CoreWorx vs ProjXsense
A Comparison of Features and Benefits

CoreWorx is a documentation management system that appears to be held in high regard by a number of companies designing or undertaking large capital projects such as found in the offshore oil and gas industry. Chevron, Fluor, and J. Ray McDermott, among others, are all using or considering the use of CoreWorx on their projects.

The information about CoreWorx tabulated below in the left hand column was extracted from the Products page of CoreWorx's web site. Under the heading, "CoreWorx enables Owner/Operators and EPCs to control and automate engineering & construction processes in capital projects", the page describes CoreWorx's capabilities.

In the right hand column of the table below is a comparative description of the features in ProjXsense, the Online-Projects.Net system for managing documentation and information. As seen from this comparison, the functionality and features of the ProjXsense meet or exceed those of CoreWorx.

COREWORX GENERAL FUNCTIONALITY	PROJXSENSE GENERAL FUNCTIONALITY
• Rapidly deploy project-centric repositories of engineering & construction content	**Yes** – ProjXsense is designed around project-centric repositories. A new project can be opened at a click of a button.
• Automate document control functions, including: metadata population, package creation and integrity checking, version control, approval workflows, exception alerting, transmittal receipt/generation and extensive built -in document reporting	**Yes** – ProjXsense includes the features mention by CoreWorx and more. The system can import multiple documents in batch mode, track document status, and can export specified groups of documents together with an automatically crated index of metadata.
• Rapidly communicate interface issues between multiple contractors and manage the flow of resulting change notices and interface agreements	**Yes –** Interface issues between multiple contractors can be handled in various ways. Depending on the issue a user may elect to use a workflow process, the change order tracker, the action list, or the internal email system to communicate the matter. Alternatively, we will design and build a custom routine to handle interface issues.
• Enhance inter-departmental and partner communications	**Yes** – Communications between all project participants, i.e. engineering, clients, owners, consultants, vendors, contractors, and fabricators, is enhanced through our secure, intuitive, easy-to-operate interface.
• Provides detailed audit trails across all content - related project activities & communications that facilitates claims preparation management	**Yes** – A complete and accurate record of all changes to site content is maintained at all times.
PROJECT INFORMATION CONTROL	
Coreworx is used to manage and control the content and related business processes involved in the execution of capital projects. Engineering documents, drawings (including 2D & 3D CAD), email, faxes, correspondence, procedures, specifications, RFIs, RFPs, transmittals, change orders; all of this project information is captured, reviewed, revised, approved and distributed with Coreworx. Every project team must be able to manage all of this content and its related processes while securely connecting a user base that can span several continents, dozens of companies and hundreds (if not thousands) of individuals. Each project also typically has unique regulatory and contractual requirements that must be reflected in the	**Yes** – ProjXsense manages and controls all content and related business processes, irrespective of type, securely, and without regard to numbers of users or location. In addition, ProjXsense monitors the progress of content development by tracking the status of each document and correlating its status to engineering milestones.

