

Autonomous Mobile Robotic Solutions

Leading the way in selecting, installing, integrating & servicing autonomous mobile robotic solutions.



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Our approach

We are able to offer the full turnkey lifecycle for autonomous mobile robotic solutions, fully integrating into your existing systems to enhance production.

As a platform-independent systems integrator, we can select the best equipment for your project working across multiple technologies to deliver the optimum configuration to meet your needs.

Our philosophy lies in 'enhancing production' and with our autonomous mobile robotic solutions, you will achieve world-class manufacturing with the best available technology.



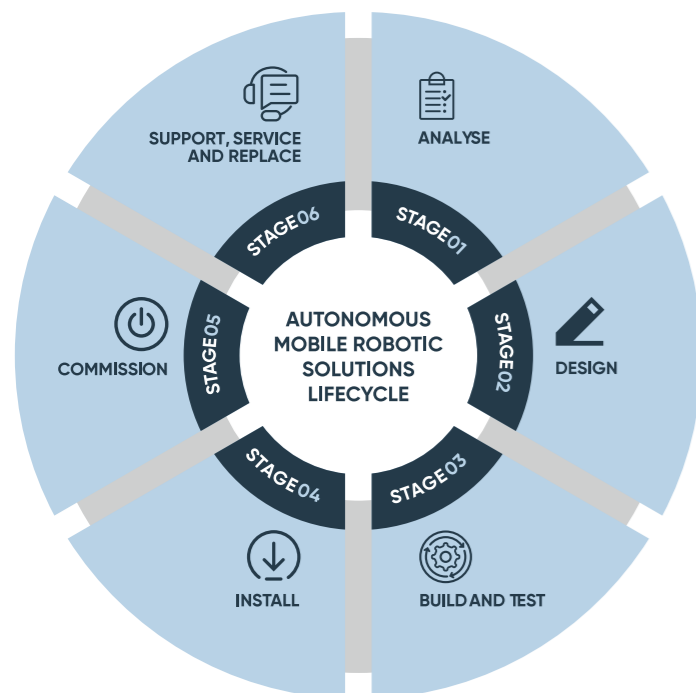
What we do

Product Handling and Manufacturing Workflow	Software Design
Workflow Design	Control System Integration
Operator Ergonomics and Human Interfaces	Integration with Factory Systems (MES, WMS, ERP etc.)
Simulation	CE Marking
Functional Safety	Leasing & Servitisation Packages
Mechanical Solutions	Digital Infrastructure
Electrical Design	Research & Development



What sets us apart: our ability to fully integrate autonomous mobile technologies into existing systems to enhance production and deliver world-class manufacturing, as a stand-alone project or as part of a larger mechatronic automation solution.

Lifecycle: we offer a unique approach to delivering successful projects, by reducing the number of interfaces between you and a highly efficient engineering solution. We are highly skilled and can deal with any area of your project's evaluation, design, delivery and maintenance.



1. Analyse

We begin the process by understanding your needs and objectives. We evaluate the project requirements and look at different scenarios utilising 3D System Simulation.

2. Design

This is the stage where our dedicated and highly-skilled design team carry out detailed engineering on your project by utilising the latest technology to deliver a bespoke system to realise your objectives.

3. Build and Test

Following on from the design phase, our multi-disciplined team then implement the electrical, software and mechanical components of the project. The assembly takes place within our accredited workshop, with our clients included in every stage of testing to ensure your solution is fully customised to your needs.

4. Install

Once the testing phase is successful and complete, we transfer the hardware and software to your site for install. Our team are there to assist at every stage of the transfer.

5. Commission

Once the hardware is installed, our software experts are on site to commission your new control system. They will ensure everything is running and are on hand to answer any other queries or questions you might have.

6. Support, Service and Replace

Now that your system is running perfectly, you are safe in the knowledge that we offer a 24/7 call out service where circumstances require it. Additionally, when your system reaches the end of its lifecycle, we'll be on hand to help replace or upgrade as needed.

Benefits of Autonomous Mobile Robots & Autonomous Guided Vehicles

When designed, installed & supported by an experienced automation solutions provider like ourselves to ensure seamless integration, AMRs and AGVs offer a number of advantages over traditional methods of production.

We only work with global market-leading robotics partners to deliver the very best tailored robot solutions: our partner-independence means you get the very best fit solution for your business needs.

Increased efficiency:

AMRs and AGVs can operate 24/7 without the need for breaks, vacations, or sick days. This can lead to increased productivity and reduced downtime in manufacturing or warehousing operations.

Cost savings:

Implementing AMRs and AGVs can lead to significant cost savings over time, as they can reduce the need for human labour and prevent costly mistakes or accidents.

Improved safety for hazardous environments:

Because AMRs and AGVs operate autonomously, they can reduce the risk of accidents caused by human error. They can also be used in environments not suited to humans.

