



ek·robotics

A NEURA BRAND

AT A GLANCE

INFINITE COLORS OF TRANSPORT

CONTENT

- 01** THE NEURA GROUP
- 02** ABOUT NEURA MOBILE ROBOTS
- 03** PRODUCT PORTFOLIO
- 04** TECHNOLOGY
- 05** SERVICES



THE NEURA GROUP
Bringing AI to life

01

NEURA

ROBOTICS

NEURA

AUTOMATION

Automation solutions & parts handling



NEURA

ELECTRONICS

Electronics & sensor production



NEURA

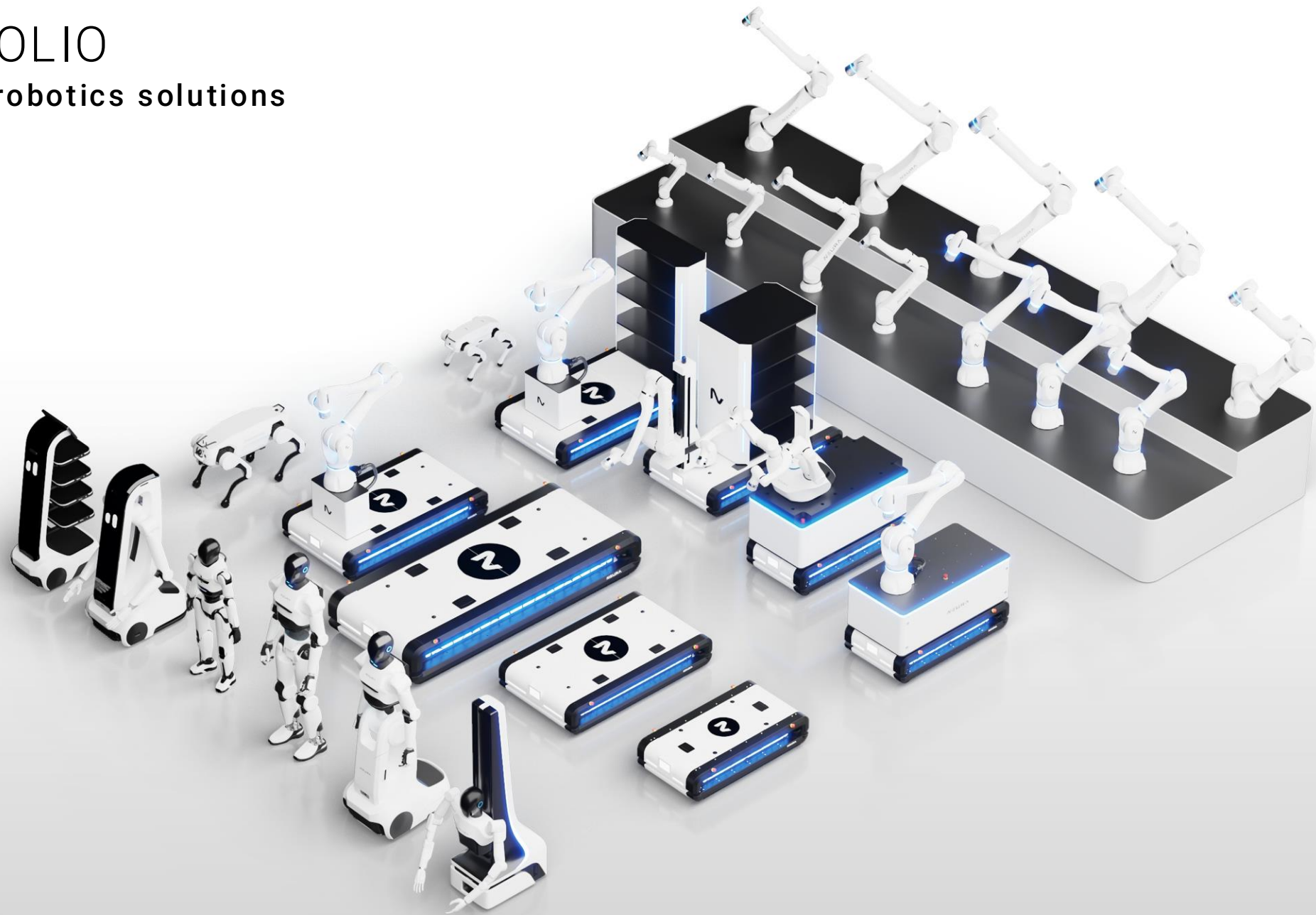
MOBILE ROBOTS

Automated intralogistics



PORTFOLIO

Cognitive robotics solutions



AI IN MOTION

Across all areas of application

LARA



MAIRA



MAV+



MiPA



4NE1



USP	Low Cost	Cognitive & easy use	Mobile heavy-duty platform	Safe personal assistant	Flexible & versatile
Purpose	Industrial	Industrial	Logistics / Industrial	Service / Home / Care	All
Handling	Tablet	Voice, Gesture, Touch	Tablet, Voice, Gesture	Voice, Gesture	Voice, Gesture
Payload	3 – 30 kg	9 – 18 kg	500 – 1,000 kg	10 kg	10 – 100 kg
Reach	590 – 1,800 mm	1,100 – 1,600 mm	mobile	mobile	mobile
Cognitive	with add-on	✓	✓	✓	✓

Already in the market with NEURA's partners

ABOUT NEURA MOBILE ROBOTS
Powerful solutions from ek robotics – a NEURA brand

2022

THIS IS US

NEURA Mobile Robots in a Nutshell

KNOW HOW
SINCE **1963**

MORE THAN
300 EMPLOYEES

MORE THAN
6,800 SQM
PRODUCTION AREA

CERTIFIED



AWARDED



5 LOCATIONS

DE
Hamburg
Reutlingen
IT
Milan
UK
Buckingham
CZ
Prague



■ Installed Systems
■ Distribution / Service Partner

100% ★★★★★ EXPERTISE IN ANY INDUSTRIE

- Mechanical Engineering
- Aviation
- Plastics + Packaging
- Wood + Furniture
- Hospitals
- Textile
- Chemistry + Pharma
- Automotive
- Printing + Paper
- Consumer Goods
- Logistics + Transport
- Food & Beverage

