

Bentley Expert Designer Communications

Streamlined, Intelligent Network Design for Communications Service Providers

Bentley Expert Designer Communications improves the efficiency and throughput of infrastructure design by merging network design and work management in a single environment. It employs an architecture that is GIS and work management system (WMS) independent, allowing enterprises to easily integrate it into existing work environments.

Integrated Modeling and Documentation Workflows

Bentley Expert Designer Communications provides a common environment for comprehensive project delivery and connects users, projects, and your enterprise. You now have a personal portal to access learning, communities, and project information. You can also share personal files including i-models and PDFs directly from your desktop with other users, or stage them for easy access from a Bentley app, such as Bentley Map Mobile. With the new project portal, your project teams can review project details and status, and gain visibility into project performance.

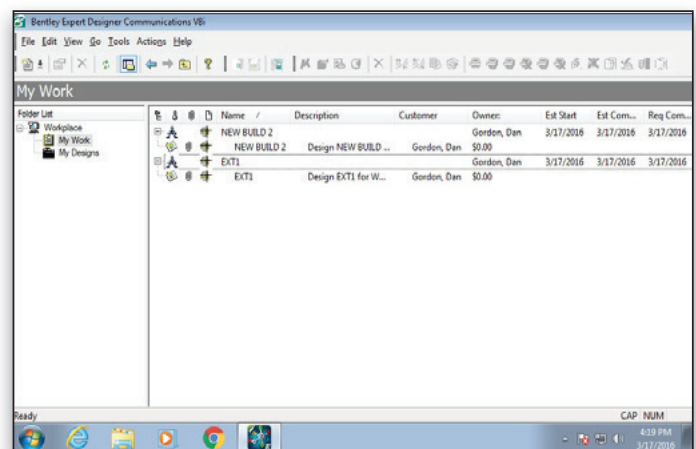
Powerful Functionality to Ensure Streamlined Design Workflows

Bentley Expert Designer Communications includes sophisticated functionality for work order management, job closeout, disconnected contractor workflows, and process measurement and tracking. It interfaces with a variety of WMSs to streamline the process of managing projects from inception to completion.

Bentley Expert Designer Communications enables designers and their supervisors to monitor and fulfill work requests. All parties in a workflow are automatically notified of any status change of a request, giving everyone notice not only of today's work, but also of future and past-due work. The software integrates seamlessly with Bentley Communications products and comes complete with three preconfigured workflows that can be modified by the user to meet organizational requirements.

Seamless Integration with Bentley Communications Products for High Productivity

Work requests can be generated with Bentley Expert Designer Communications or created and assigned via integration with third-party WMSs. After a work request has been created, the integration of Bentley Expert Designer Communications with the Oracle Workspace Manager allows a named, long transaction workspace to be created. As soon as this has been done, Bentley Communications is launched from the Bentley Expert Designer Communications interface and connected to the new workspace.



Tasks generated in a work management system flow through to the designer's work list automatically and administrators can easily review the state of any task.

Contractors Empowered by Support for Disconnected Workflows

New to Bentley Expert Designer Communications is support for disconnected contractor workflows when VPN access to the engineering documentation server is not permitted. Locked and assigned features in the Oracle workspace can be exported for editing by contractors and re-imported when projects are completed.

Configurable Business Workflow for Optimal Flexibility

Bentley Expert Designer Communications offers a fully configurable workflow engine. In addition, it can easily manage even complex workflows.

Support for Work Management and Asset Management Solutions Speeds Job Throughput

Standard message-based interfaces are implemented quickly. This saves costly development time while reducing overall risks of budget and schedule overruns.

Automatically Generate Detailed Audit Trails for Management Reports

User actions, including reviews and approvals, are captured and can be later reviewed for audit purposes. Historical information such as the user, date, and time is recorded as a design or project transitions between the various stages of a work request.

System Requirements

Refer to the 'Requirements' section of the Bentley Utilities Designer ReadMe file:

www.bentley.com/BEDC-Specs

Find out about Bentley at: www.bentley.com

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Bentley Expert Designer Communications At-A-Glance

Comprehensive Communications Network Design

- Interfaces with WMS to streamline the process of managing projects from inception to completion
- Retrieves and submits work requests in batch mode or as scheduled events
- Allows users to modify the work details of a design to allow for costs and descriptions of each work request created

Workload Management

- Uses Workplace Today, a powerful and configurable data organizer that can be tailored to the user's preferences to provide intuitive lists for pending, past-due, and in-progress work
- Tracks the timelines of each project and shows which ones need attention
- Calculates the duration of each project and stores notes about project details

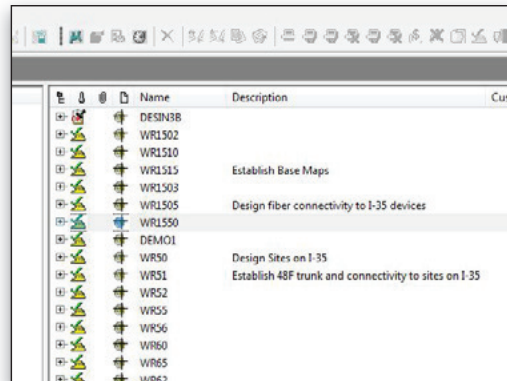
Intuitive Interface

- Adheres fully to Windows application standards

- Lets users customize the way information is displayed as well as the toolbars, shortcuts, and other navigational tools

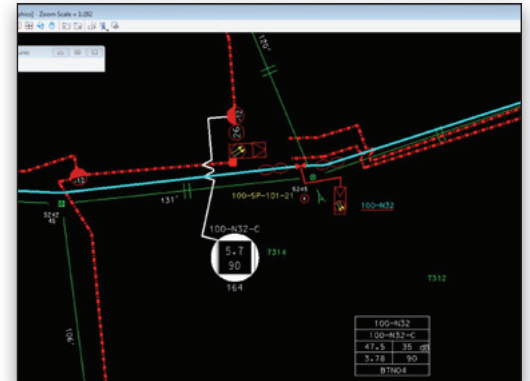
Integrated Work Management

- Manages work requests and designs in either a stand-alone mode or in combination with users' WMS
- Provides seamless integration with an external WMS
- Supports the most widely used WMS products on the market
- Keeps track of the lifecycle status and scheduled due date of every job as it progresses from initiation through completion
- Treats work requests and designs as discrete data sets and stores them in separate folders
- Provides access to rendered drawings from the work request
- Helps users find information faster and organize it in different ways for viewing—by due date, project type, work request name, customer name, and more
- Deploys easily with legacy systems as well as third-party business solutions across the enterprise



	Name	Description	Cust
(+)	DESIN38		
(+)	WR1502		
(+)	WR1510		
(+)	WR1515	Establish Base Maps	
(+)	WR1503		
(+)	WR1505	Design fiber connectivity to I-35 devices	
(+)	WR1550		
(+)	DEMO1		
(+)	WR50	Design Sites on I-35	
(+)	WR51	Establish 48F trunk and connectivity to sites on I-35	
(+)	WR52		
(+)	WR55		
(+)	WR56		
(+)	WR60		
(+)	WR65		
(+)	WR62		

Completed tasks are easily available for review.



Once the Bentley Expert Designer Communications interface is configured, designers can immediately begin to execute their tasks in the relevant Bentley Communications application.