Increased reliability & repeatability:

AMRs and AGVs can be programmed to be highly precise, which can lead to improved quality control and reduced waste. Negating human error is a key consideration here.

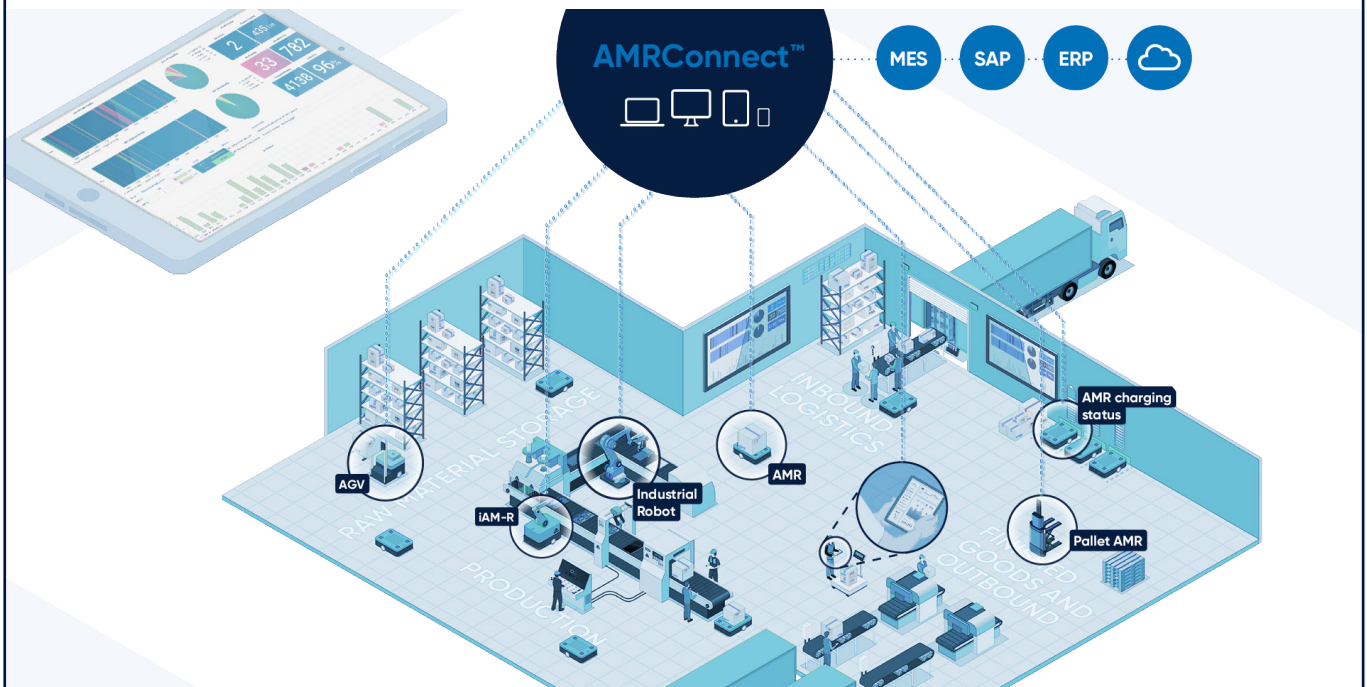
Flexibility:

AMRs and AGVs are designed to be highly flexible and adaptable, which means they can be quickly reprogrammed to perform different tasks. This allows businesses to respond to changing customer demands or production needs.

Data collection:

AMRs and AGVs can be equipped with sensors and other technology to collect data on production processes, which can help businesses identify areas for improvement and optimise their operations.

We're here for all your robotic needs



Introducing AMRConnect™

AMRConnect™ is a highly configurable open software solution that offers real-time, actionable insights and visibility into your mobile robot fleet, and other industrial assets.

AMRConnect™ helps to improve operational efficiency and productivity throughout your facility, bringing OT & IT together to create a connected factory from the warehouse to the board.

ServConnect™ Service Support

Once we've integrated your robotic solution, we are here to help with our comprehensive service support offering.

Most companies require some level of outside support during the lifecycle of their assets, especially as they contend with skills shortages, obsolescence risks and increasing operational complexity.

A **ServConnect™** contract protects your core production facility from downtime and proactively helps increase efficiency through a variety of services, all delivered by our experienced in-house service engineers.

Flexible Finance Options

Don't let capital expenditure concerns hold you back. Funding your project can often be a stumbling block to obtaining the automation you need within your business.

We offer flexible financing options to provide an easier ROI decision and to ensure you can get your robotic automation project off the ground straight away.

Contact us

If you're ready to take the next step towards delivering world-class manufacturing, contact us to discuss our autonomous mobile robotic solutions in more detail. We're here to help, every step of the way.

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