

# ERP for Manufacturing Comparison Guide



Enterprise resource planning (ERP) software modules are tailored to aid in business-specific needs. When it comes to manufacturing and distribution companies, the need to manage the supply chain is important, especially since supply and demand can be fickle. In order for manufacturers to closely ensure business processes run as smooth as possible, an ERP manufacturing module helps automate functions such as quality control, order accuracy, and communication between supplier and distributor.

In this side-by-side comparison guide of the top ERP solutions, you will learn more about specific manufacturing module features offered such as inventory management, material requirements planning, bar coding and much more.

ERP for Manufacturing					
Vendor: Product Solution	SMB - Enterprise	Price Range	Financing Options	User Range	Multi Site
Epicore ERP <sup>1</sup>	Enterprise	\$\$\$\$	Lease, Owner Financing, Lease to Own	1-2000+	✓
Epicore Express <sup>1</sup>	SMB	\$\$\$	Subscription	Up to 50	✓
Infor Visual	SMB-Enterprise	\$\$\$	Lease, Owner Financing, Lease to Own	5-500	✓
Microsoft Dynamics AX	Enterprise	\$\$\$\$	Lease, Owner Financing, Financing	5-2250	✓
Netsuite ERP	SMB	\$\$	Subscription	Unlimited	✓
Oracle eBusiness Suite <sup>1</sup>	SMB-Enterprise	\$\$\$	Lease, Financing	25-1000+	✓
Plex manufacturing Cloud <sup>1</sup>	Enterprise	\$\$	Subscription	20-Unlimited	✓
Sage 300 ERP <sup>1</sup>	SMB-Enterprise	\$\$	Lease, Owner Financing, Financing	2-450	✓
Sage 500 ERP <sup>1</sup>	Enterprise	\$\$\$	Lease, Owner Financing	5-100	✓
SAP Business All-in-One <sup>1</sup>	SMB	\$\$	Lease, Owner Financing, Financing	50-5000	✓
Macola 10	SMB	\$\$	Subscription, Owner Financing	5-1000+	✓

ERP for Manufacturing (continued)

Vendor: Product Solution	Multi National	Architecture	Database Platform	Server OS	Difficulty of Customization
Epicore ERP <sup>1</sup>	✓	SOA	MS SQL Server, Cloud-based	Windows, Linux/Unix	Easy
Epicore Express <sup>1</sup>	✓	SaaS Multitenant SOA	MS SQL Server, Cloud-based, Universally Compatible with all DB Platforms	Windows, Linux/Unix, Mac OS	Easy
Infor Visual	✓	SOA	Microsoft, SQL Server, Oracle, Proprietary, Cloud-based	Windows, Linux/Unix	Easy
Microsoft Dynamics AX	✓	SaaS, SOA, .NET	MS SQL Server, Oracle, Cloud-based	Windows	Difficult
Netsuite ERP	✓	SaaS, Multitenant	MS SQL Server, Oracle, Cloud-based	Windows, Unix, Novell Netware, Mac OS	Difficult
Oracle eBusiness Suite <sup>1</sup>	✓	SOA	Oracle, MS SQL Server, Cloud-based	Windows Mobile, Android, iOS, Linux/Unix, Novell Netware	Easy
Plex manufacturing Cloud <sup>1</sup>	✓	SaaS Multitenant SOA	Universally Compatible with All Database Platforms	Universally Compatible with All Operating Systems	Difficult
Sage 300 ERP <sup>1</sup>	✓	Windows, Linux/Unix, Mobile	MS SQL Server, Oracle, Pervasive	Windows, Linux/Unix, Mobile	Easy
Sage 500 ERP <sup>1</sup>	✓	On Premise; Client S	MS SQL Server	Visual Basic, .NET	Difficult
SAP Business All-in-One <sup>1</sup>	✓	Cloud	MS SQL Server, Oracle	Windows	Difficult
Macola 10	✓	.NET, Windows, On-Premise, Client, Mobile	MS SQL Server	Windows	Easy

