

2024 WAREHOUSE MANAGEMENT SOFTWARE SOLUTIONS GUIDE

For Australian and New Zealand Companies

enabling your digital future
100% Independent Experts in ERP and Enterprise Software

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WAREHOUSE MANAGEMENT SYSTEM



In the intricate and dynamic Australian business environment, where industries span from mining to agriculture and manufacturing, effective warehouse management stands as a critical determinant of organisational excellence. Given Australia's vast geographical expanse and the need for robust distribution mechanisms, businesses are continually seeking ways to enhance efficiency within their warehousing systems. At the forefront of this quest is the implementation of Warehouse Management Software (WMS).

WMS serves as the architectural foundation for warehouses and distribution centres across Australia, a continent marked by its unique logistical challenges. As Australian businesses strive to cater to both densely populated urban centres like Sydney and Melbourne, as well as remote regions, the emphasis on streamlined inventory management, rapid order fulfillment, and comprehensive oversight becomes paramount.

Warehouse Management Software provides Australian enterprises with the requisite tools to not only monitor but also optimise their inventory management systems. This ensures greater accuracy in order fulfilment, and enhanced real-time visibility, essential given Australia's vast distances and varied transport requirements.

The core objective of a WMS is to augment the efficiency of resources within a warehouse or distribution centre. This is especially crucial in Australia's business milieu where, as per the Australian Bureau of Statistics, over a third of businesses experience supply chain challenges. By automating and enhancing several processes, WMS ensures that inventory is not just tracked, but also made readily available as per demand fluctuations. This reduces errors, curtails operational expenditures, and improves the overall efficacy of the warehousing segment.

In an era where Australian businesses are navigating an increasingly globalised market, the transformative potential of Warehouse Management Software cannot be understated. It truly is the linchpin ensuring operational prowess within the domain of warehousing in the Australian business landscape.

HOW TO USE THIS GUIDE

This guide is designed to provide an overall introduction to the top Enterprise WMS Software Vendors within the Warehouse Management space. It is tailored to your business size and scale you operate to help you narrow down the shortlist of Vendors that may be best suited to your company. You may also wish to complete our Software Shortlist request form to get a more detailed Vendor list from our 100% Independent Consultants.

UNDERSTANDING YOUR VENDOR OPTIONS

- The primary objective of Warehouse Management Software is to optimise the utilisation of resources within a warehouse or distribution centre while minimising errors, reducing operational costs, and improving overall efficiency. WMS achieves this by automating and streamlining a multitude of tasks, ensuring that inventory is accurately tracked and readily accessible when needed. In essence, WMS is the driving force behind achieving operational excellence in the realm of warehousing.
- Many of the Vendors listed in this guide offer a suite of Enterprise Software for WMS or modules to tailor a solution aligned to your company objectives. It is recommended that companies undertake a Business Process Improvement project prior to selecting a Vendor or solution. This will help you get a system that will provide the greatest benefit to your organisation.

BEST OF BREED VS INTEGRATED - WHAT IS BEST FOR YOU?

The choice between a "best of breed" (BoB) and an integrated WMS involves considering the advantages and disadvantages of each approach based on the specific needs and priorities of a business. Ultimately, the decision between BoB and integrated WMS depends on the business's priorities, the complexity of their Warehouse operations, and their appetite for managing multiple systems. Some companies might prefer the customisation and specialisation of BoB solutions, while others might value the simplicity and cohesion of an integrated WMS. It's important to thoroughly assess the specific needs of the organization before making a decision.

Companies have the option to go with an independent WMS solution, which can be seamlessly incorporated into their current cloud-based or on-premises enterprise resource planning (ERP) software and supply chain management (SCM) solutions. Certain WMS offerings encompass trade documentation functions, or businesses can enhance their WMS capabilities by utilising a dedicated global trade management (GTM) application. Alternatively, there are also less comprehensive WMS solutions that exist as components within ERP and SCM suites.

FINDING THE RIGHT WAREHOUSE MANAGEMENT SYSTEM

KEY CONSIDERATIONS FOR SELECTING A NEW WAREHOUSE MANAGEMENT SYSTEM.

