

How a Global Manufacturer Modernized Its Warehouse Operations with the Right WMS Strategy

1 Introduction

A global leader in climate-control technologies provides compressors, controls, and monitoring systems that support residential, commercial, and industrial HVACR applications around the world. Following a major corporate transformation and transition to an independent organization, the company recognized the need to modernize its supply chain technology to support future growth.

With an aging warehouse management system and significant network changes underway, the organization partnered with Alpine Supply Chain Solutions to identify and implement a scalable, future-ready WMS strategy.

2 Challenges

The company's existing warehouse management system was more than 20 years old, unsupported by the original software provider, and heavily reliant on custom code maintained internally. The system lacked modern capabilities such as automation integration, real-time inventory visibility, and advanced slotting functionality, making it increasingly difficult to support evolving operational requirements.

At the same time, the organization was undergoing a significant distribution network transformation, consolidating multiple distribution centers while opening a new facility to support future growth.

3 Solutions

With a newly independent IT infrastructure and multiple stakeholder groups involved, leadership needed a warehouse management solution that could support immediate operational needs while providing the flexibility and scalability required for long-term success.



Alpine Supply Chain Solutions partnered with the organization to lead a structured, data-driven warehouse management system selection process. Through stakeholder workshops, operational assessments, technical evaluations, and solution demonstrations, Alpine helped define business requirements, assess integration needs, and narrow the field from eight software providers to three leading finalists.

The evaluation framework considered functional capabilities, technical architecture, implementation support, integration with enterprise business systems, and total cost of ownership. Ultimately, Alpine helped the company select a right-sized warehouse management system that delivered the functionality, scalability, and reliability required without the unnecessary complexity and cost of a large enterprise platform.



4 Implementation

Alpine guided the organization through implementation planning and readiness activities, ensuring alignment across distribution, manufacturing, and information technology teams. Integration planning connected the new warehouse management system with enterprise resource planning (ERP), transportation management, and material handling systems to provide real-time inventory visibility and seamless information flow across the supply chain.

The project also focused on standardizing warehouse processes across multiple facilities to simplify future expansion while improving operational consistency. Throughout the implementation planning process,

Alpine supported change management, training, and organizational readiness efforts to prepare warehouse teams for a smooth transition during the company's broader corporate transformation.

5 Results

The project delivered significant operational and financial value while establishing a modern technology foundation for future growth. By selecting a right-sized warehouse management platform, the organization achieved a 30–40% cost advantage compared to larger enterprise solutions while maintaining the functionality needed to support its complex distribution operations.

The new warehouse management system improved inventory accuracy, operational efficiency, and visibility across the distribution network while simplifying the overall technology landscape.

Most importantly, the solution provides a scalable platform capable of supporting the organization's supply chain strategy for the next 15–20 years, positioning the business for continued growth, operational excellence, and innovation.

