What is Bentley iWare

An overview of Bentley iWare Apps

Bentley®
Advancing Infrastructure

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iWare

An overview of Bentley iWare.

See the list of available iWare applications, OS and what they can be used for and what kind of license is needed for the different apps.

You will also learn about Connect Advisor, and what's in the pipeline.

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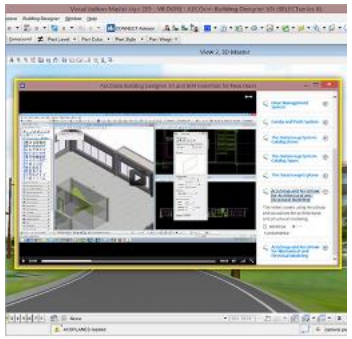
CONNECTION Client



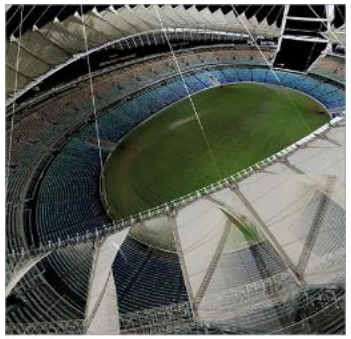
CONNECT Advisor

ContextCapture Viewer

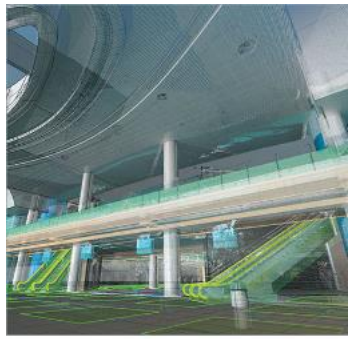
AGS Toolkit

Bentley Configuration Explorer

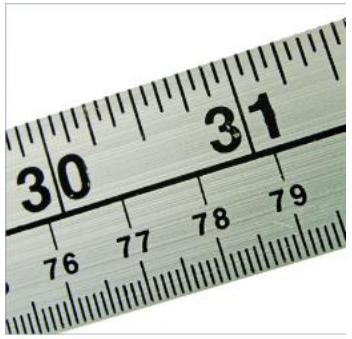
Bentley DGN Reader for Windows



Bentley Pointools PODcreator



Bentley Pointools View



FlexUnits

iModel ODBC Driver 1.6

i-model plug-in for Revit

ISM Revit plug-in

Bentley Map Mobile Publisher

ProjectWise i-model Packager

Structural Synchronizer

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CONNECTION Client

The CONNECTION Client is **your gateway to Bentley's cloud services, portals and analytics**.

By signing into the CONNECTION Client you can find your company's projects, track your time, explore analytics, download software updates, receive relevant notifications, and access other features available to you as a Bentley user. Signing into the CONNECTION Client is a prerequisite to participate in CONNECT capabilities provided through your Bentley desktop applications (CONNECT Edition or V8*i* with CONNECT Services).

Delivered with MicroStation

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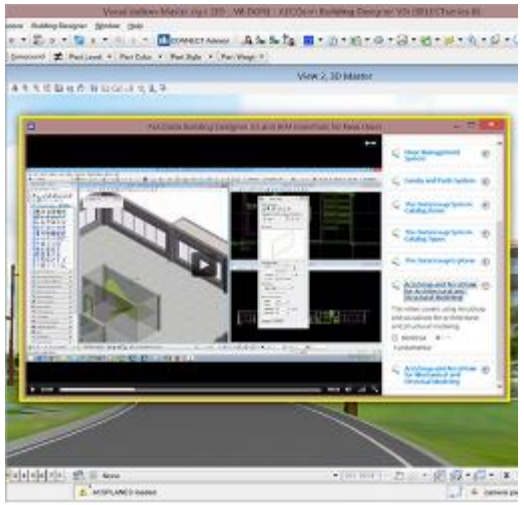

CONNECT Advisor

Master the use of Bentley applications through **personalized, in-application contextual learning**.

