

<b>Comparison of Wrench-Enterprise &amp; Other Document Management System</b>				
<b>S.No</b>	<b>Features</b>	<b>Other DMS</b>	<b>Wrench-Enterprise</b>	<b>Benefits</b>
<b>1</b>	<b>Project management</b>			
1.1	Project management functionalites such as defining deliverables, schedules, assigning resources etc.,	Not available	Available	Important functionality
1.2	Integration with Project management software Primavera\MS Project	Not available	Has bi-directional integration	Important functionality
1.3	Facility to define the Workflow process for a deliverable	Default product doesnot have workflow. Need to use addon module or 3rd party software	Powerful Workflow Engine with ability to have pre-defined workflow for document type can be configured.	Important requirement
1.4	Role based task assignment for activities in workflow	Not available	Workflow task are assigned to roles and users are defined for a project for the role.	Define users responsibility for a project
1.5	Updation of deliverable status based on workflow progress	Doesnot get updated	Automatically updates % completion status and actual date is captured as workflows proceeds	Required for project monitoring
1.6	Updation of Deliverable status based on document Lifecycle status	Doesnot get updated	Automatically updates the % status when documents are released	Required for project monitoring
1.7	Time sheet system	Not available	Used to capture the actual time spend by resource and generate reports based on Budgetted VS Actual	Required for project monitoring
1.8	Capturing and updation of Approval status codes	Not supported	Can be updated by Client or client representative and revision management can be defined based on the status	Important requirement
1.9	Reports	Reports can be generated based on document information only	Reports can be generated based on project information, deliverable status, document status, lifecycle status and project related information	Required functionality to get better project control

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<b>2</b>	<b>Document Management</b>			
2.1	Linking multiple documents to a deliverable	Need to create a Virtual document and link the file. But cannot be linked to a project deliverable	Multiple documents created using multiple authoring tools can be linked to a document deliverable	Important requirement
2.2	Linking Document Workflow with transmittal generation	Transmittals are not linked to document deliverable workflow	When transmittal is generated the workflow status is updated automatically	Important requirement
2.3	CAD data management	Handles individual CAD files as individual documents	Can manage Xref and reference information to master CAD drawings	Important requirement
2.4	Dynamic water marking based on document status	Not available	Prints watermark on document as per the status of the document workflow	Can identify the status of printed document
2.5	Integrated viewer	Need to buy separately	Has integrated viewer	Better integration
2.6	User Print and View log	Not supported	Can log the view and print	
2.7	Revision/Version based on document lifecycle	Can have only limited version scheme	Can have different version scheme based on document lifecycle	Important requirement
3	Email integration	Not supported	Has out of the box integration. Notification and Transmittals can be posted to Email	Important requirement
4	Correspondance management	Can store and retrieve correspondances	Manages complete lifecycle of correspondance.	Important requirement
5	Search	Search possible only based on document properties or attributes	Search engine which can retrieve the document based on document meta data, contents and project information	Easy retrieval of information
6	Data Security	Document based security	Can define security for a project, deliverable, document category, type, user etc.,	Important requirement
7	Linking document to equipment no or parts	Equipment no is only an attribute for a document	Equipment can be selected from the equipment and referred to one or many documents	Important requirement

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8	Vendor document handling requirements	Vendor information is stored as an attribute to the document and its workflow is managed	Vendor can be selected from a vendor master and can be linked to a equipment and its deliverable. The document lifecycle for vendor handled can be handled in WRENCH	Important requirement
9	ERP integration	Need to buy integration tools separately	Can be integrated with most standard ERP's	Important requirement
10	Configuration	Needs to define the configuration requirement upfront and changes are difficult	Very easy to change the process at later date	Flexibility
11	Information Hierarchy	Document can be linked to its attributes and attribute data to be manually populated	Can link documents, Drawings to project, project type, equipment etc.,	Data entry is drastically reduced
12	Collaboration Tools	Collaboration requires a tool call Eroom software which is an addon solution	Collaboration done on the integrated Viewer over the web using streaming technology	More easy to use
13	Closed Loop Change Management	Change Management is handled only of the document	Change management can be extended to schedule, budgets, project plan and is close looped	Required to ensure proper tracking and management of
14	Construction and commissioning certification system	Not supported	Manages complete lifecycle of certification of construction and commissioning of equipments	Important requirement for EPC companies
15	Minutes of meeting management	Handled as documents	Handled as a database with clear definition of responsibilities	Important requirement
16	Escalation and notifications in case of delay	Can be defined for a workflow of a document	Can be defined for a deliverable and Minutes of the meeting action points	Important requirement

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17	Time taken to upload from branch office or distribute large size files to construction site over internet	Time taken is high as file is uploaded over the internet. Bandwidth required is high	Uses a satellite server which is located in the location where such files are uploaded or downloaded and servers exchange data between them during off peak hours and the user at that location get the file over a local area network and thus time taken by user is reduced	Improves productivity