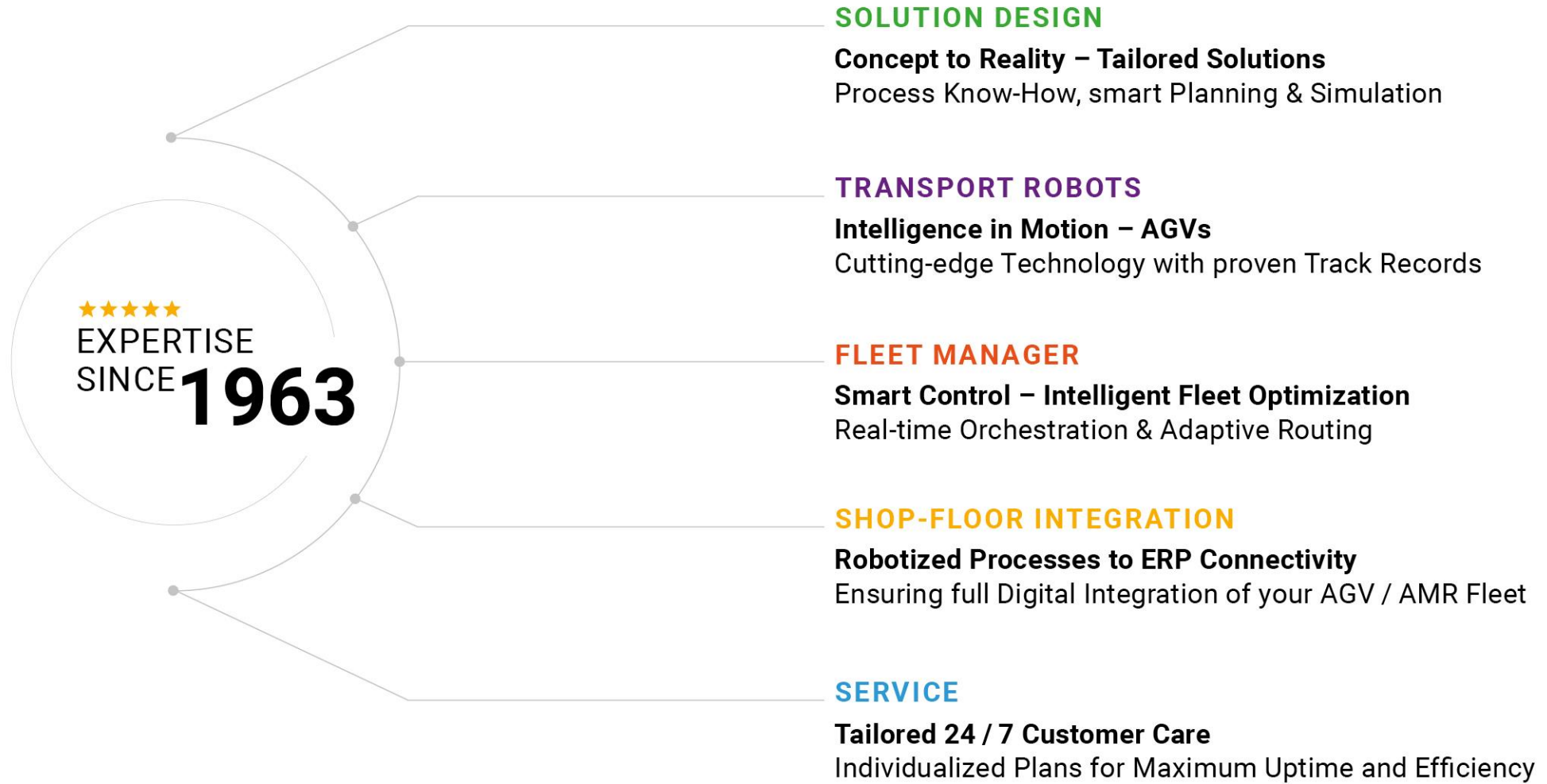
12,000
TRANSPORT ROBOTS
DELIVERED

1,500
SYSTEMS INSTALLED

400+
ACTIVE PLANTS

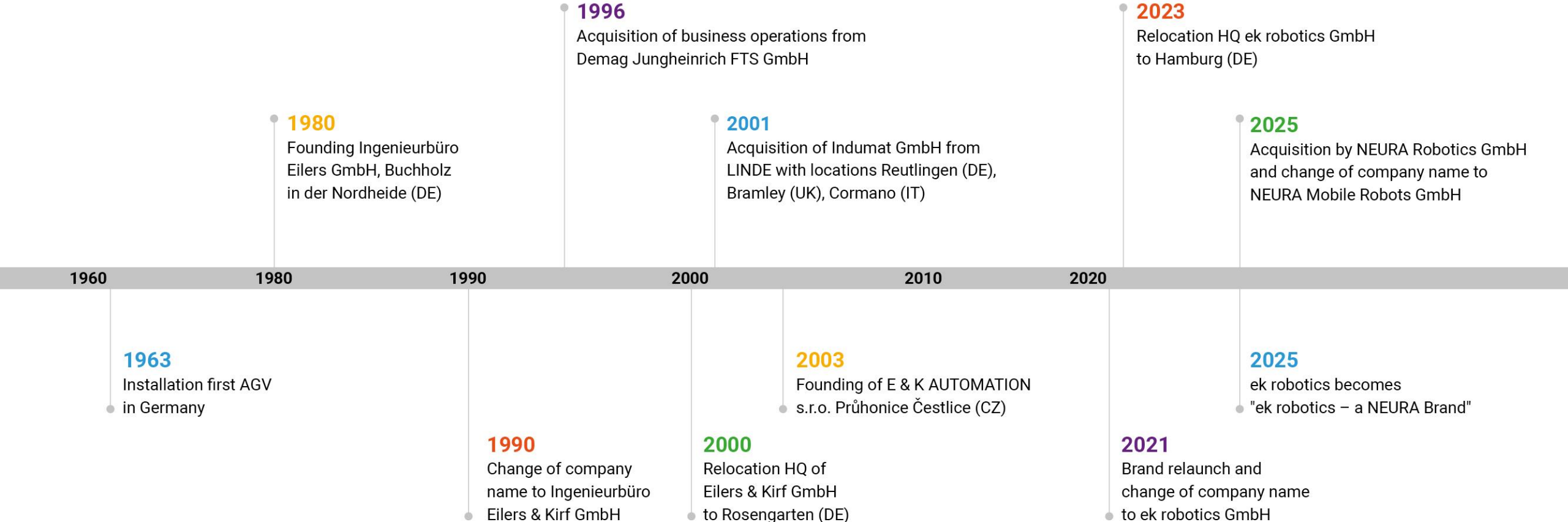