For companies seeking the best Enterprise WMS solution, it is essential to identify the specific size your organisation and the functional expectations set out for the expected solution.

WMSs play a vital role in aiding supply chain executives in handling unexpected disruptions and minimising potential risks. As the requirements evolve and the WMS market grows larger, the landscape of vendors becomes increasingly crowded and intricate. Leaders in supply chain technology can utilise this research to assess the WMS market effectively. Here are ten (10) key points SMC recommends you consider when making your decision:



10 CONSIDERATIONS WHEN CHOOSING A TRANSPORTATION MANAGEMENT SYSTEM

- 1. Industry-specific functionality:** Look for a WMS that is specifically tailored to your operational industry.
- 2. Scalability:** Consider the scalability of the WMS to accommodate your business growth. It should be able to handle an increasing number of users, projects, and data volumes without compromising performance.
- 3. Integration capabilities:** Ensure that the WMS can integrate seamlessly with your existing software applications, such as accounting software, project management tools, and document management systems. Integration helps streamline data flow and eliminates the need for duplicate data entry.

4. **Cloud-based vs. On-premises:** Evaluate whether a cloud-based WMS or an on-premises solution suits your organisation better. Cloud-based WMSs offer flexibility, easier access, and automatic updates, while on-premises solutions may provide more control over data and infrastructure.
5. **User-friendliness:** The WMS should be user-friendly and intuitive, as it will be used by employees with varying levels of technical expertise. Conduct demos or trials to assess the system's ease of use and how well it aligns with your team's workflow.
6. **Mobile compatibility:** Based on the industry, field employees may need access to the WMS while not on-site. Ensure the WMS has a mobile app or responsive design that allows users to access essential data and perform tasks from their smartphones or tablets.
7. **Reporting and analytics:** Effective data analysis is crucial for decision-making. Choose a WMS that provides robust reporting and analytics capabilities, allowing you to generate insights and make data-driven decisions.
8. **Vendor reputation and support:** Research the WMS vendor's reputation and customer reviews to gauge their reliability and customer service. Ensure they have a local presence or support team in Australia to address any issues promptly.
9. **Compliance with Australian regulations:** Confirm that the WMS complies with relevant Australian industry regulations, tax laws, and reporting requirements.
10. **Security and data protection:** Data security is paramount, especially when dealing with sensitive financial and project data. Ensure the WMS has robust security measures in place to safeguard your information.

SMC highly recommends organisations do a comprehensive analysis to understand what issues you are trying to solve with a new Warehouse Management System, and to identify the business-critical opportunities you are trying to achieve. In doing so, you will have a clearer view of your organisations business and strategic process, data and people requirements and will be better able to determine which software tools are best suited to achieving these. At SMC we call this understanding your Digital Transformation Blueprint.

"Modernisation is key"

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SMC RESEARCH AND MARKET SCAN

ENTERPRISE SOFTWARE COMPARISON FOR TRANSPORT MANAGEMENT SOFTWARE IN AUSTRALIA & NEW ZEALAND.

ENTERPRISE TIER 1 > \$500M Revenue 1000+ Users Multiple Entities High Complexity	ORACLE	SAP HANA	BlueWander	IFS	Al Maharratu	comptel				KÖRBER
MID MARKET UPPER TIER 2 \$250M - \$500M Revenue 50-250 Users Multiple Business Units	myob		ramco	PULSE	ORACLE NETSUITE	Microsoft Dynamics 365	BOSSER	infor	Sage	PRONTO
SMALL MID MARKET LOWER TIER 2 \$50M - \$250M Revenue Single Entity										
SMALL TIER 3 < \$5M Revenue <10 Users									evexso	

KEY FUNCTIONAL AREAS:

Warehouse Management Software comprises a set of critical features and functionalities, each contributing to the seamless operation of a warehouse. These may include:

- a. **Inventory Management:** Efficiently tracking and managing inventory levels, ensuring optimal stock levels, and minimising overstock or stockouts.
- b. **Order Management:** Processing orders, orchestrating picking, and packing processes, and managing order fulfillment with precision and speed.
- c. **Warehouse Automation:** Integrating automation technologies like barcode scanning, RFID, and robotics to enhance operational efficiency and reduce manual labour.
- d. **Real-time Visibility:** Providing real-time insights into inventory levels, order status, and overall warehouse performance, allowing for informed decision-making.
- e. **Reporting and Analytics:** Generating reports and analytics that offer valuable insights into warehouse operations, helping organisations identify areas for improvement.