way that they interact with project content. This complex intersection of technical content, critical project processes and unique individual project needs is what led to the development of Coreworx.	
WHAT'S IN COREWORX?	
Globally, Coreworx is used to manage more than 400 projects in over 50 countries, representing approximately $500 billion in capital and supporting more than 70,000 users. The Coreworx solution is composed of several modular components:	**Yes** - ProjXsense contains several subsystems or features that could have been modularized; however, we found it more expedient to combine everything a single application.
• **Coreworx**, a secure, scalable web-based system that can support hundreds of projects across an enterprise	**Yes** - ProjXsense can support as many projects as you like.
• **Coreworx Project Repository**, a flexible technical document management system that document controllers can rapidly configure to meet their project's unique requirements (without the need for programming or consulting)	**Yes** – Our repository can be described as a flexible document management system; however, there really is nothing to configure. Because of the intuitive interface that is built into the system, there is no need to configure a file folder structure.
• **Coreworx Workflow**, a powerful workflow engine that automates and controls business processes associated with the project content. Available tailored workflow packages include: ○ Coreworx Transmittal Management	**Yes** – Our workflow system is powerful and yet intuitive. Serial, parallel, and conditional processes can be implemented. Email escalations track the status of the process. Tailored workflow packages are unnecessary because workflow processes can be created on the fly by just writing a set of simple instructions which can be saved and used again. There is no need for complicated workflow diagrams. Our document transmittal system is unmatched. Features include automatic transmittal preparation, named distribution lists, email notifications, monitoring of acknowledgements, tracking of responses, direct links to documents, transmittal forwarding, transmittal resending, FTP transfer of multiple documents, and more.
• **Coreworx View/Markup**, view and markup tools that enable project members to review and collaborate on everything from MS Office documents to 3D CAD drawings without requirement for the native application	**Yes** – ProjXsense is WebDAV enabled allowing collaboration, annotation, and digital signatures on Adobe Acrobat documents.
BENEFITS OF COREWORX:	
Accelerate project schedules and avoid delays.	
• Rapid project startup and configuration	**Yes –** New projects can be set up within five minutes.
• Rapid resolution of interface issues	**Yes –** Intuitive communication methods resolves interface issues rapidly and maintains a record of the resolution
• Robust search eliminates time wasted searching for the right document	**Yes –** Intuitive search routines enable documents to be found almost instantaneously. Search from the Home page using any part of the document number, title, keyword, of filename. Also search by document type, group, category, subcategory, status, author, recipient, file type, or date range.
• Alerts and escalations to deal with bottlenecks before they cause delays	**Yes** – Automated email notifications and escalations, site notifications, activity and task status indicators and reminders all help avoid delays.

• Automation of transmittals and other key project processes reduces cycle times	**Yes** – The automation of transmittals and the ability to monitor required replies reduces cycle times
• Avoid errors and miscommunications by ensuring access to correct documents	**Yes** – Access to correct documents is ensured through an intuitive display of document metadata thereby avoiding errors and miscommunications.
Control and eliminate project costs.	
• Managing multiple projects on a common infrastructure reduces support costs	**Yes** - Managing multiple projects on a common infrastructure reduces support costs. New projects are optionally setup with parameters identical to their source projects.
• Reduced reproduction and courier costs through electronic document distribution	**Yes -** Electronic document distribution will reduce reproduction and courier costs; however, when hard copies are required, we are able to automate that process also, reducing costs even more.
• Avoid rework due to version errors	**Yes –** The latest version of a document may be displayed if desired.
• Audit trails reduce claim/litigation prep time	**Yes –** Maintaining an activity log of all changes to site content reduces claim/litigation prep time
• Automation of document control functions reduces document control overhead	**Yes -** Automation of document control functions reduces document control overhead. If there is a specific control function that you would like to see automated, we would be happy to incorporate it into the system.
Mitigate project risks.	
• Automation of work processes ensures compliance with contractual obligations	**Yes -** Automation of work processes ensures compliance with contractual obligations. Our workflow system can automate most processes; however, if there is a specific process that you would like to see automated, we would be happy to incorporate it into the system.
• Interface Management solution helps avoid costly and contentious interface-related errors	**Yes –** ProjXsense includes many ways of managing interface-related issues; however, if there is a particular method that you would like to see included, we would be happy to incorporate it into the system.
• Audit trails ensure record of decisions and transactions for addressing claims	**Yes -** Maintaining an activity log of all changes to site content ensures that a record of decisions and transactions will be available for addressing claims
• Ensure accurate and complete as-builts and other project content at handover	**Yes -** Accurate and complete as-builts and other project content are automatically grouped and indexed at handover
• Corporate standards can be enforced without sacrificing individual project requirements	**Yes -** Corporate standards are made readily available so that they can be enforced without sacrificing individual project requirements.