

■ **Product Overview**

Open Text Construction Management

Streamline the design, building, operation, and maintenance of your construction projects

Construction is a fragmented industry. A typical project is made up of independent parties working together under a construction manager. Architects, designers, engineers, contractors, suppliers, and manufacturers must coordinate their efforts across different locations, often using disparate technologies developed specifically for their professions. From design and building to ongoing maintenance or facilities management, construction projects involve multiple phases—with minimal collaboration from one phase of a project to the next—increasing risk and chances of miscommunication. In addition, each project team member must track multiple versions of Computer Aided Design (CAD) drawings and manage Requests For Information (RFIs), change orders, and massive amounts of critical information. For a single project, many complex documents are drafted and revised both internally and externally, involving groups and departments both inside and outside of the company. As design and construction teams are under increased pressure to reduce risk, control costs, and optimize project schedules, Web-based collaboration promises to help coordinate design and build activities to provide better quality and shorter time-to-market.

Jointly developed by Open Text and Causeway Technologies for the Architecture/Engineering/Construction (AEC) and Engineering/Procurement/Construction (EPC) markets, Open Text Construction Management (also known as Causeway Collaboration when it is sold by Causeway Technologies or its resellers) delivers a single unifying solution that streamlines the design, building, operation, and maintenance of construction-related projects. As a Web-based collaborative environment, Construction Management gives geographically dispersed members of a team access to projects, processes, and information via the Internet. With just a username and password, team members can access a comprehensive set of integrated enterprise services, including virtual team collaboration, document and records management, search, automated forms and workflows, and group scheduling. From the development of proposals to the establishment of standards and the review of drawings, Construction Management gives organizations the ability to mine data across all phases of an AEC project. It controls the flow of information, materials, and labor for any project, uniting the architects and engineers with contractors and owner operators. Regardless of the size of your project, Construction Management provides a scalable and secure solution for enterprise intranets, online communities, departments, project teams, or individual task management in the construction industry.

Fully integrated information management

In the construction industry, effective project design and control are dependent on accurate information. Poor information can lead to project delays, uneconomical decisions, penalty clauses, or even the complete failure of a project. Since even the smallest project can generate huge amounts of information, it is important to manage the bulk of information and work with the most current versions. By providing powerful knowledge repositories and robust document management functionality, Construction Management gives users easy access to vital information and expertise. Using the product, they can easily share information, documents, drawings, and strategies, which reduce the risk of errors, miscommunications, or missed deadlines.

- Store and manage CAD drawings, RFIs, issue sheets, instructions, submittals, AEC-specific forms, and more.
- Track and manage innumerable versions, attributes, document relationships, workflow maps, and change histories ensuring that only the most recent technical drawing documents are used during planning and construction projects.
- Check-in/check-out, review, markup, and comment on up-to-the-minute versions of drawings, documents, and files and obtain a complete audit trail of these objects, including a record of why changes were made. You can audit information down to one version level and even audit the capture of documents within workflows.
- View and redline documents, including CAD drawings. Comments can be added to a CAD file and saved back into the system. Using the AutoVue feature, you can markup several layers of a drawing and save these as separate annotation objects for storage in the Construction Management repository.
- Search and index markup text. Construction Management's powerful search functionality gives you on-demand access to information, even if your knowledge base spans distributed and diverse network environments and repositories. Even PDF, CAD drawings, and annotations are searchable.
- Guarantee the security of your system with nine levels of access permission that can be applied to a document, folder, or any other object type in the repository.

Better quality information allows you to identify problems earlier, reduce risk, safeguard against conflict between parties, and deliver projects more effectively. By replacing fax and paper-based communication, Construction Management enables you to increase efficiency, reduce costs, and improve accountability.

Construction Management features

- Streamline the design, building, operation, and maintenance of any construction-related project.
- Quickly form virtual project teams across functional, organizational, and geographical boundaries.
- Reduce the risks associated with inaccurate information.
- Improve competitiveness by ensuring the timely delivery of bids and proposals.
- Easily track CAD drawings, progress reports, change requests, and expenditures using automated forms and workflows.
- Leverage best practices and operational data from previous projects.
- Reduce administrative, application training, and print costs.

Global projects, virtual teams

Too often, projects fall behind, because architects, field managers, project engineers, and inspectors are geographically dispersed and don't have the time to coordinate their efforts. Construction Management enables global teams to collaborate, make decisions, share resources and best practices, and leverage content to meet their objectives by providing them with an organized workspace to store ideas and information related to the project.

Construction Management's collaborative services allow you to:

- Manage every aspect of a project with secure project-based libraries, workflows, and task lists.
- Form virtual teams—on the fly—with a click of the mouse.
- Keep deliverables on track with consolidated task lists and milestone tracking.
- Keep your team focused and up-to-date with the latest project information with news channels, LiveReports™, Report Generators, and multi-threaded discussions.
- Monitor any project, document, revision, workflow, or event across multiple projects anywhere in the repository with intelligent event notifications via a standard email client.
- Shorten review and approval cycles with automated workflows.
- View and edit project calendars on the road or at home. Because it works in real-time, Construction Management's integrated project calendars ensure that project members have an accurate view of everyone else's available time.
- Access your construction site remotely via live Web cam services and record periodic snapshots into the project.

By centralizing resources and saving valuable time, Construction Management gives organizations the corporate agility needed to stay ahead of knowledge management demands and meet rapidly changing business challenges.

Streamlining the proposal process

In the construction industry, acquiring and maintaining business depends on the ability to fully understand a client's requirements and then present quality proposals that can be stored for reuse. By deploying Construction Management, organizations in the construction business can post their requirements on an extranet and then have multiple suppliers bid on proposals in a secure environment. Information can be downloaded directly by logging into a projected server. Capturing tacit knowledge for reuse in future proposals provides long-term benefits in the form of competitive advantage and time and cost savings. Construction Management enables you to streamline the entire construction process, so products can be found, specified, configured, estimated, bid on, and procured.



Causeway Technologies

Causeway Technologies is a leading supplier of collaborative, commercial, and supply chain solutions to the global construction industry, meeting both enterprise and project centric needs for collaboration, document management, estimating, tendering, purchasing, project cost control, works management, and financial accounting.

Causeway has extensive experience in delivering integrated solutions that underpin the complex business processes typical of project-based organizations. Causeway's solutions are already providing proactive support for key design, construction, and maintenance processes on major infrastructure projects around the world.

Causeway Technologies, Inc. is listed on the NQBS:OTC market in the USA and has offices worldwide.

For more information about Causeway Technologies, visit <http://www.causeway.com/>

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