



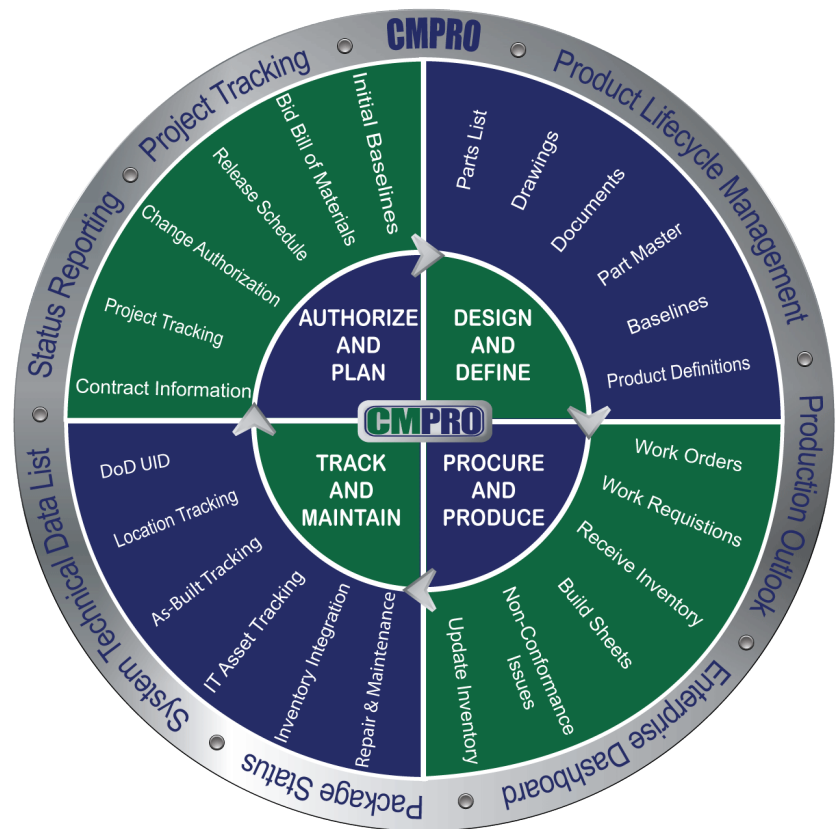
## Bridging The Gap Between Engineering and Manufacturing

**Product Lifecycle Management (PLM)** is the process of managing the entire lifecycle of a product from its conception, through design and manufacture, to service and disposal. **CMPRO** is a web-based, commercial off the shelf PLM solution with numerous out-of-the-box solutions and an architecture that allows for rapid customization around its core CMPRO engine to meet the needs of each client's unique business process environment (customization handled by PSA).

Integrating **CMPRO** into your business helps ease the success and management of your processes with integrated modules that provide end-to-end automation and a centralized repository of data. The centralized repository of data allows you to enter data once for use throughout the system which: *reduces labor costs, reduces data-entry errors, ensures the integrity of your data and allows for real-time status.* All of these components work together to establish data usability and integrity while improving the quality of your products.

### CMPRO Saves Time and Money with Modules that:

- ◆ Facilitate communication throughout the supply chain
- ◆ Optimize workflow by orchestrating the management and configuration of data processes
- ◆ Leverage information across the enterprise
- ◆ Enable collaborative product commerce within and across projects with discussions, polls, and document/drawing change routing
- ◆ Plan and administer projects with project management and workflow integration
- ◆ Review projects through reports that enable viewing progress, current status, scheduled completion dates and other metrics associated with projects.



### Highlighted CMPRO Features:

**Baselines** act as a central control mechanism for managing part data over time including: documents, drawings, software releases, and electronic change forms.

**Reporting** delivers critical business information taken from the entire database, there are many predetermined reports and an ad-hoc reporting option for your unique needs.

**Project Management** offers simple project management capabilities task/subtask level (see back for more details).

The experts at **Professional Systems Associates, Inc.** will work with your organization to understand your unique approach to business, the people you have, and the processes you use. This partnership approach to implementing and supporting CMPRO allows for successful product lifecycle implementation. For more information on CMPRO please contact Professional Systems Associates, Inc.





CMPRO provides simple **project management** (PM) capabilities that can be used to track activities at the task/sub-task level of granularity. This tool incorporates a collaborative work environment so team members can communicate within the project. Reports are available for viewing:

- ◆ Progress
- ◆ Current status
- ◆ Scheduled completion dates
- ◆ Other metrics associated with a project

One of the benefits of using CMPRO for project management is the *integration of workflow* into the PM process. In CMPRO, Action Items for a project are generated using a workflow-enabled form. That means that you can route and track action items just like any other workflow form in CMPRO. Action Items have an audit trail and can be related to other items that they affect.

The project management feature in CMPRO in conjunction with a workflow process allows management to:

- ◆ Track budget related items including labor costs, material, and travel
- ◆ Generate statistics for a single or all of the project's subtask and action item status
- ◆ Export project and subtasks to MS Project
- ◆ Duplicate a project's task and subtasks for speeding up the project creation process
- ◆ View the project tree and package status

The screenshot shows the CMPRO project management interface. On the left, a sidebar contains sections for 'Additional Data' (Annotations and Discussions), 'Additional Options' (Send E-mail Message, Show/Hide Table.Fieldname), and 'Admin Info / Options' (0002176017). A callout box labeled 'Collaborate' points to the 'Additional Data' section. The main content area includes a form for project details: 'Active' (Yes/No), 'Status' (WORKING), 'Start Date' (25-JUL-2005), 'Actual End Date', and 'Remarks'. A callout box labeled 'View and Manage Tasks' points to the 'Tasks' section, which contains a table with 7 tasks. Below the tasks is a 'POC(s)' section with a table listing Kristin McKay and Noel Witt. A 'Permissions' section follows, showing 'Owner' as Gordon Admin, 'Proprietary Group' as NONE, and 'Team Members' including Gordon Admin, Moë Parker, Aaron Davis, Nevall Admin, Kristin McKay, CF Kim Test, and Robbie Frankin. A callout box labeled 'Permissions' points to this section. The 'Budget Info' section at the bottom shows 'Total Budget' as 30, 'Total Cost' as 15, and 'Balance' as 15. A callout box labeled 'Budget Information' points to this section.

Task No	Status	Title	Due Date	Contract No	Charge No	Active
TASKS	WORKING	ACTIONS REQUIRED FOR				Yes
004-FOR-AARON	REJECTED	AARONS TASK FOR REQUIREMENTS TESTING	01-MAR-2010	987654321		Yes
005	WORKING	TITLE NOT PROVIDED				Yes
DOC-002	COMPLETE	CREATE ALL DOCUMENTS				Yes
DWG-001	COMPLETE	CREATE ALL DRAWINGS	28-SEP-2009			Yes
GORDONTEST1234	REJECTED	GORDON TEST TASK GORDON TEST TASK	15-APR-2009	12-340555		Yes
GTEST-TASK01	WORKING	GTEST				Yes

Full Name	Phone	E-mail	Remarks
KRISTIN MCKAY			
NOEL WITT		nwitt@psasys.com	test

Budget Info	
Total Budget	30
Total Cost	15
Balance	15



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