# MAXCloud

# MAXCloud Supply Chain Management ERP Features

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| **Role Centers** | • Operations Manager, Warehouse Manager, Warehouse Worker, Shipping and Receiving, Purchasing Manager, Purchasing Agent, Production Manager, Shop Supervisor. |
| **Flexible Business Intelligence** | • Empower people with self-service BI, including KPIs and standard and ad-hoc reporting tools.<br>• Monitor performance and formulate effective business strategy using predefined cubes.<br>• Perform ad-hoc data analysis and reporting with familiar tools such as Excel and Visio. |
| **Sales Management** | • Easily create sales orders with quick entry of order lines, blanket orders, and enhanced delivery date control.<br>• Automatically check credit limits, customer account information, and inventory levels to provide customers with real-time information.<br>• Use flexible and comprehensive price calculations for improved price accuracy and customer service. |
| **Purchase Management** | • Keep track of back orders, and manage returned items.<br>• Streamline procurement processes with an end-to-end process that includes requests for quotations (RFQs), vendor comparison, and integrated purchasing.<br>• Create purchase requisitions with the Microsoft Dynamics AX Client or Enterprise Portal in Microsoft Dynamics AX, and define a purchase requisition workflow to control the purchase requisition process. |
| **Trade Agreements** | • Enhance business relationships with detailed trade agreements that include customer-, vendor-, or item-specific pricing and discounts.<br>• Set up prices and discounts in all currencies.<br>• Automatically calculate total discounts on orders. |
| **Basic Logistics** | • Easily describe and maintain items by using up to three Item dimensions and predefined combinations: configuration, size, and color.<br>• Specify inventory dimensions for advanced inventory control and tracking and tracing purposes using inventory dimensions such as Site. |
| **Inventory Management** | • Apply multiple costing options, including: first in/first out (FIFO), last in/first out (LIFO), standard cost, and weighted average.<br>• Control inventory with a variety of inventory models and safety stock support. |
| **Order Management** | • Extend supply chain functionality to include return order management and processing. |
| **Online Services** | • Use payment services to integrate credit card processing, including authorization, data tracking, and returns, into Microsoft Dynamics AX. |
| **Multi-Site Capabilities** | • Maintain centralized control of all site parameters from any location, whether site-specific or company-specific, including inventory, BOMs, routing, costing, and profit and loss dimensions.<br>• Manage multiple, distributed warehouses; apply different costs, prices, and cost category rates; control delivery dates in different time zones; run master planning to view BOM items; and route data by dimensions.<br>• Use the new Site dimension to support multi-site scenarios.<br>• Access support for multiple time zones with preferences for date and time fields set at the user level. |
| **Quality Management** | • Improve business processes for quality assurance, quality control, raw materials, and lot traceability. |
| **Enhanced Master Planning** | • Create multiple plans across sites to meet demand and keep orders synchronized based on change in internal or external demand.<br>• Improve distribution planning and forecast scheduling with an overview of longer-term purchase, production, and resource requirements. |
| **Warehouse management** | • Assign inventory dimensions to help organize and locate stock by individual warehouse, pallet, and location.<br>• Receive automatic suggestions for placement of received items based on preset rules for one or multiple warehouses.<br>• Keep track of all received orders with pallet identification and generate an optimized picking route.<br>• Use barcodes to track items and locations electronically. |

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| | • Streamline outbound processes with the ability to configure rules for sending and printing shipment documents. |
| **RFID Support** | • Help simplify compliance by defining which customers and order line items require tagging, and commission electronic product code (EPC) numbers.<br>• Simplify real-time traceability with support for location-, pallet-, and item-level tagging that is compliant with EPC global data standards.<br>• Gain out-of-the-box radio frequency identification (RFID) integration with core business processes, such as inbound receiving, pick, pack, and ship processes. |
| **Intercompany** | • Streamline subsidiary trading and apply intercompany trading policies using a single, integrated system.<br>• Create intercompany order chains directly and automatically from sales order to end-customer with and without direct delivery, and update sales orders from purchase orders and vice versa. |
| **Advanced Inventory Control** | • Calculate ATP delivery dates based on available inventory and current production orders; calculate capable-to-promise (CTP) delivery dates based on available materials and production capacity.<br>• Optimize production and materials planning and scheduling by reducing double-scheduling and monitoring work centers for bottlenecks.<br>• Perform finite materials and capacity scheduling at the same time to take available capacity, inventory levels, and purchase lead times into consideration.<br>• Use master planning tables with optimistic concurrency control (OCC). |
| **Product Builder** | • Configure customized products and obtain accurate delivery dates |

**For more information about MAXCloud, visit www.maxclouderp.com**