EVERYTHING FROM A SINGLE SOURCE

Decades of Expertise, proven Reliability



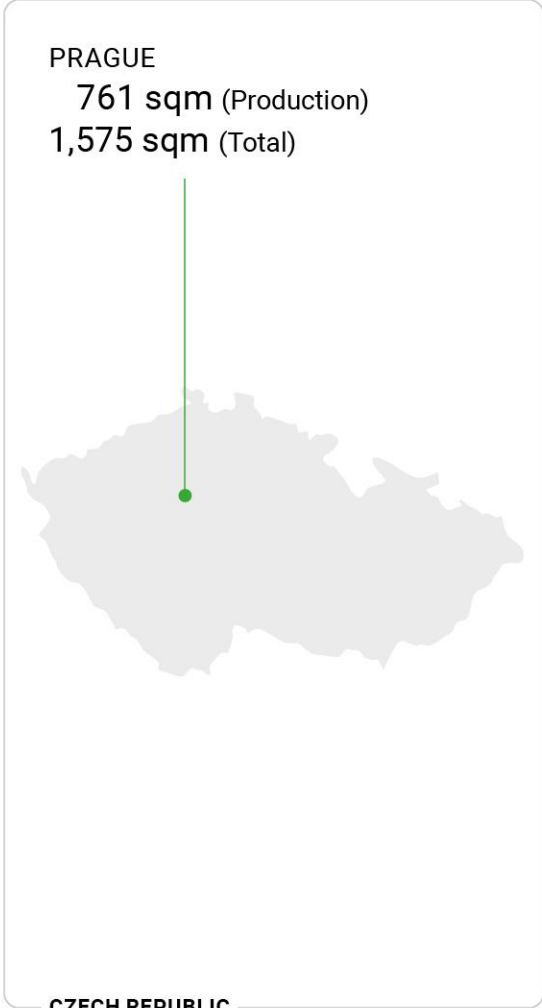
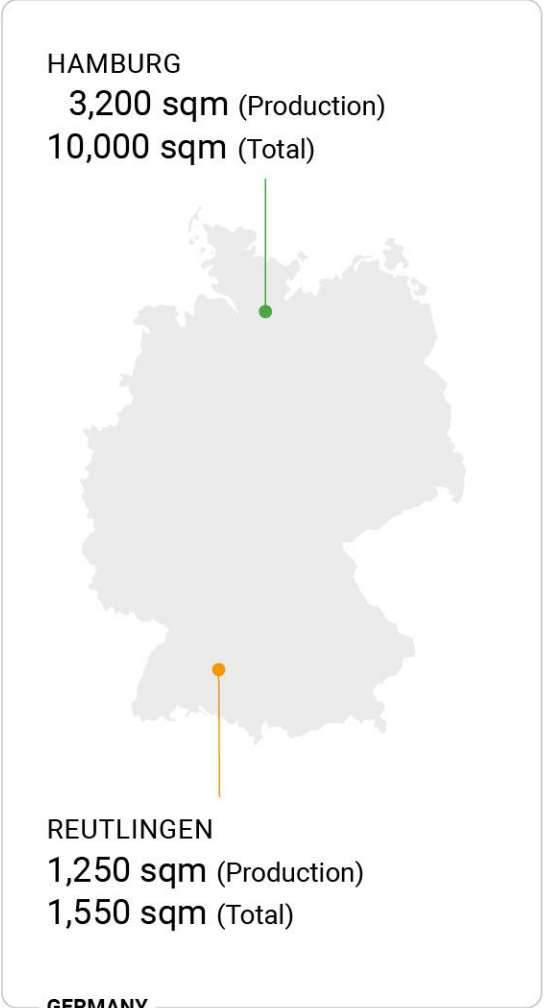
OUR HISTORY