ERP for Manufacturing (continued)

Vendor: Product Solution	Inventory Optimization	Materials Requirements Planning	Warehouse Management	Bill of Materials	Bin Management
Epicore ERP <sup>1</sup>	✓	✓	✓	✓	✓
Epicore Express <sup>1</sup>	✓	✓	✓	✓	
Infor Visual	✓	✓	✓	✓	✓
Microsoft Dynamics AX	✓	✓	✓	✓	✓
Netsuite ERP	✓	✓	✓	✓	✓
Oracle eBusiness Suite <sup>1</sup>	✓	✓	✓	✓	
Plex manufacturing Cloud <sup>1</sup>	✓	✓	✓	✓	
Sage 300 ERP <sup>1</sup>	✓	✓	✓	✓	✓
Sage 500 ERP <sup>1</sup>	✓	✓	✓	✓	✓
SAP Business All-in-One <sup>1</sup>	✓	✓	✓	✓	
Macola 10	✓	✓	✓	✓	✓

ERP for Manufacturing (continued)

Vendor: Product Solution	Distribution Requirements Planning	Multi-location Inventory for Distributors	Product Lifecycle Management	Quality Management	Traceability
Epicore ERP <sup>1</sup>	✓	✓	✓	✓	✓
Epicore Express <sup>1</sup>	✓	✓	✓	✓	✓
Infor Visual	✓		✓	✓	✓
Microsoft Dynamics AX	✓	✓	✓	✓	✓
Netsuite ERP		✓	✓		
Oracle eBusiness Suite <sup>1</sup>	✓	✓	✓	✓	✓
Plex manufacturing Cloud <sup>1</sup>	✓	✓	✓	✓	✓
Sage 300 ERP <sup>1</sup>		✓			
Sage 500 ERP <sup>1</sup>	✓	✓	✓	✓	✓
SAP Business All-in-One <sup>1</sup>	✓		✓	✓	✓
Macola 10	✓	✓		✓	✓

Features	Definitions
Difficulty of Customization	This is the level of difficulty a customer will experience when customizing applications a features. Generally speaking, the more difficult, the more specialized knowledge and expense is required for customization.
Inventory Management	Inventory Management features allow organizations to oversee the constant flow of products into and out of the organization.
Materials Requirements Planning	Materials Requirements Planning features allow organizations to effectively manage manufacturing processes including production planning, scheduling, and inventory control.
Warehouse Management	Warehouse Management features allow organizations to control the movement and storage of materials within a warehouse. This includes managing the associated processes such as shipping, receiving, picking, and storage.
Bill of Materials	Bill of Materials features allow organizations to create lists of parts or components, including the manufacturer's part number, associated with building a product.
Bin Management	Bin Management features allow organizations to assign bin numbers to materials, parts, and products to allow organizations to track and monitor those items during the manufacturing process.
Distribution Requirements Planning	Distribution Requirements Planning features include processes and variables to be monitored to ensure inventories are accurate and appropriate for manufacturing and distribution.
Multi-location Inventory for Distributors	Multi-location Inventory features allow distributors to maintain accurate inventory levels and accounts at various locations.
Product Lifecycle Management	Product Lifecycle Management features all an organization to monitor and manage a product from engineering and design through manufacturing and distribution.
Quality Management	Quality Management features allow organizations to set and monitor a desired level of quality through the manufacturing and distribution processes.
Traceability	Traceability features allow organizations to historically track the location or application of materials, parts, and products and create a record of that location or application.

1 - Some features may require add-on modules at an additional cost.

\$\$ < \$199/Mo. Per user or expected equivalent for perpetual license with maintenance over 36 months

\$\$\$ \$200 < \$400/Mo. Per user or expected equivalent for perpetual license with maintenance over 36 months

\$\$\$\$ > \$400/ Mo. Per user or expected equivalent for perpetual license with maintenance over 36 months