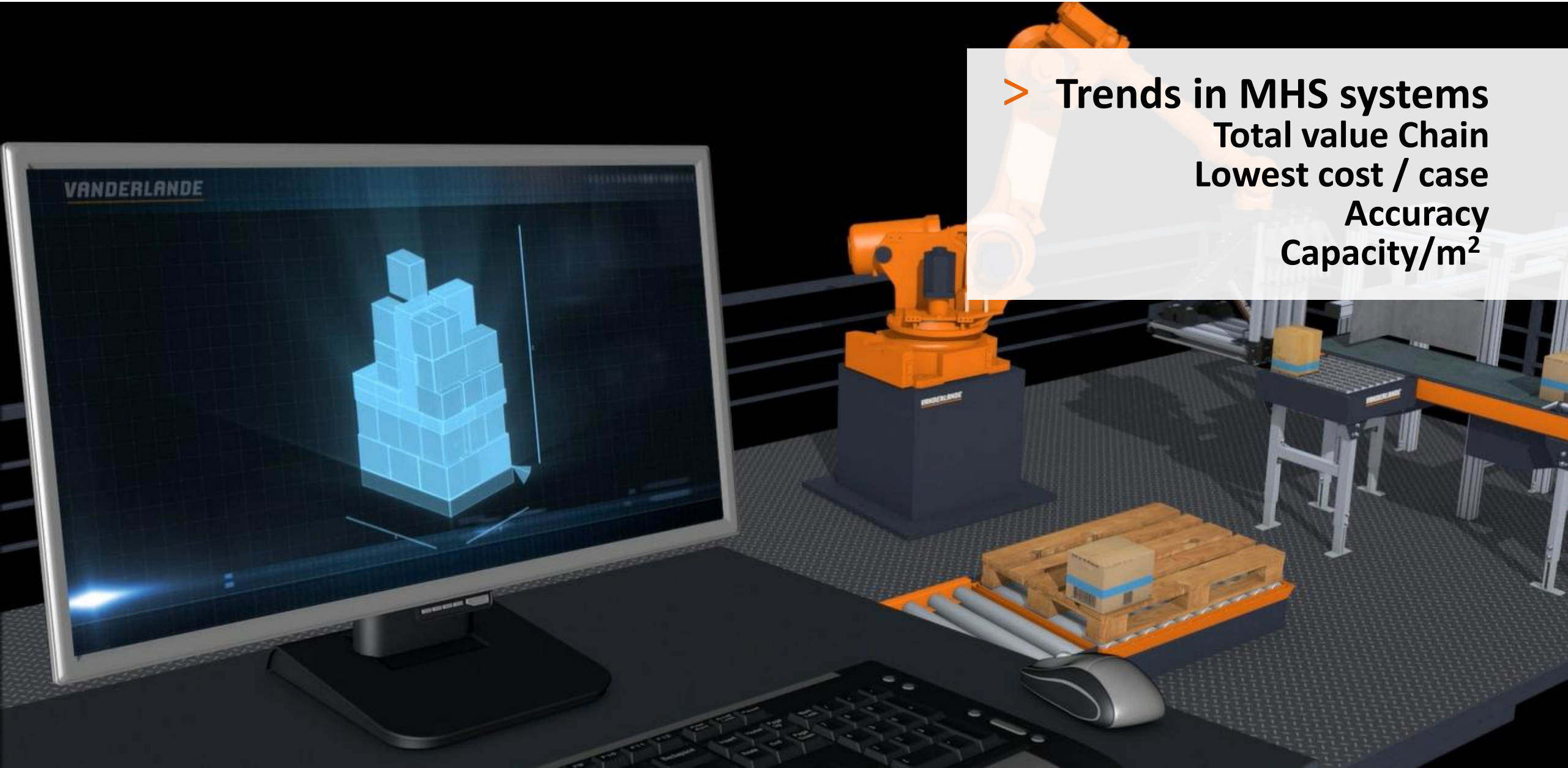
LEADING SUPPLIER OF AUTOMATED MATERIAL HANDLING SYSTEMS

> **Independent and 65 years**
> **Order Intake EUR 959 m**
> **3000 employees**

VANDERLANDE

> Customers in 105 countries
offices in 17

VANDERLANDE



> Trends in MHS systems

Total value Chain

Lowest cost / case

Accuracy

Capacity/m²

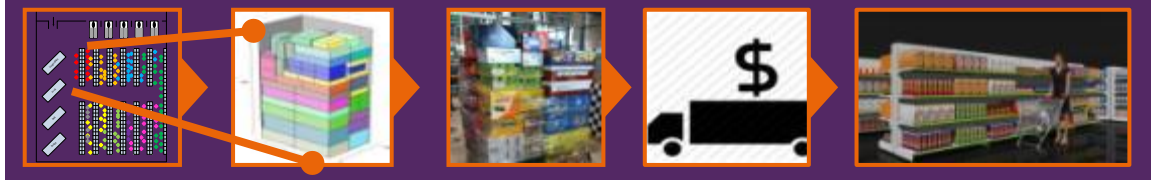
Automated case picking

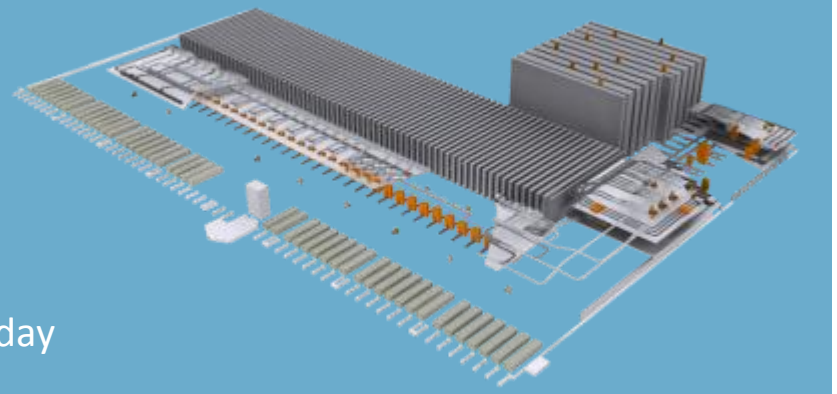
From mechanization to value chain optimization

- > Total DC process orientation
- > Store-friendly delivery and multiple store formats and lowest cost per case
- > Fully robotic and flexible

Reduction in cost from producer to store

- > Reduced transportation cost
- > More store-friendly
- > Reduced order leadtime
- > Accuracy
- > Capacity/m^2





15,000 SKUs
800,000 cases/day

6 installations

>>

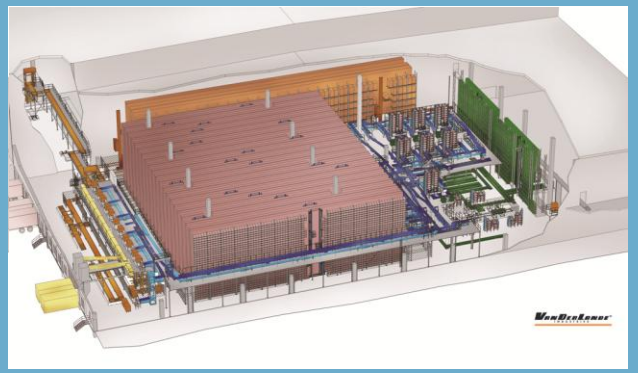
Goods-to-Man system, CPS

The most innovative solutions

> Productivity increase of up to 900 order lines/hour
> Scalable and flexible through ADAPTO
> Short order leadtime
> SKU range and store size independent
> Ergonomically optimized

Slow-mover
family groups

Up to 100,000 SKUs
5,000 cases/hour



Over 50 installations

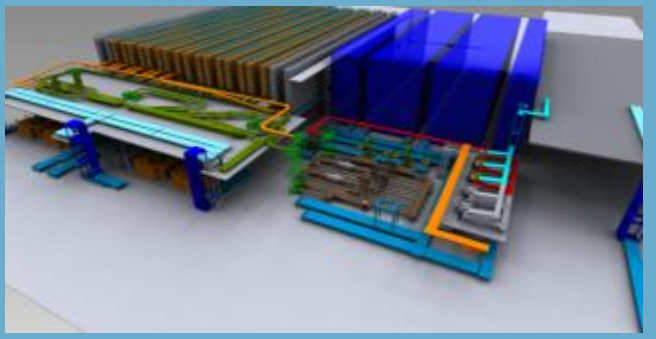
Automated tote picking, ATP

The most cost-effective solutions