Corporate Development since 1963



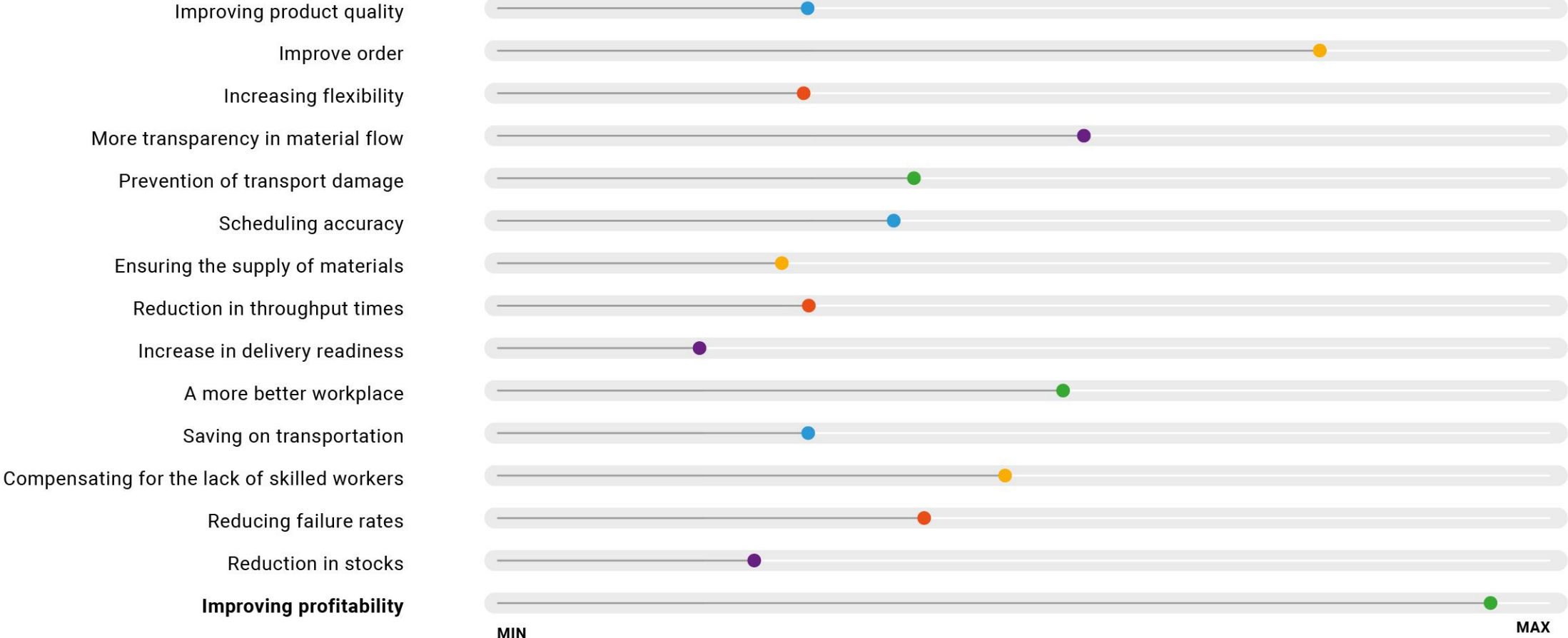
OUR LOCATIONS

Germany, Italy, United Kingdom, Czech Republic





























































OUR VALUE PROPOSITION

Your benefits at a Glance



Optimally timed material flow, improved occupational safety and a reduction in operating costs: with our AGVs, you can achieve sustainable efficiency and contribute to securing your location in the long term.



PHARMA									B BRAUN	
	FOOD									
					PLASTICS & PACKAGING	ALPLA				
			<p>CUSTOMERS We transport your Industry into the Future</p>			<p>BEVERAGES</p>				
										
		AUTOMOTIVE								
				FIAT		PRINT & PAPER				
					WHITE GOODS					

PRODUCT PORTFOLIO
Our Mobile Robots

03





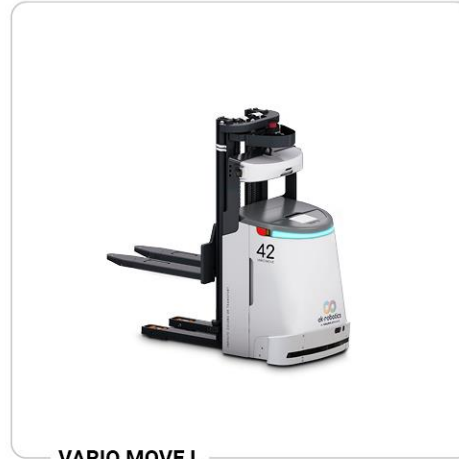
VARIO MOVE
New Standards in Transport Robotics

VARIO MOVE

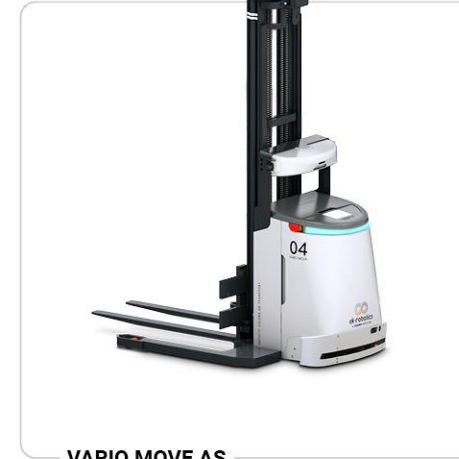
New Standards in Transport Robotics

FEATURES

- Safe load transfer at heights of up to 5.2 m
- Maintenance-free Li-Ion battery system for 24/7 operation
- Hybrid navigation suitable for all application areas
- Low operating costs through extended service intervals and reduced service times
- High flexibility thanks to modular vehicle design
- Travel speed of up to 2 m/s
- Fast amortization through low process costs
- High payload capacity of up to 1,600 kg
- Sustainable thanks to longer lifecycle (compared to standard vehicles)
- 360° all-round visibility / safety protection



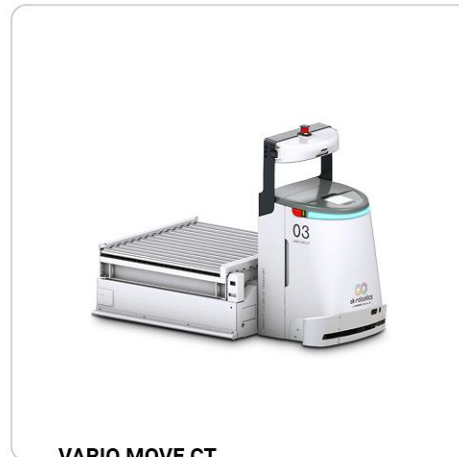
VARIO MOVE L



VARIO MOVE AS



VARIO MOVE CB



VARIO MOVE CT



VARIO MOVE CTO





X MOVE
Reliable Transport Platform

X MOVE

Reliable Transport Platform

FEATURES

- Robust vehicle design
- Li-Ion battery system for 24/7 operation
- Compatible with various load handling devices
- Hybrid navigation via contour and/or reflectors
- Low operating costs due to long service intervals
- High flexibility thanks to modular design
- Travel speed of up to 1.7 m/s
- Fast amortization through low process costs
- High payload capacity: 600 or 1,200 kg
- Sustainable thanks to long lifecycle
- Maximum availability through uncompromising quality standards



X MOVE 600



X MOVE 1200



OUT MOVE

Transport Solution for combined Indoor and Outdoor Operation

OUT MOVE

Transport Solution for combined Indoor and Outdoor Operation

FEATURES

- Suitable for indoor and outdoor operation
- Maintenance-free Li-Ion battery system for 24/7 operation
- Load handling via roller or chain conveyor
- Hybrid navigation and additional obstacle detection through laser scanners
- Maximum flexibility with customizable interior configuration and special functions
- Weatherproof design for all conditions and seasons
- Fast amortization through low process costs
- High payload capacity of up to 16,000 kg
- Maximum safety through optical or tactile personnel protection systems
- Approved for mixed-traffic operation on industrial sites





VNA MOVE
For particularly Narrow Aisles

VNA MOVE

For particularly Narrow Aisles

FEATURES

- Maintenance-free Li-Ion battery system for 24/7 operation
- Maximum flexibility and configurable for different aisle widths
- Load transfers at heights of up to 12 m
- High payload capacity of up to 1,500 kg
- Telescopic forks for fast load cycles
- Swing-reach forks in various configurations
- Laser, reflector, hybrid, or contour navigation outside the aisle
- Inductive or mechanical guidance inside the aisle
- Fast amortization through low process costs
- Optional 3D load detection



