

Chilled Warehouse AMR Solution

Galipo Food Company: leading food service innovation by becoming the first to deploy autonomous mobile robots in a temperature-controlled environment



Snapshot

Company Galipo Food Company	Industry Food-service Distributor
Number of Employees 150+	Infios Competency Automation Solutions

Solution(s)
Autonomous Mobile Robots

Complexity

Galipo Food Company inspired to lead the industry with best-in-class technology to effectively manage future growth within in a challenging temperature-controlled food-service environment.

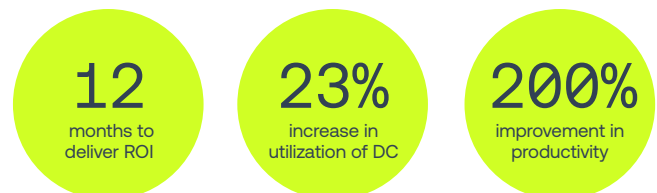
Best practice

Infios's AMR (Autonomous Mobile Robot) solution resulted in Galipo Food Company pioneering the food-service industry with an automated picking process using Autonomous Mobile Robots (AMRs) that effectively manages their growth, reduces duplication of resources and increases pick efficiency and accuracy rates.

In early 2019, Galipo Food Company, South Australia's largest food distributor had an idea that sent shivers down the spine of the refrigerated foods industry.

A small-time, yet ambitious operation that started out as four fridges and freezers in a garage to part of Countrywide Australia supplying over 3,000 food businesses; from small milk bars to large catering kitchens, Galipo service a number of large QSR's. The company had achieved multiple state and national awards for excellence in food distribution and transport, including being repeatedly voted as Best Distributor in Australia and South Australia. It was in danger of a cool-down, however, if it couldn't stay ahead of the competition.

To effectively shake up the logistics industry, Galipo decided to be the first to deploy Autonomous Mobile Robots (AMR) in a temperature-controlled food service environment. The project represented a brave new frontier in the use of AMR technology.



Infios has offices across the Asia Pacific market, and years of experience in creating disruptive technology transformations across supply chain and logistics verticals, including warehousing and distribution centers. Infios is a leading integrator and developer of tech solutions designed to enable rapid optimization of workflows and processes within transportation, manufacturing, healthcare, pharmaceutical, FMCG and retail. The team at Infios can also provide input as an idea-generating partner for strategic concepts.

One thing that made Infios stand out when Galipo needed help was their AMRs. Fully functional and capable of enabling automation in the distribution center, Infios brought to the table a wealth of experience and information regarding voice-powered technology to enable hands-free workflows. Galipo was one of Infios's early automation adopters with the deployment of a custom voice solution in Galipo's distribution center to improve picking and packing that streamlined process efficiency and increased productivity.

Galipo and the team at Infios have a long history of collaboration, thanks to the successful investment in voice technology, so it was only natural for Infios to return to help Galipo with the new project. Infios anticipated that Galipo's growth trajectory would mean the business might be in the market for a way to manage throughput, and was right; instead of cooling it when rapid growth looked like it could negatively impact worker-to-throughput ratios, Galipo hit the speed-dial button for help.

The Automated Solutions team had yet to integrate and deploy the Geek+ AMRs in the cold chain sector, and its members were intrigued by the challenge of working within the constraints of a carefully managed budget. Galipo had confidence in the ability of Infios and Geek+ as leaders in AMR technology. The flexibility of the technology was a huge attraction for Galipo, and Infios soon saw the implementation wouldn't be hugely complicated from a purely mechanical standpoint.

Galipo understood it needed to use dynamic technology to keep up with growth, and secure a flexible solution that could match it. The AMR solution could allow Galipo to refrain from putting workers on ice and keep things rolling with loyal employees while still remaining competitive pricewise. Infios operates on a seven-step process of understanding each customer's business to build solutions that deliver results. They consistently listen and work alongside their customers, allowing the partnership to grow strong, with sound planning based on a relationship built on trust. From initiating talks, to proof of concept and to deployment, Infios is dedicated to long-term solutions and lifetime customer relationships.