

C2MS COMMISSIONING MANAGEMENT SYSTEM



Be in total control of the completions and commissioning process with Ampcontrol's Commissioning Management System C2MS.

C2MS is an efficient, clear and easy to use package that tracks and controls actions, deadlines, responsibilities, equipment and inspection plans throughout the commissioning process; and enables you to quantify progress with accurate dashboard reports.

C2MS dramatically cuts down the time and effort spent producing commissioning inspection plans using equipment templates and a structured hierarchical model. It also enables you to organise inspections and test by equipment area and disciplines.

In the oil and gas sector C2MS supports the inspection, testing and final certification for the M&E completion and commissioning process for oil and gas, hazardous areas and modular hook-up projects.

The system core is built on standard Microsoft technologies, but leverages and interfaces with other technology and industry standard applications. Entire project results and data can be exported to files for inclusion into a document management system for archiving at the project conclusion, allowing traceability and auditing.

C2MS also provides user-friendly drawing management. Drawings that were part of the inspection plan pack can be ticked off as having required mark-up which are then scanned back in to the system. The marked-up drawings are then available for future inspections and reference for the drafting team.

C2MS increasing productivity

- Inspection plan scheduler linked directly to customised daily dashboard
- Tablet caching and offline operation where no network exists
- Generate accurate punch lists quickly
- Change inspection plans on the fly by master templates
- Equipment and plan area group filters for quick drill down
- Scan bar-coded inspection plan packs
- Photos can be taken as part of inspection plans
- Safety sheets can be added to the packs ie JSA/Take 5
- Automated approvals process

Commissioning system project dashboard

The dashboard is divided into several sections:

- Equipment List:** A table listing equipment items such as 'M3 M3 Conveyor Sample', '123 ABC EQUIP TEST', and '41511 M4 SWRM to M3 SAM M5E' with columns for status and priority.
- Daily Inspection Plans - 18/08/2014:** A table showing inspection tasks with columns for 'Equipment' and 'Due Date'.
- Punch List Items - 18/08/2014:** A table listing punch list items categorized by 'Control (Factory)', 'Electrical (Factory)', and 'Mechanical', with columns for 'Equipment', 'Status', 'Priority', and 'Description'.
- Project Punch List Item Summary:** A pie chart showing the distribution of punch list items across different categories.
- Project Inspection Plan Summary:** A pie chart showing the distribution of inspection plans across different stages.
- Current Project Summary:** A table providing a high-level overview of project metrics, including 'Pending Inspection Plans: 8,770', 'Scheduled Inspection Plans: 35', and 'Issued Inspection Plans: 2,254'.



1300 267 373

ampcontrolgroup.com



System features

- Print and scan inspection packs
- Generate punch list items
- Copy equipment with ease
- Schedule inspections
- Intuitive dashboards
- Full audit and revision control
- Equipment hierarchy supports ISA-95 standards
- Remote handheld tablet operation

Print and scan inspection packs

Inspection packs can be generated based on master templates, equipment lists and custom precedences. These inspection plans are barcoded, allowing for easy marking and later scanning back into the system.

Generate punch list items

Found a problem? Just mark the inspection plan as requiring a punch list item and scan it back in. A new action item will be automatically created for that piece of equipment.

Schedule daily tasks

Inspections and punch list items can be easily scheduled to a particular date. This allows you to quickly print out and later scan the day's required actions. Any incomplete tasks will automatically roll over to the next day.

Flexible dashboard

The system includes a dynamic dashboard which allows you to view today's tasks and graphically inspect your project's progress. Operations such as printing the days inspection plan pack can all be completed via a single click.

Full revision control

As drawings and inspection plans are scanned, the marked up documents will be automatically saved against each piece of equipment for future reference. A full document history is then maintained.

Remote workforce management

Dispersed commissioning teams are able to conduct inspections using C2MS offline functionality suitable to most robust industrial tablets. Full synchronisation with base server via wireless technology.