VNA MOVE 1350



VNA MOVE 1500



CUSTOM MOVE

Combines the top Disciplines in custom Transport Robotics

CUSTOM MOVE

Combines the top Disciplines in custom Transport Robotics

FEATURES

- Beliebig Compatible with a wide range of load handling devices
- Maintenance-free Li-Ion battery system for 24/7 operation
- Hybrid navigation
- Stainless-steel chassis and load handling devices for special hygiene requirements
- High flexibility thanks to modular vehicle design
- Travel speed of up to 2 m/s
- Fast amortization through low process costs
- High payload capacity of up to 35,000 kg
- Sustainable thanks to a longer lifecycle (compared to standard vehicles)
- Custom special functions available, such as load cells or cooling units
- 360° personnel protection for maximum safety



MORE TRANSPORT ROBOTS

Discover our Range of AGV Solutions



COMPACT MOVE



MEDI MOVE



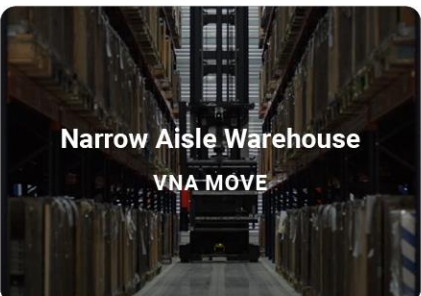
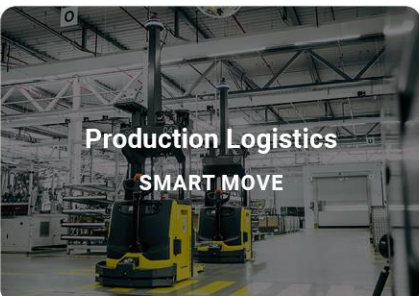
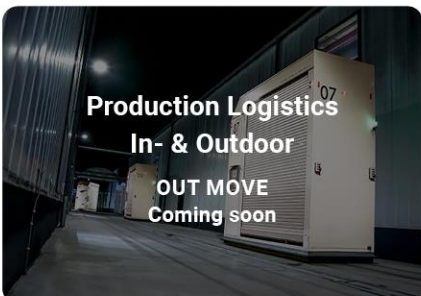
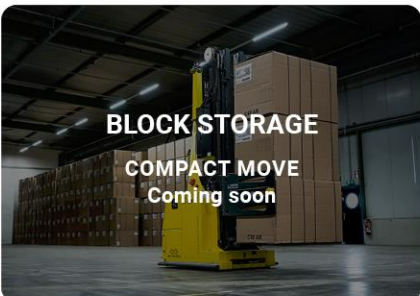
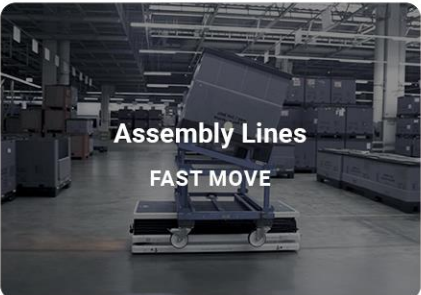
BHL MOVE