ENTERPRISE SOFTWARE SOLUTIONS

We have compared the top ERP systems for Warehouse Management and collated this information into the following comprehensive buyers guide comparison table.

COMPARISON LEGEND

- Fully Supported
- ◐ Partially Supported
- Not Supported

	Order Management	Inventory Management	Packing and Dispatch	Shipment Tracking	Warehouse Planning	Quality Control	EDI capability	Reporting & Analytics	Cloud Based	ANZ local Support	Mobility	Scalability	API based Integration
	WMS FUNCTIONS								Deployment options				
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Enterprise Warehouse Management Systems / Software

1. ORACLE WAREHOUSE MANAGEMENT

Oracle Cloud Warehouse Management Software is a cutting-edge solution designed to streamline and optimize the management of warehouses and distribution centres for businesses of all sizes and industries. This powerful software is part of Oracle's comprehensive suite of cloud-based applications, offering advanced tools and features to enhance supply chain efficiency and overall operational performance.



2. SAP WAREHOUSE MANAGEMENT

SAP Warehouse Management Software is a robust and integrated solution that plays a pivotal role in enhancing warehouse and distribution operations for organizations across diverse industries. As part of the SAP suite of enterprise software solutions, it offers a comprehensive set of features and tools to optimize supply chain processes and drive operational efficiency.



3. BLUEYONDER

The BlueYonder Warehouse Management Software represents a pivotal solution within the comprehensive suite of enterprise software offerings by BlueYonder, playing a central role in transforming warehouse and distribution operations across diverse industries. With a comprehensive feature set, it empowers organizations to fine-tune supply chain processes and elevate operational efficiency significantly. This robust solution offers real-time inventory visibility, streamlined order fulfillment, precise demand forecasting, and adaptable multi-channel order management capabilities, ensuring businesses can meet the ever-changing demands of the market.



4. IFS

In today's competitive landscape, IFS Warehouse Management Software is the cornerstone for businesses seeking to streamline their warehouse operations, enhance supply chain management, and thrive in an ever-evolving market. Its commitment to efficiency and adaptability makes it a vital asset for organizations striving for excellence in supply chain optimization. IFS Warehouse Management Software is an indispensable component of the IFS suite of enterprise solutions, poised to revolutionize warehouse and distribution operations across a wide spectrum of industries. With its comprehensive set of features, it empowers organizations to optimize supply chain processes and elevate operational efficiency to new heights.



Enterprise Transport Management Systems / Software

5. NETSUITE

The Central to Oracle NetSuite Warehouse Management Software is its advanced analytics and reporting capabilities, empowering organizations to derive actionable insights from their warehouse operations. These insights serve as the foundation for data-driven decision-making, enabling businesses to continuously refine their processes and boost overall efficiency. Furthermore, the software is highly scalable, catering to businesses of all sizes, and maintains robust security and compliance measures, adhering to industry standards and safeguarding sensitive data. In conclusion, Oracle NetSuite Warehouse Management Software is a valuable asset for organizations seeking to streamline their warehouse and distribution operations, enhance supply chain management, and succeed in today's competitive business landscape. Its commitment to efficiency, adaptability, and data-driven excellence makes it an indispensable tool for achieving supply chain optimization and operational success.



6. MICROSOFT DYNAMICS 365 SUITE

Microsoft Dynamics Warehouse Management Software is a formidable and seamlessly integrated solution within the Microsoft Dynamics suite of enterprise software offerings. It plays a central role in transforming warehouse and distribution operations across diverse industries by providing a comprehensive set of capabilities and tools designed to optimize supply chain processes and elevate operational efficiency.



