CALDERA EPMT

Engineering Progress and Document Management Tool

The simple art of managing your Project
"Within Budget and On Schedule"

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OVERVIEW CALDERA EPMT

EPMT is an integrated Engineering document management system that combines major functions of the following into one:

- Planning – Man-hours and Resources allocation; Progress and Productivity Measurement; Schedule interface
- Document Control – Document Transmission; Storage (original and commented); MDR* Management
- Engineering – Setup MDR; Start, Issue and Review Documents; Productivity Management; Document 'Hold' Management

CAPABILITIES

- Produce an integrated Project MDR that is automatically updated in conjunction with DCC activities (actual document transmittance, additions/cancellations of documents etc.).
- Integration of major Discipline functions such as Project Controls, Document Control and Engineering.
- Providing key Engineering Management functions – Cost (Progress & Productivity), Schedule ('Baselining' and Forecasting Engineering activity dates Schedule interface for Actual dates).
- Easy access to physical documents (downloading all Project documents) – available on desktop and Web.
- Provides comprehensive Document status management (Doc count, rev history, rev cycle times etc.) and reporting (customized to fit Business Operations).
- Provide Benchmarking Productivity 'Norms' based on actual Project historical data.

ADVANTAGES

- Generating Project deliverables whilst minimizing laborious and redundant work processes amongst multiple discipline functions - improving productivity and efficiency on Project Execution.
- Providing 'All in one place' auditable, traceable and transparent process and data as well as improving interface with Clients.
- Generating comprehensive reports and form templates which are fully customizable to suit any Business operations.
- Providing Management with critical information Dashboard / Reports.
- Automatically notify users of document transmissions through in-built e-mailing functions. Ability to carry out Project analysis at the most detailed levels.
- Providing flexibility to set up multiple Engineering Milestone Gates in conjunction with Document Types.

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CALDERA EPMT REPORTS

REPORTS

Manhours and Progress Report
- Earned value S-Curve by discipline
- Overall S-Curve
- Manhours Histogram by Discipline
- Overall Manhours Histogram
- Manpower Histogram by Discipline
- Overall Manpower Histogram

Document Count Report
- Document Count Report by Document Type
- Document Count Report by Discipline
- Document Hold Update Report
- Document Hold Register

Progress & Productivity Report
- Project Progress and Productivity
- Discipline Progress Analysis Cumulative.
- Schedule Activity Progress Cumulative Group by CTR.
- Schedule Activity Progress Cumulative Group by Discipline
- CTR Progress Analysis Cumulative.

PROJECT EXECUTION

- Document Transmittal
  - Document Transmittal Report
  - Document Return Status (Transmittal)
  - Acknowledge Status
- Document Routing
  - Document Routing
  - Document Return Status
  - Document Return Status Summary
  - Document Revision History
  - Document Cancellation
  - Pending Document Review
- Planning
  - Lead Adjustment Report
- MDR Report
  - MDR External Report (for Client)
  - MDR Internal Report

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HARDWARE REQUIREMENT

SERVER REQUIREMENT

CPU socket:
- 2 x Intel Core 2 (2.66 Ghz, 128K cache) (Minimum)
- CPU: Quad 2GHz+ CPU (Recommended)

Memory (RAM):
- 2 GB (Minimum)
- 16 GB (Recommended)

Hard disks and available storage space:
- 160 GB hard disk with a 60 GB system partition (Minimum)
- 1 TB (Recommended)

CLIENT REQUIREMENT

CPU socket:
- 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor

Memory (RAM):
- 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)

Hard disks and available storage space:
- 16 GB available hard disk space (32-bit) or 20 GB (64-bit)

SOFTWARE REQUIREMENT

SERVER REQUIREMENT

Windows Operating System Clients:
- Windows 2012 Server
- Windows 2008 server
- Windows 2003 Server
- Ubuntu Server (For Linux)

Database Server:
- Postgresql Server
- SQL Server

FTP Server:
- FTP Server
- Xampp FTP Server

IIS Server:
- IIS Server (any version)

DotNet Framework:
- DotNet Framework 4.0
- DotNet Framework 4.5

CLIENT REQUIREMENT

Windows Operating System Clients:
- Windows 7 operating system or higher

Web Browser
- Internet Explorer 9 or higher
- Mozilla Firefox web browser
- Google Chrome (any version)

Microsoft Office:
Microsoft Office (Any version)
Email:
Microsoft Exchange (any version)

CALDERA EPMT

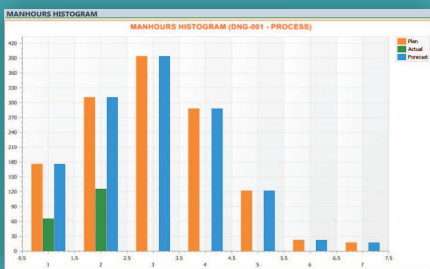Engineering Progress & Document Management Tool

The simple art of managing your Project
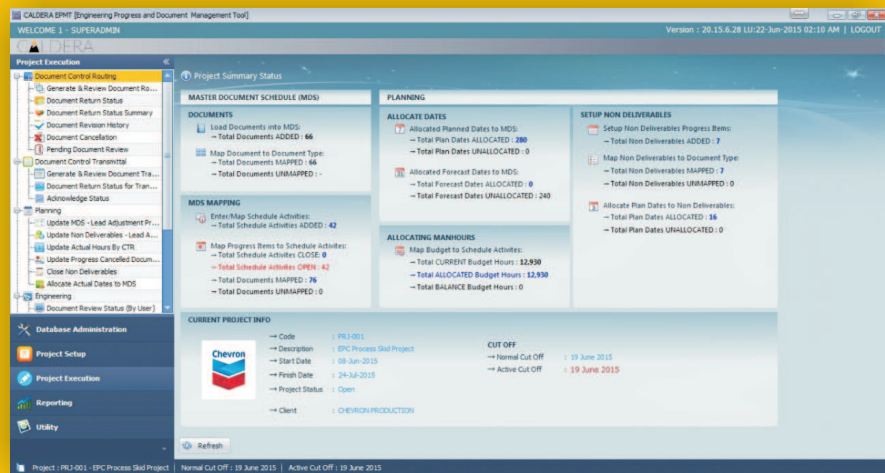"Within Budget and On Schedule"

PRODUCT SCREENSHOT

LOGIN

MAN HOURS HISTOGRAM

DASHBOARD

WEB REPORTING

DESKTOP REPORTING