HEAVY MOVE

OUR SOLUTIONS IN PRACTICE

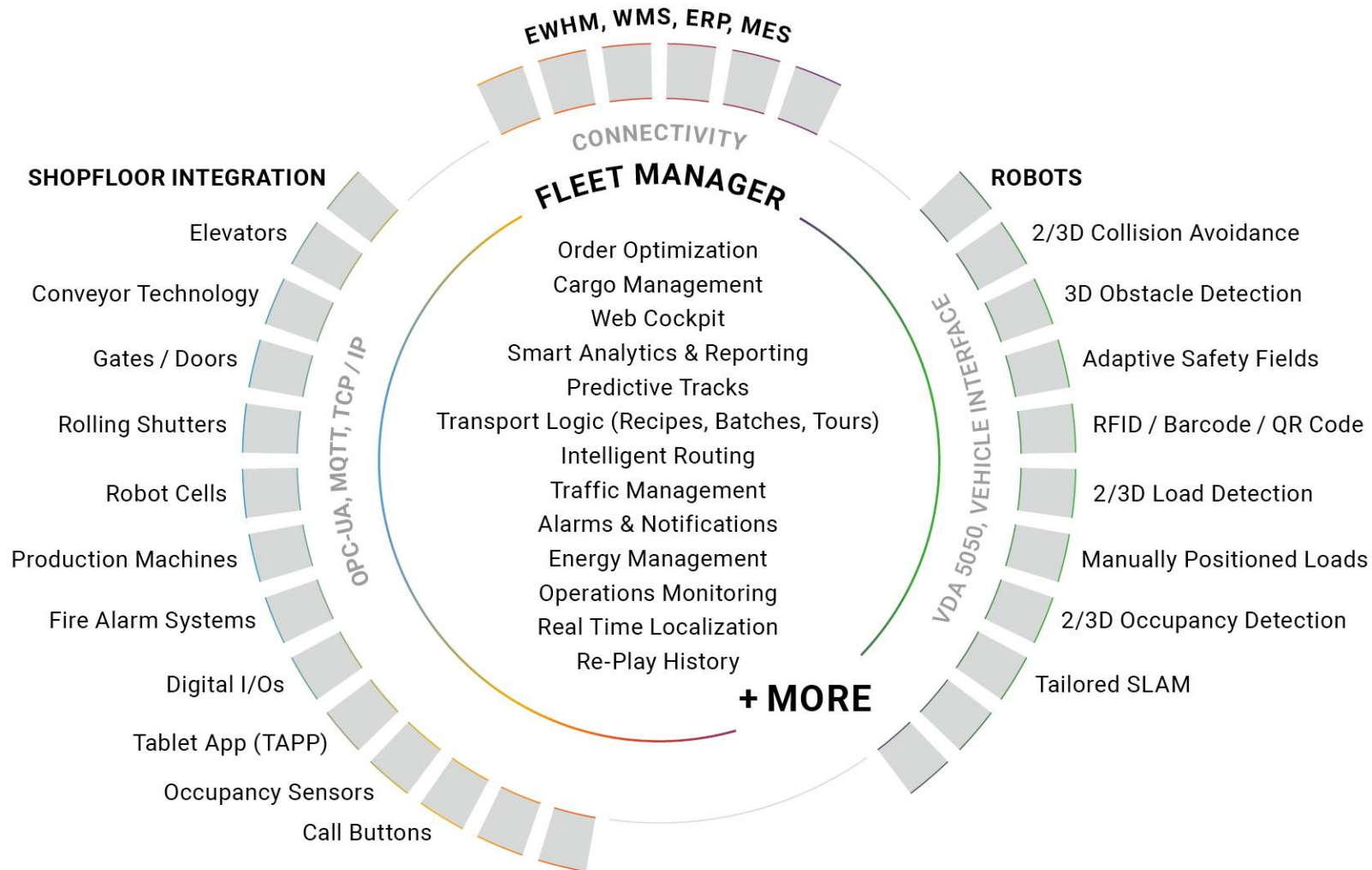
Experience our Vehicles in Action





TECHNOLOGY
Fleet Manager

04



AGV CONTROL SYSTEM

User-friendly and transparent visualization



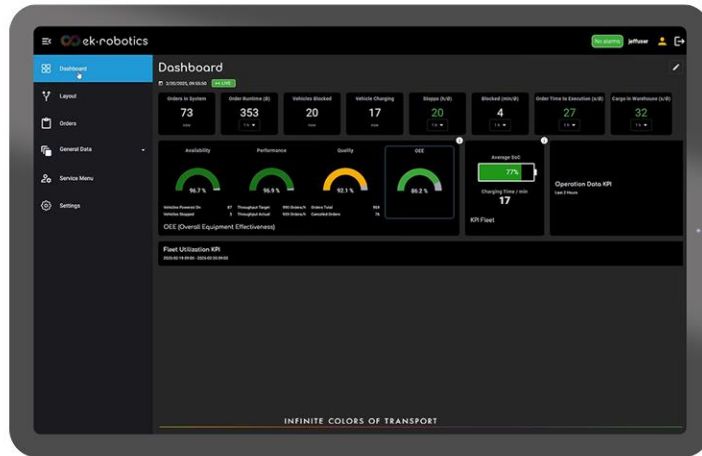
USER-FRIENDLY VISUALIZATION AND FULL SYSTEM TRANSPARENCY

The control system's intuitive visualization provides a clear overview of all relevant operational processes at all times – both in real time and through retrospective analysis.

Through the intuitive web interface, transport orders can be created manually, ongoing transports monitored, and past system states analyzed in detail. The application is platform-independent and can be used on all modern browsers. A key highlight is the History Player: It allows the entire system to be visually traced back up to 14 days – ideal for analyzing process flows or tracking specific events.

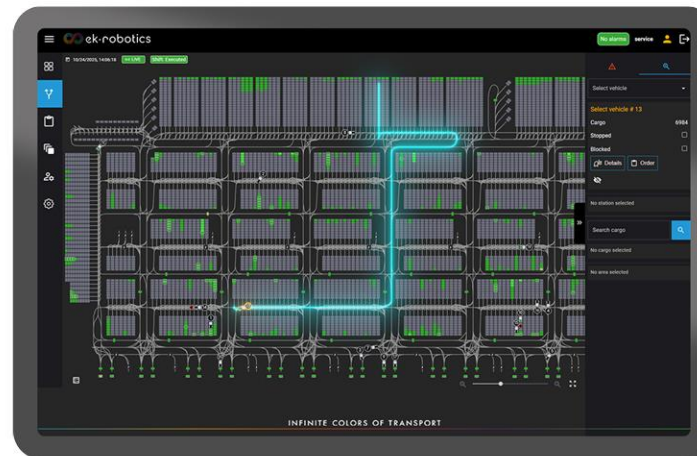
AGV CONTROL SYSTEM

Fleet management with foresight



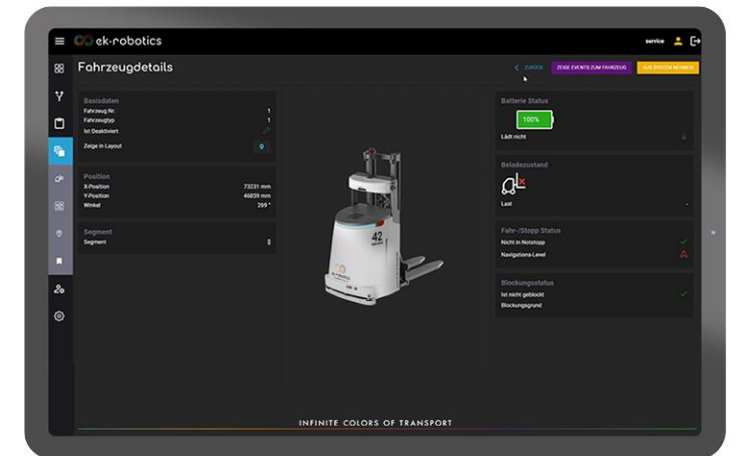
DASHBOARD

The customizable dashboard clearly displays all relevant key performance indicators (KPIs) for your facility. These include Overall Equipment Effectiveness (OEE), usage data for the AGV fleet, and information on the current battery status of individual vehicles.



LIVE OPERATION

In live operation, all relevant information is displayed at a Glance – from the destination station and current vehicle status to the loads being transported. The currently planned route for each vehicle is graphically highlighted directly in the system layout.



VEHICLES – STATIONS – LOADS

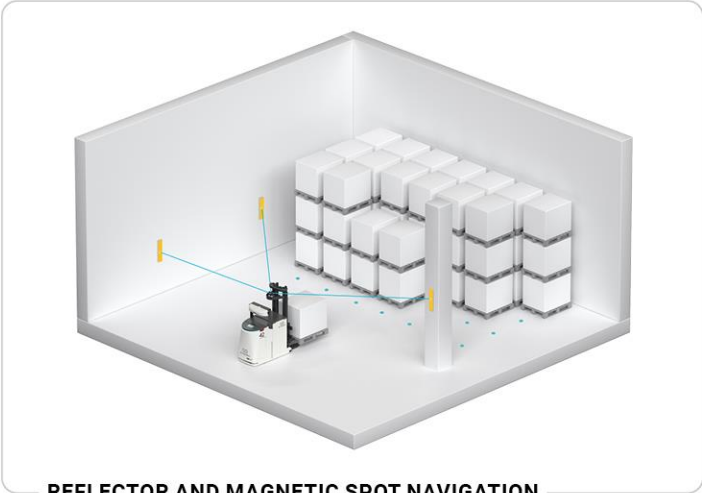
A supplementary tabular overview lists all vehicles with their respective tasks, statuses, and positions in a structured manner. At the same time, all active and planned transport orders, including their statuses, can be easily viewed and evaluated.