At its core, Microsoft Dynamics Warehouse Management Software emphasizes data-driven decision-making through advanced analytics and reporting capabilities. These insights empower organizations to continuously refine their warehouse processes, drive overall efficiency, and enhance customer satisfaction. Furthermore, the software offers scalability to meet the needs of businesses of all sizes while maintaining robust security and compliance measures, adhering to industry standards and ensuring data protection. In summary, Microsoft Dynamics Warehouse Management Software is a critical asset for organizations seeking to streamline their warehouse and distribution operations, enhance supply chain management, and excel in today's competitive business landscape. Its commitment to efficiency, adaptability, and data-driven excellence positions it as an invaluable tool for achieving supply chain optimization and operational success.

Enterprise Transport Management Systems / Software

7. MANHATTAN

Manhattan Warehouse Management Software (Manhattan WMS) stands as a cutting-edge solution in the realm of warehouse and distribution management. Designed and developed by Manhattan Associates, a leader in supply chain and omnichannel commerce solutions, this software is engineered to optimize warehouse operations for businesses across diverse industries. Manhattans' flagship in the WMS space, Manhattan Active - is all about efficiently managing the entire WMS process. It's a crucial part of the larger Manhattan Active Supply Chain suite, which covers areas like TMS, yard management, and labour management.



8. SALESFORCE WMS

Salesforce Warehouse Management Software stands as a robust and seamlessly integrated solution within the Salesforce suite of enterprise software solutions. It plays a central role in revolutionizing warehouse and distribution operations across a wide spectrum of industries by providing organizations with a comprehensive array of features and tools for optimizing supply chain processes and elevating operational efficiency.



9. RAMCO

RAMCO Warehouse Management Software is a robust and seamlessly integrated solution designed to revolutionize warehouse and distribution operations across a wide spectrum of industries. Developed by Ramco Systems, a global leader in enterprise software, this software empowers businesses with comprehensive control over their warehouse processes. It offers real-time visibility into inventory, order statuses, and warehouse performance, enabling informed decision-making and rapid responses to market changes.



10. PRONTO SOFTWARE

Pronto Warehouse Management Software is a user-friendly solution designed to simplify and improve warehouse and distribution operations for businesses across various industries. With Pronto Software's expertise in delivering efficient ERP solutions, this software offers a comprehensive set of features that enhance supply chain management and overall operational performance. It allows businesses to adapt and grow their warehouse operations seamlessly. In summary, Pronto Warehouse Management Software simplifies warehouse operations, enhances supply chain visibility, and boosts overall efficiency. It's a valuable tool for businesses looking to save time, cut costs, and provide top-notch service to their customers.



Enterprise Transport Management Systems / Software

11. INFOR

Infor Warehouse Management Software is a user-friendly solution that transforms warehouse and distribution operations for businesses across industries. With real-time visibility, it allows organizations to track inventory levels, monitor order statuses, and enhance employee productivity. It excels in inventory optimization, providing advanced demand forecasting and inventory management tools to reduce carrying costs and ensure product availability. In essence, it simplifies operations, enhances supply chain visibility, and boosts efficiency, making it an invaluable asset for businesses aiming to optimize processes, reduce costs, and deliver outstanding service to their customers.



12. SAGE WAREHOUSE MANAGEMENT

Sage Warehouse Management Software is a user-friendly solution that brings efficiency and effectiveness to warehouse and distribution operations across diverse industries. Developed by Sage, a global leader in business software solutions, this software offers an array of features designed to streamline supply chain management and improve operational efficiency.



One of the notable aspects of Sage Warehouse Management Software is its real-time visibility, empowering organizations to monitor inventory levels, track order statuses, and enhance employee productivity with precision. Additionally, the software excels in inventory optimization, providing advanced demand forecasting and inventory management tools that minimize carrying costs and ensure product availability to meet customer demands.

13. MYOB ADVANCED

MYOB Advanced Warehouse Management Software helps businesses by providing real-time updates on inventory, order status, and employee productivity. It's great at managing inventory efficiently, ensuring products are available when needed, and reducing storage costs. The software also makes order processing smoother, with fewer errors and faster deliveries. Plus, it offers useful reports and analytics to help businesses understand their warehouse performance better. Whether you have a small warehouse or a big distribution center, MYOB's software can adapt to your needs. In a nutshell, MYOB Advanced Warehouse Management Software makes running warehouses easier, improves supply chain visibility, and boosts overall efficiency, making it a must-have for businesses looking to save money and provide top-quality service to their customers.