You will have the ability to browse, search, view, interact without having to exit the application or project that you working on. CONNECT Advisor boosts productivity by providing quick access to valuable and personalized content related to your activities and interest. Learn content includes Quick Starts for new user onboarding, in-application feature and workflow videos, on-demand courses, live virtual training, personalized learning paths, and more. Learning benefits previously provided through a Learn Subscription are now available instead to every SELECT and ELS subscriber.
As Bentley V8*i* user, you can take full advantage of all the CONNECTservices, including Adaptive Learning Services by downloading the CONNECT Advisor.

Delivered with MicroStation CONNECT Edition

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ContextCapture Viewer

With the ContextCapture Viewer, you can easily **explore and precisely measure reality meshes** of any scale created with Bentley's ContextCapture software. You can easily switch on or off the display of phototextures, triangulated surfaces and point clouds to better understand existing conditions.

Available as separate download

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AGS Toolkit

Equips geotechnical and geoenvironmental practitioners to **validate AGS files and use them in Excel**.

Quickly validate AGS 3.1 and AGS 4 files and convert them to the Excel format. Bentley's AGS Toolkit checks any number of AGS files at the same time, to:

- Detect file errors
- Find conditions that could compromise data quality
- Find unnecessary or redundant data or missing, non critical, descriptive data
- Display messages by severity, AGS data groups, or line number
- Generate data statistics such as the number of records in each file, hole counts by type, total drilling length, and sample type

AGS: Association of Geotechnical and Geoenvironmental Specialists

Available as separate download

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Bentley Configuration Explorer

You can use this application to manage and diagnose Bentley applications by easily **exploring and investigating configuration files and variables**.

Bentley Configuration Explorer's comprehensive analysis and presentation enables you to have a clearer and deeper understanding of the inner-workings of most Bentley DGN-based applications. Through its easy-to-use interface, you can customize Bentley applications with live editing capabilities, a descriptive variable library, and detailed comparison of workspaces. You can now align Bentley applications with their workflows and processes to enhance productivity.

Available as separate download

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Bentley DGN Reader for Windows

You can easily access architecture and engineering models with the ability to **view, pan, zoom, and rotate 2D and 3D DGNs and i-models from within Windows Explorer** and any Windows application, such as Microsoft Outlook, that uses the preview capability.

Delivered with MicroStation

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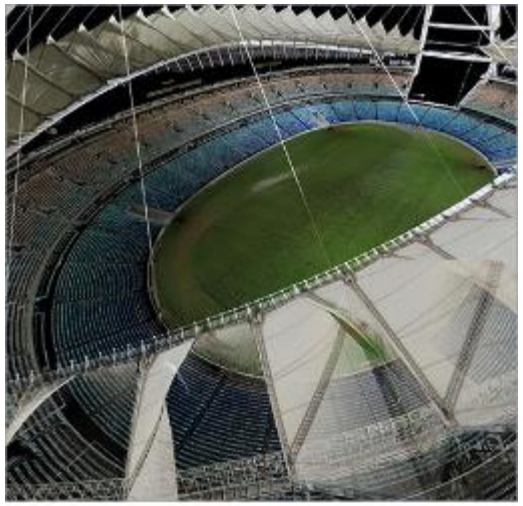

Bentley Pointools
PODcreator

Batch import of point-cloud data from various laser scan formats. **One-time creation of point-cloud POD files** for distribution and reuse across a range of Bentley Products Bentley Pointools PODcreator is for consumers of multiple point-cloud data formats and professionals who need to convert laser scan data for use within Bentley Pointools or any MicroStation-based application. Bentley Pointools PODcreator enables one-time batch processing and conversion of a range of 3D laser scan formats to the POD file format streamlining scan-to-model workflows.