NAVIGATION

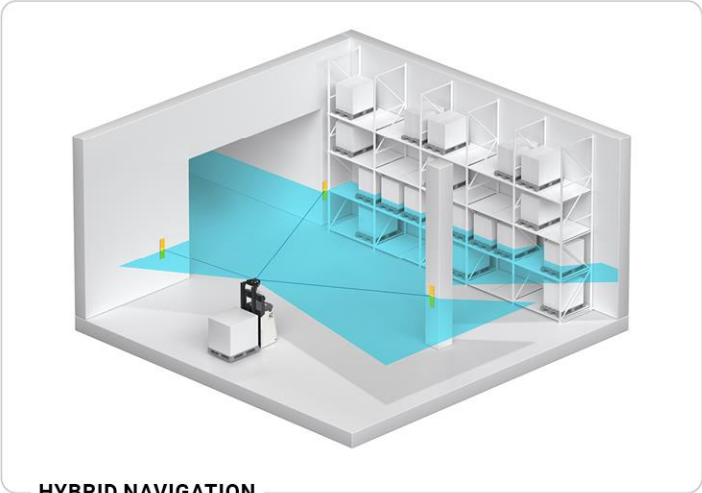
Smart navigation for any environment

SYSTEM 700 (AGV)

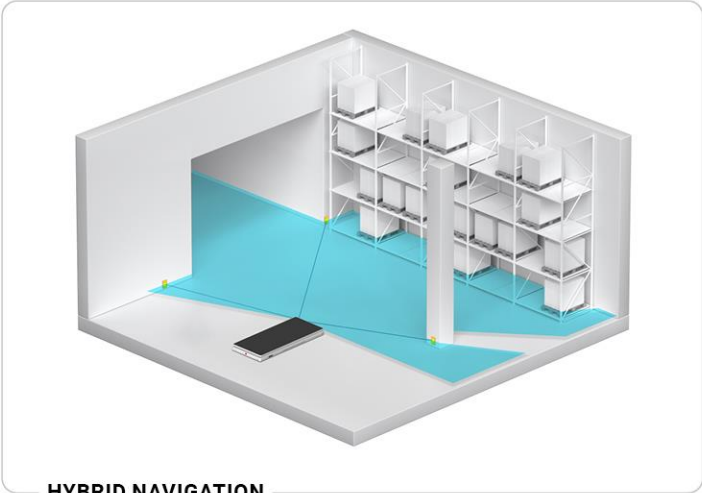
- Reflector
- Contour
- Magnetic Spot
- Hybrid



REFLECTOR AND MAGNETIC SPOT NAVIGATION



HYBRID NAVIGATION



HYBRID NAVIGATION



SERVICES
For individual requirements

05

SIMULATION & POINTCLOUD

Optimal planning & dimensioning of complex intralogistics systems



SIMULATION

With our material flow simulation, we make the potential for process optimization visible for our customers, find customized solutions and implement them in reality.

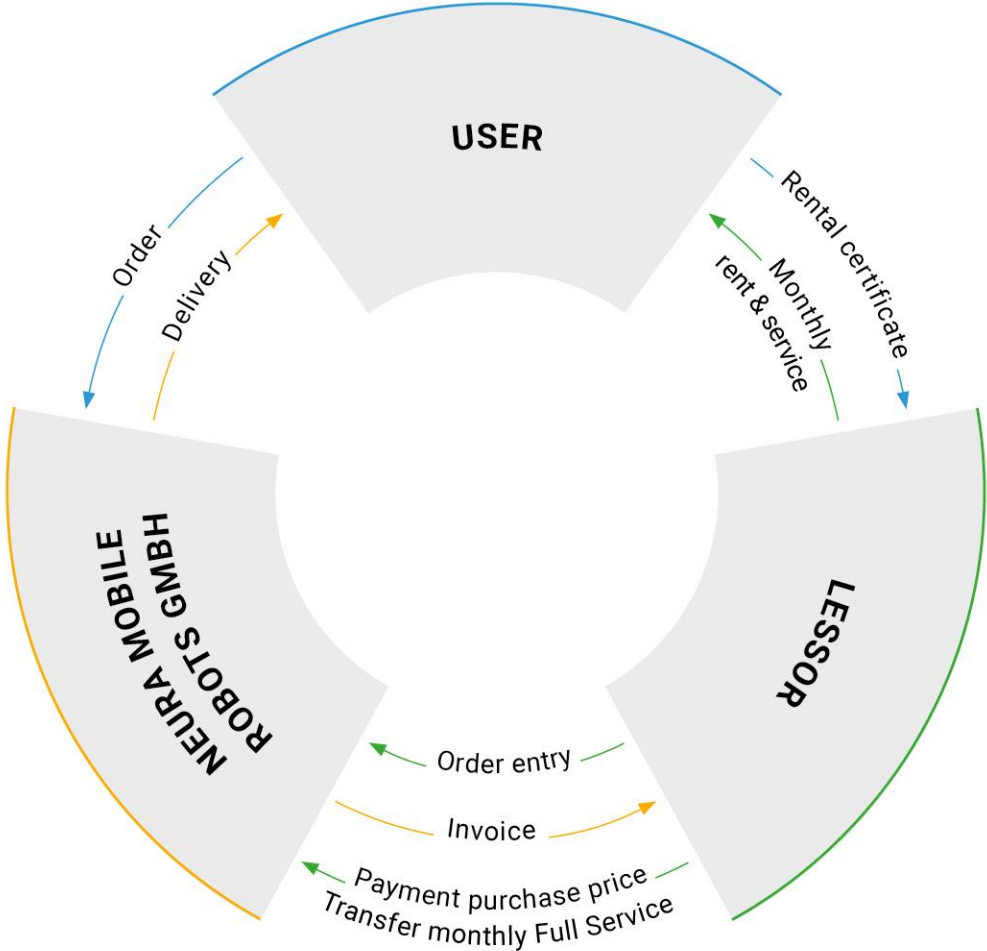
POINTCLOUD

Using the 3D Point Cloud, we create an exact replica of your factory environment to optimize processes, determine the best intralogistics solution, and present it quickly and clearly.