Enterprise Transport Management Systems / Software

14. KORBER

Körber Warehouse Management Software offers real-time visibility into critical aspects of your warehouse operations: inventory status, order progress, and workforce efficiency. It excels in optimizing your inventory, utilizing advanced tools to minimize storage costs and ensure products are readily available for your customers. The software streamlines order processing, reducing errors and expediting deliveries, ultimately enhancing customer satisfaction. Furthermore, it provides robust analytics and reporting capabilities, empowering your business to gain valuable insights into warehouse performance. Regardless of whether you manage a small warehouse or a large distribution center, Körber's adaptable solution is tailored to your unique needs. In essence, Körber Warehouse Management Software simplifies warehouse operations, elevates supply chain visibility, and improves overall efficiency, positioning it as an indispensable tool for businesses striving to streamline processes, reduce expenses, and provide exceptional service to their customers.



15. SSI SCHAFFER

SSI Schaefer Warehouse Management (WHM) software is a powerful tool that helps businesses manage their warehouses better. It provides real-time updates on inventory, order status, and employee productivity. The software is great at managing inventory efficiently, reducing costs, and ensuring products are available when needed. It also makes order processing smoother and faster, which leads to happier customers. With helpful reports and analytics, it's suitable for both small warehouses and large distribution centers. In a nutshell, SSI Schaefer WHM software makes warehouse operations simpler, improves supply chain visibility, and boosts efficiency, helping businesses save money and provide top-quality service to their customers.



IN ADDITION TO THE ABOVE, LISTED BELOW ARE A FEW OF THE SMALLER SCALE PRODUCTS WHICH ARE ALSO AVAILABLE IN THE AUSTRALIA & NEW ZEALAND MARKET.



CHOOSING YOUR IMPLEMENTATION PARTNER

In our experience as independent consultants, engaging the right implementation partner for your digital transformation journey or Enterprise software project is critical to success. Conversely, select the wrong implementation partner and your initiative could be destined to fail from the outset.

Software vendors may not provide the best guidance either. Often, they encourage you to assess all the different companies out there as best you can and make your own decision. As a result of helping companies day in, day out with selections of Enterprise Software solutions and implementation partners, we have built up a knowledge base of the capabilities and experience of the vast majority.



SMC's SELECTION RESOURCES AND SERVICES

WE HAVE AN OFFERING TO SUIT EVERYONE'S NEED WITH EACH ONE PROGRESSIVELY REDUCING YOUR EFFORT AND RISK



Business Requirements to save you time and effort

YOUR EFFORT AND RISK Our business requirements have been refined over hundreds of projects for Australian and New Zealand organisations. It's easy to prioritise them and send to vendors for you to conduct a functional fit analysis



Software Comparison Report will identify product weaknesses to you instantly

YOUR EFFORT AND RISK Our report contains business requirements and vendor responses from our unique software evaluation platform for instant functional fit analysis. This will save you weeks of effort.



SMC Selection Accelerator Pack for you to run an efficient and professional project

YOUR EFFORT AND RISK This includes SMC's proven Selection Methodology with instructions. A shortlist of three vendors; Business Requirements for your scope; Software Comparison Report; Quality go-to-market documents (RFP and RFQ), Demo scenarios; Advice to get the best commercial deal.



SMC Led Selection providing you with a Best of Breed Solution

YOUR EFFORT AND RISK For organisations who need a solution and a technology partner and want help from an independent expert to make the best decisions and get optimal commercial outcomes.

What selection package is right for you?

Thank you for taking the time to read our guide.

If you have any questions about enterprise software selection and implementation we invite you to get in touch.



RAPIDLY EVALUATE ENTERPRISE SOFTWARE AND IMPLEMENTATION PARTNERS

We help companies become more streamlined, modern and competitive for the digital era through improved business processes and modern enterprise platforms.

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