Available as separate download

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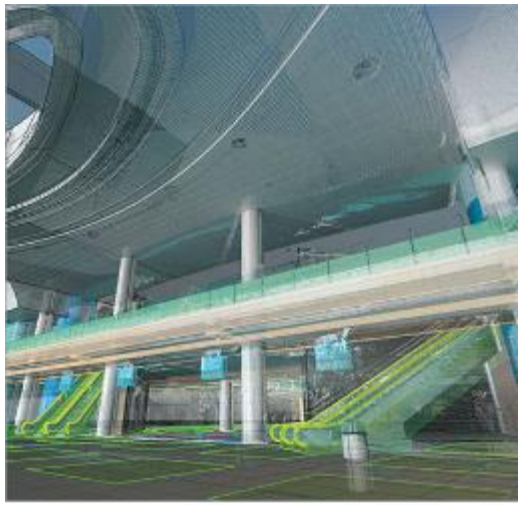

Bentley Pointools View

Use Bentley Pointools View to **provide feedback on a point-cloud model** in progress or to review the final model. This app helps you accelerate approvals and reviews by allowing project reviewers, consultants, or clients to provide feedback quickly.

Available as separate download

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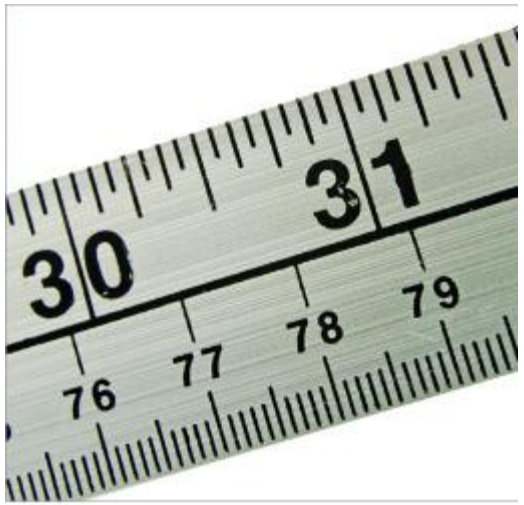

FlexUnits

Easily perform **unit conversions**

Download FlexUnits today and keep it on your desktop to easily perform unit conversions for virtually any dimension type including flow, length, velocity, viscosity, area, volume, torque, temperature and more.
Customize units and dimensions to create your own unit conversion library and share it with colleagues and friends.

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iModel ODBC Driver 1.6

Access business data and architectural, engineering, construction, and operations information embedded within iModels using Excel, Access, Visual Studio, PowerBI or other Windows applications supporting ODBC. With the ability to access this information, you can easily view, analyze, and report on object information and business properties using familiar tools.

Delivered with MicroStation

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i-model plug-in for Revit

Save your Revit models in a way that lets others open them in MicroStation, Bentley Navigator, AECOsim Building Designer, and any other application that can open **an i-model, retaining the Revit properties information from the Revit model**. You can keep working in a mixed Bentley/Revit environment with the ability to reference Revit models into a MicroStation-based design workflow for coordination purposes, interference detection, and similar tasks. You can use the 2016-2018 versions of the Revit products, including Architecture, MEP, and Structure, with support for the 64-bit versions.

Available as separate download

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ISM Revit plug-in

ISM is an interoperability workflow allowing **design change management, revision history, and visualization** of your shared structural information among different specialized applications on the desktop. You can enable Revit Architecture and Revit Structure models to participate in ISM workflows. This enables you to confidently share data from Revit with ISM enabled structural design and analysis applications such as RAM Structural System, STAAD.Pro, ProStructures and AECOsim Building Designer using Bentley's Revit plug-in.

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Bentley Map Mobile Publisher

Produce **next generation i-models** with Bentley Map Mobile Publisher iWare software.

Customize your published features from your Bentley Map projects. Control which properties should be indexed for free text searching. Store all of your geometry and properties from your map project as well as scale-based display information, geocoordinate data, and more.

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Structural Synchronizer

Provide **data synchronization, change management, revision history, and model viewing**.

Create a shared repository of common structural model data. Structural Synchronizer CONNECT Edition is the core component of an Integrated Structural Modeling workflow. It provides data synchronization, change management, revision history, and model viewing. Structural Synchronizer CONNECT Edition integrates applications and data such as structural modeling, analysis and design, documentation and drafting, detailing and fabrication, and industry-neutral file formats.