OVERVIEW SIMULATION & POINTCLOUD

FINANCIAL SERVICES

Complete flexibility with AGV leasing



ADVANTAGES OF A LEASING MODEL

- No immediate acquisition costs
- The financing partner bears the residual value risk
- Fixed monthly payments
- All project costs are covered by single payments
- Flexible term
- Option to purchase the residual value



MORE EXPERTISE THROUGH TAILORED TRAINING

Our training programs range from basic seminars to advanced courses that equip you to modify and expand your AGV system independently.

We help you optimize your system and support you as a reliable partner throughout its entire lifecycle.

LEVEL 1 BASICS

For operators and maintenance staff of the system and / or vehicle

- Providing basic knowledge about the system and vehicles
- Provision of training content in the form of online courses
- On-site training of system-specific special functions

Trainer qualification: Commissioning or service technician

LEVEL 2 DEEPDIVE TRAINING & DIAGNOSIS

For operators and maintenance staff of the system and / or vehicle

- Instruction in the interaction of the system components
- In-depth training in the operation of the AGV (system and vehicles)

Trainer qualification: commissioning technician or control system specialist

LEVEL 3 MODIFY

For maintenance staff and development / specialist departments of the system and / or vehicle

- Legal relevance Modifications, knowledge transfer System structure (layout, vehicle and control system)
- Training for independent adaptation of existing layout areas

Trainer qualification: Layout specialist

and / or

LEVEL 3 EXPERT (System Design Training)

For maintenance staff and development / specialist departments of the system and / or vehicle

- Contents of the Modify training plus expansion of the layout to include additional stations / functions

Trainer qualification: Layout, control system & AGV expert

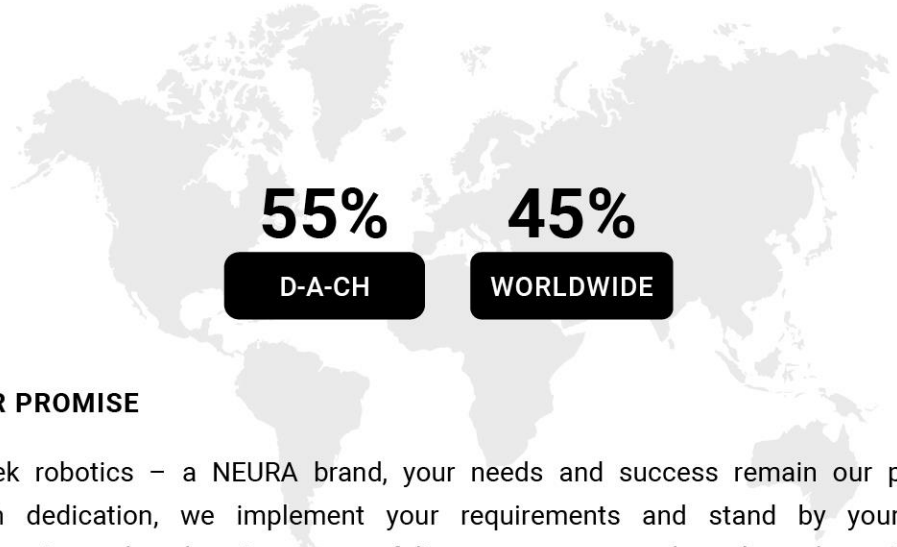
SERVICE

At a Glance

400 +
ACTIVE SYSTEMS

3,000 +
ACTIVE VEHICLES










100 +
CONTRACTS
Individual and long term



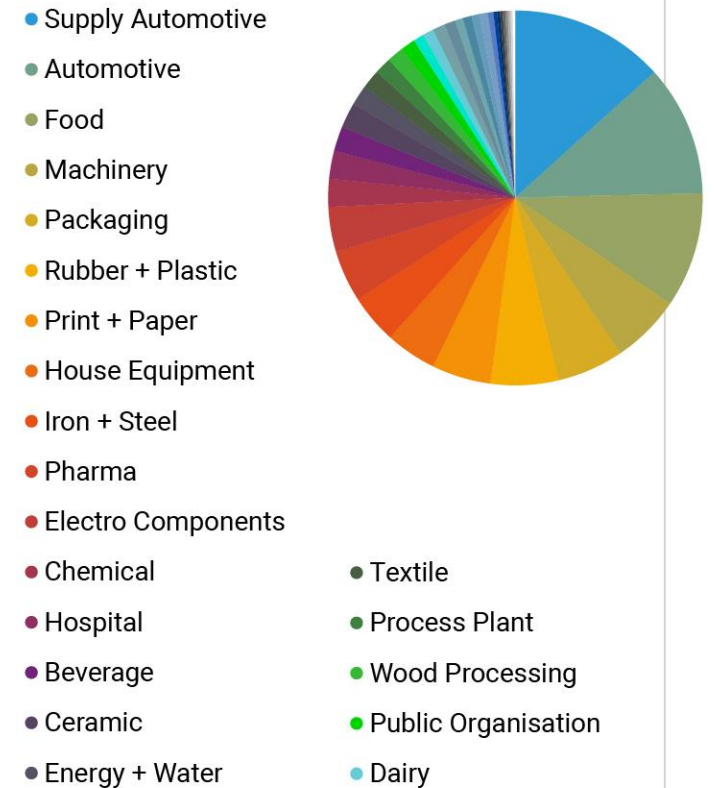
OUR PROMISE

At ek robotics – a NEURA brand, your needs and success remain our priority. With dedication, we implement your requirements and stand by your side. By continuously enhancing our portfolio, we support you throughout the entire life-cycle. Your long-term satisfaction is our measure of quality.

LIFECYCLE SERVICES

 24/7 HOTLINE	 40+ SERVICE EMPLOYEES	 OPTIMISATION	 REMOTE SUPPORT	 MAINTENANCE
 REFIT	 SECURITY CHECK ACC. TO FEM 4.00	 SPARE PARTS SERVICE	 EXPANSION	and any more

EXPERTISE ACROSS INDUSTRIES



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