

MAXCloud Production ERP Features

Production BOM	<ul style="list-style-type: none"> • Copy a standard bill of material (BOM) to a production order and modify it as needed. • Support negative quantities and control each item within BOM lines. • Define the nature of the BOM line by the line type item, such as sub-production, phantom, subcontract, or normal item. • Maintain a company default BOM or a site-specific BOM for multiple sites.
Production Order Management	<ul style="list-style-type: none"> • Create production orders manually, through Master Planning, or from a sales order line. • View, track, split, roll back, or categorize orders into pools. • Purchase services directly from subcontractors. • Schedule forward for delivery as soon as possible; schedule backward to deliver on the latest possible delivery date.
Production Tracking and Reporting	<ul style="list-style-type: none"> • Update WIP and actual costs to the general ledger for an up-to-date picture of where products are in the production process. • Automatically generate and post report consumption.
Forecast Scheduling and Master Planning	<ul style="list-style-type: none"> • Optimize production and materials planning and scheduling. • Conduct finite materials and capacity scheduling simultaneously. • Calculate reliable available-to-promise (ATP) and capable-to-promise (CTP) deliveries, tie quotations to planning materials, break down a BOM item, and determine the earliest possible delivery date based on route and incoming items.
Routing Management	<ul style="list-style-type: none"> • Plan simple, sequential, and complex networks; use simultaneous routes in the same network. • Designate a work center as a subcontractor. • Create finite or infinite scheduling, forward and backward from various dates. • Use rough-cut capacity and detailed scheduling capabilities. • Calculate expected waste per operation as a percentage. • Organize the shop floor in logical production units at the individual sites. • Define resources and processes for site-specific routing.
Scheduling	<ul style="list-style-type: none"> • Quickly reschedule jobs and simulate possibilities by dragging items in the Gantt chart. • Identify production bottlenecks and reschedule the remaining route; use alternative work centers for an operation in case of scheduling overloads. • Schedule operations with the same property back-to-back.
Cost Tracking	<ul style="list-style-type: none"> • Track detailed costs for resources and throughput, including work center costs.
Job Monitoring	<ul style="list-style-type: none"> • Track multiple job types, such as setup, transfer overlap, queue time or the process job per operation. • Report resource consumption based on the job number. • Check future and current capacity loads for potential bottlenecks and automatically reschedule the route to show new capacity loads.
Product Builder	<ul style="list-style-type: none"> • Configure customized products and obtain accurate pricing and delivery dates. • Set price amounts based on choice of variables from product models; calculations can be fixed amount, percentage, or programmed per variable. • Set default routes or validation routes and job cards for single and group variables, with the ability to create more complex rules and formulas. • Configure Product Builder using Enterprise Portal in Microsoft Dynamics AX.
Shop Floor Management	<ul style="list-style-type: none"> • Reduce manual data entry with automated employee time and attendance. • Register products, resources, and items for project activity, operations, and jobs. • Generate and export payroll data, from hourly rates to premiums and benefits.

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