

Sage 500 ERP



Project Management for Manufacturers

Profitably Manage All Aspects of Your Design, Manufacturing, Service, and Installation Projects

Do you manage engineering or prototype production projects? Do you install or service the products you manufacture? If so, the Sage 500 ERP (formerly Sage ERP MAS 500) Project Management solution can keep all of your project managers informed and equip them with the tools they need to manage these projects profitably.

By implementing this robust solution, you enable your project managers to assign resources easily to projects, track actual versus estimated costs through project completion, and generate detailed estimates for customers. Projects can be based on a fixed price, by accounting for time and materials, or a combination of both options.

Another Project Management feature that is particularly important to manufacturers is the ability to manage a wide variety of project types. This flexibility can significantly decrease project management costs by eliminating the need for multiple project tracking systems. In addition, the six GAAP-compliant profit recognition methods enable you to control profit recognized over each period, resulting in a well-managed revenue stream.

Beyond its ability to manage manufacturing projects, Project Management also boasts a series of tools designed for businesses that install or service products. Time and materials can be instantly expensed throughout the installation or service processes. And Sage TimeSheet can be implemented to facilitate remote viewing and updating of a project's status.

BENEFITS

- Increase profitability by managing a wide variety of projects, including design, manufacturing, installation, and service
- Improve accuracy by creating manufacturing work orders directly from a project to link production to materials required on project phases and tasks
- Easily assign resources to projects, and accurately track actual versus estimated costs to prevent cost overruns and maximize profitability
- Manage projects from design to engineering, and optionally utilize the powerful manufacturing modules for production management
- Monitor all details of your project, including estimates, change orders, purchase orders, timesheets, and billing
- Process your time and materials against one or multiple projects
- Input expenses electronically as they are incurred without the hassles of paper submission

SAGE 500 ERP SOLUTIONS

- Financials and Project Accounting
- Manufacturing and Distribution
- CRM and E-Business
- Human Resources and Payroll
- Customization and Integration
- Business Intelligence

Phase	Task	Classification	Vendor	Resource	Item
1	Analysis	Scope	Labor	BE	
2	Analysis	Planning	Labor		
3	Design	Review	Labor		
4	Hardware		Material	ACS	DECAAlpha
5	Manufacture		Material		Shovel-A100
6	Config	Install	Labor	BE	

"We set up projects with assembly dates for each machine. The sales department sees available dates and populates them with configuration details, customer information, and data on custom molds. For the first time in our history, we have a live scheduling and project management tool that both manufacturing and salespeople can use. We can even run profit and loss statements by machine so we know exactly what we made, or lost, on each job."

Craig Neuhardt
Vice President of Manufacturing
Power Curbers, Inc.

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Project Maintenance and Setup

Monitor all details of your project, including estimates, change orders, purchase orders, timesheets, and billing.

- Choose from six GAAP-compliant profit recognition methods.
- Select from multiple project types: Time and Materials, Fixed Price, and Fixed Price Plus.
- Assign detailed employee contract rates at the project, project title, or resource level.
- Estimate multiple cost types through detailed estimating.
- Change or adjust estimates as needed.

Project Tracking Facilities

Prevent cost overruns and generate bottom-line savings.

- Look up profit recognition by item.
- Set up project classes for reporting purposes.
- Enter project, phase, and task start and end dates.
- Track both taxable and nontaxable projects.

Timesheet Processing

Process your time and materials against one or multiple projects.

- Manage remote entry through web browser with Sage TimeSheet.
- Use either a worksheet or calendar-style data entry option.
- Create user-defined timesheet periods.
- Assign contract rates based on project, resource, title, phase, task, or date.

Expense Claim Processing

Input expenses electronically as they are incurred without the hassles of paper submission.

- Enable remote entry through web browser with Sage TimeSheet.
- Support both reimbursable and nonreimbursable expenses.
- Program optional management approval configurations.
- Generate accounts payable vouchers automatically.

Financial, Distribution, and Manufacturing Integration

Enjoy seamless integration to Sage 500 ERP General Ledger, Accounts Receivable, Accounts Payable, Inventory, Purchase Order, and MRP modules.

- Allocate accounts payable costs against projects.
- Generate vouchers from expense claims.

- Transfer inventory in and out of projects.
- Ship products from one location to another.
- Create purchase orders automatically for noninventory items.
- Track purchase order commitments.
- Leverage MRP for Material Demands.
- Create manufacturing work orders directly from the Project to link production to materials required on project phases and tasks.

Invoicing Features

Provide a wide range of invoicing and customization options to meet specific customer needs.

- Bill specific portions of a project or all of it.
- Customize unique invoice layouts per project.
- Bill customers by date, percentage, contract, or project.
- Print invoices in summary or detail.
- Display timesheet comments on the invoice.
- Track project retainability by amount or percentage.

Manufacturing

Manage projects from design and engineering and then turn on the powerful manufacturing modules for production management.

- Manage engineering, CAD design, and prototype construction using the project management system.
- Use the Material Requirements Planning module to manage purchasing, inventory transfers, and manufacturing work order creation for materials required on projects.
- Use the optional Light or Advanced Manufacturing modules to capture production costs including raw materials, component items, outside subcontracted operations, and manufacturing labor.
- Optionally create work orders directly from Projects.
- Group work orders together into projects for reporting and costing.

Business Insights

Analyze and monitor Project Management data and transactions to gain more insights into each project element.

- Organize, analyze, and graph project costs, revenues, profitability, and resource utilization.
- Reports are available to show inventory transactions, cost transactions, committed costs, work in progress, project profitability, and more.