Available as separate download

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Bentley View

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Bentley View

In addition to viewing 3D models, you can use Bentley View as **a free CAD viewer** with tools to search for objects, measure distances and areas accurately, and print drawings to scale with full fidelity, on every desktop, for free. You can easily open DWG and open DXF designs with the same fidelity as the authoring software. With millions of users, Bentley View is the industry's most powerful free viewer. You can view over 50 file formats, including CAD and raster images.

Available as CONNECT Edition with Update 11

Available as separate download

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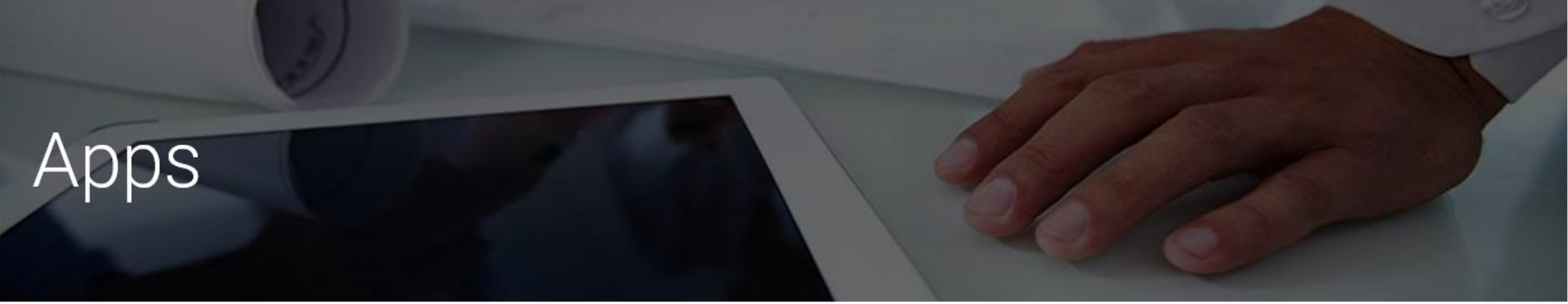

Apps

Bentley’s mobile apps.

For mobile devices like iPad, iPhone, and Android mobile apps allow users to seamlessly continue their workflows no matter where they are and using any device.

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Bentley Infrastructure Yearbook App

ContextCapture Mobile App

Bentley Map Mobile App

InspectTech Collector Mobile App

Navigator Mobile App

OpenRoads Navigator Mobile App

ProjectWise Edge App

ProjectWise WorkSite App

Structural Navigator

2018 Year in Infrastructure Conference App

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Bentley Infrastructure Yearbook App

Bentley's app experience to see all the amazing and gorgeous infrastructure projects from the **Be Inspired Awards** at the Year in Infrastructure Conference.

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ContextCapture Mobile App

ContextCapture mobile is an **easy-to-use reality modeling software** that allows you to quickly create and share 3D engineering-ready reality meshes using images taken with your device.

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Download on the App Store

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Navigator Mobile App

With Navigator, you can **make better decisions, faster** throughout the lifecycle of a project, while reducing project risk.
Imagine being able to: Gain insight into your projects and operations with clearer visibility into the information in 3D models. Speed project delivery with immediate access to the latest information through one experience on every device. Improve project coordination and accelerate collaboration through faster reliable resolution of issues from field staff.

This App requires a Bentley CONNECTIONS Passport.