- 100% robotic tote picking
- Store-friendly delivery
- Productivity increase of up to 900 order lines/hour for broken tote picking

1,200 tons meat/week

Super-fast movers
300 SKUs
330 stores
12,000 totes/hour

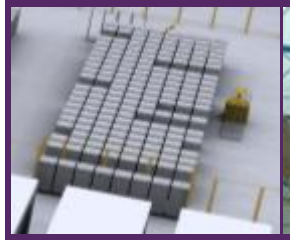


Over 14 installations

Cross docking with sortation, X-Dock

The most simple and robust solutions

- AGV-controlled for full (transit) of pallets / roll cages
- Inbound manual sorting directly to outbound pallets
- Sorter solution (increased efficiency) with secondary sortation with Voice, PtL or label
- Dynamic x-dock solution (100% sequence outbound), shuttle based



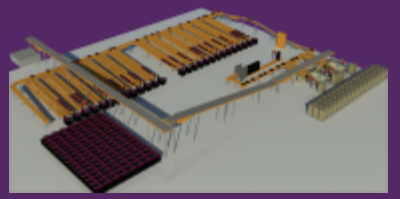
Fresh distribution
F&V, dairy, meat
28,000 cases/hour

>100 installations

E-Business, Customer Order Picking, .COM

Think big, start small, grow fast

- For the fast growing market we have multiple solutions to make your process more efficient, including:
  - Multi-order picking
  - Inbound sortation to ABC classes
  - Outbound order consolidation and sequencing
  - Goods-to-Man at each picking



Fresh distribution
F&V, dairy, meat
28,000 cases/hour

4 installations

> De-palletising

> Teach in

> Shuttle based storage

> Palletising

> Wrapping & Marshalling

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