

Autodesk®
Constructware®

Standardize.
Optimize.
Control.



Autodesk®

More productivity, more success—from start to finish.



With each new project, budgets get tighter and schedules get more aggressive. You respond by working even harder to increase productivity. That means keeping communication flowing, and mitigating risks to cost, scope, and quality.

Standardize

- Establish standard practices for collaboration and information sharing
- Automate business processes and reporting in a configurable environment
- Centralize project drawings, documents, schedules, and cost management processes

Optimize

- Monitor performance and project status—on demand—to prevent delays
- Exchange project data with other business applications more smoothly
- Manage projects proactively and spend less time looking for answers

Control

- Expedite design reviews, changes, and approval processes with automatic notifications
- Track pending change orders and accurately forecast cost-to-complete as changes occur
- Gain transparency and promote accountability across projects and programs

Relying on ad hoc processes and phone, fax, and email to communicate makes it increasingly difficult to stay on top of projects—much less boost efficiency.

What if your project teams were able to carry out projects with readily accessible information and standardized processes—from start to finish? And what if you were able to control and monitor every aspect of team communication and collaboration? You could improve accountability and control, face fewer construction delays, and streamline collaboration across your entire project team. The end result? Increased efficiency and productivity.

Autodesk® Constructware® on-demand project management service, a part of the Autodesk Collaborative Project Management suite of solutions, helps you standardize and optimize business processes while controlling costs. It provides an easy-to-use, on-demand environment for project management and collaboration—connecting people, information, and processes so that your projects run smoothly to completion and beyond.

Centralize, Standardize, and Optimize

In today's competitive environment, there isn't much margin for error when it comes to designing, constructing, developing, or operating facilities. To be successful, you must complete projects on time and on budget. Only with the right construction project management tools and business processes in place can you effectively keep projects moving forward and extended project teams on the same page.

You cannot afford to have incorrect drawing versions circulating among design and engineering consultants; delayed request for information (RFI) or change order responses during construction; unanticipated cost overruns; or miscommunication across your project team. But traditional methods of working—such as email, fax, and disconnected spreadsheets—fail to give you the degree of control and process standardization you need.

To compensate, your team members waste valuable time trying to manually coordinate processes across various organizations so that nothing falls through the cracks. Without an efficient way to promote standardization, you could risk every project team developing a new array of ad hoc processes for each project.

Execute Successfully—From Design to Construction to Operation

Autodesk Constructware enables you to manage crucial processes throughout the building lifecycle using a centralized, accessible service. Designed to optimize and standardize business processes, Constructware helps you to move from ad hoc methodologies to a best-practices approach as you plan, construct, and operate your facilities.

With Autodesk Constructware Collaborative Project Management, you connect your extended project teams to processes, information, and each other, helping you to drive efficiency and consistency during every stage of your project lifecycle.

Autodesk Constructware can be implemented quickly, and the Autodesk Professional Services team helps to ensure a smooth transition. With several configuration options and multilevel security, Constructware enables you to adopt more consistent processes with minimal disruption to your business. Best of all, it supports each stage of the building lifecycle so that you can standardize, optimize, and control:

- **Document management:** Centrally organize, manage, and track all project-related documents, contracts, and information to mitigate risks and keep projects on track. Features such as version control, search capabilities, and file-level discussion help project teams focus on completing tasks instead of tracking down information.
- **Design management:** Streamline the review of conceptual and schematic designs, documents, and information, speeding approvals and promoting productive collaboration across disciplines. Automatic notifications of design changes and reference file management keep people informed—and accountable—when changes affect their portions of designs.
- **Bid management:** Coordinate the preparation, distribution, and award of bids to improve efficiency and control construction costs. Disseminate plans and specs in a fraction of the time it takes with traditional methods, evaluate competing bids quickly and efficiently, and accept winning bids with a few mouse-clicks.



- **Cost management:** Enforce standardized cost management practices so you can effectively track and forecast budgets and expenditures for individual projects and across multiproject programs. Custom reporting, flexible ledger designs and workflows, and data exchange with accounting systems provide the capabilities you need to stay on top of costs.
- **Construction management:** Accelerate construction management processes and communications by automating routine functions, such as RFIs, transmittals, meeting minutes, change orders, and reporting. Automatic notifications, streamlined exception reporting, histories, and project management dashboards help you to prevent delays and expensive surprises.
- **Operations management:** Take advantage of complete facility information to improve the operational life of your facilities from a single, centralized, and secure location. Accessible as-builts, maintenance schedules, and equipment information streamline everything from routine repairs to major remodels.

Constructware allowed everyone involved in the project to see the same information at the same time, positioning the owner reps to make timely decisions, the architects to respond to questions rapidly, and the subcontractors to be more accountable and responsive. Constructware assisted us in maintaining schedules because we were able to streamline the flow of information and enhance turnaround time.

—Brett Pitcairn

Project Engineer on a 133,000-square-foot research center for Carnegie Mellon University

Constructware pulls everybody into the loop, so that the engineers, architects, even subcontractors can access pertinent files and information. It is a very fast, efficient way to get information from the design team to the construction team with no lost time.

—Richard Terk

Vice President of Project Management
Engelberth Construction

Benefits You Can Build On

With improved communications, standardized processes, and enhanced control, Autodesk Constructware helps you eliminate many of the problems that can jeopardize the success of your projects. Turn to Autodesk Constructware to

- Improve accountability and productivity across project teams
- Accelerate the pace of routine processes
- Save time throughout the life of your project
- Proactively mitigate risks to project costs and schedules

More than 900 organizations use Autodesk Collaborative Project Management to keep their projects on track. Find out how you can join them by calling **866-815-3501 (+1-415-356-0700** outside the United States) or visiting **www.autodesk.com/constructware**.