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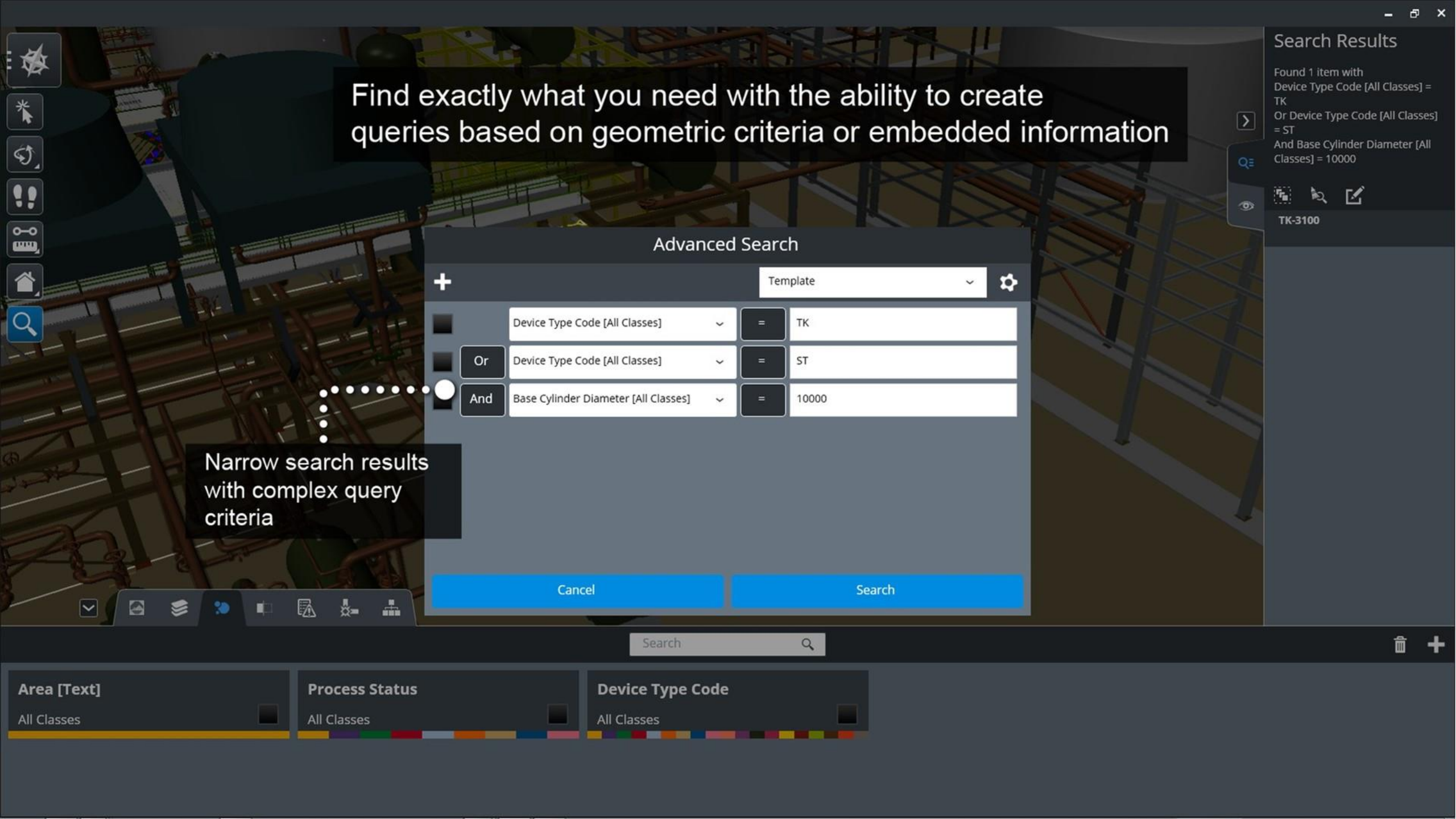
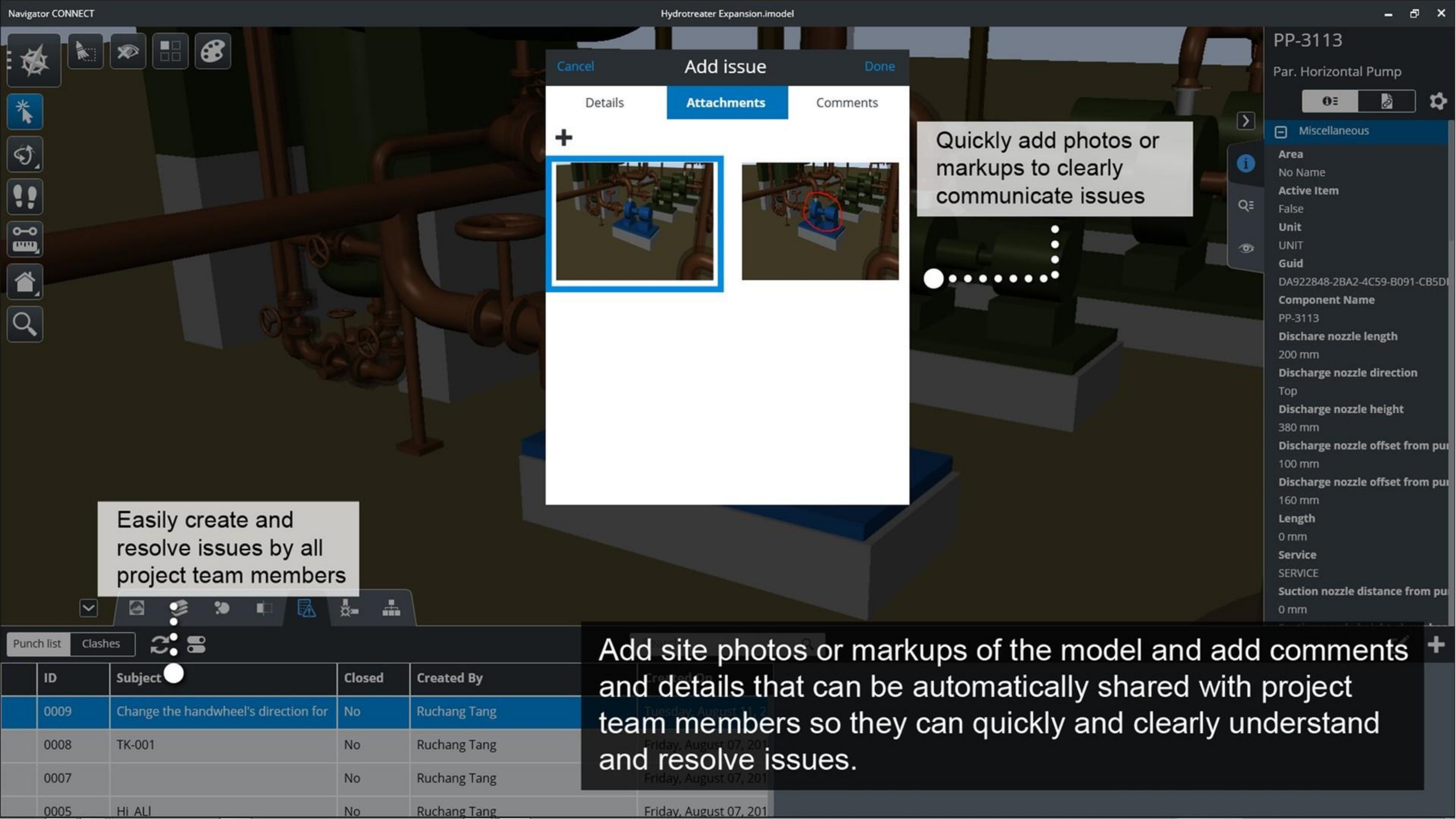
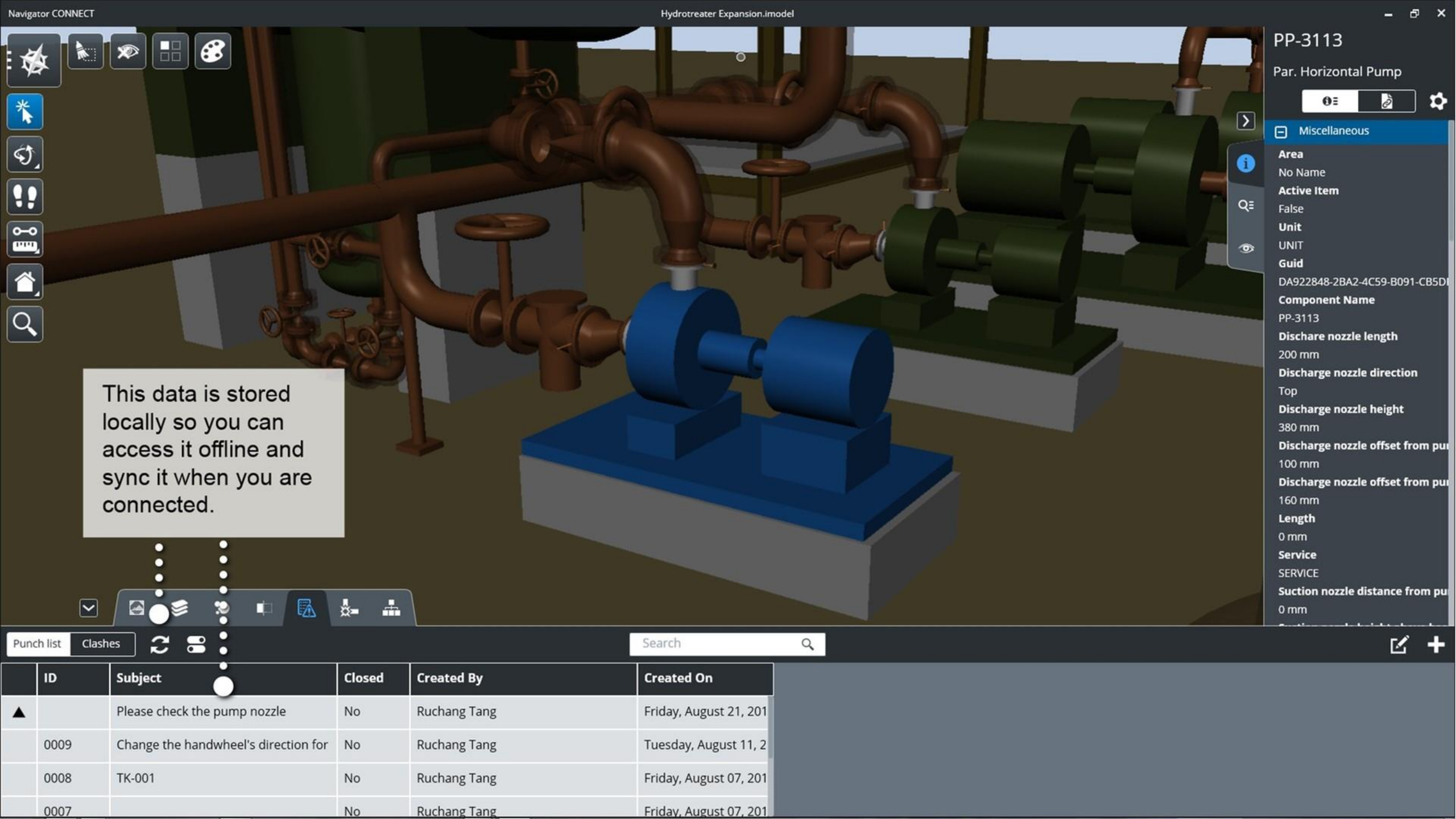
Visual Reports help make understanding complex models easier and intuitive
Report Legend
Isometric Release
PIPE
NO_STATUS (0)
IN_ROUTE (200)
IN_STRESS (8)
ON_HOLD (3)
CHECKING (8)
IN_DETAILING (4)
COMMENTS (7)
IFC (155)
Search
Spool Fabrication
PIPE
Advanced Revision Notices
PIPE
Isometric Release
PIPE
Equipment Install
EQUIPMENT
Saved reports

Naturally walk through models to easily and intuitively explore and understand them
41437.6mm
20718.8mm
17019.2mm >
0.0mm
Slide to walk in a direction
slide to change elevation
Slide to change view direction
N
NE
E
NW


Find exactly what you need with the ability to create queries based on geometric criteria or embedded information
Search Results
Found 1 item with
Device Type Code [All Classes] = TK
Or Device Type Code [All Classes] = ST
And Base Cylinder Diameter [All Classes] = 10000
TK-3100
Advanced Search
Template
Device Type Code [All Classes]
=
TK
Or
Device Type Code [All Classes]
=
ST
And
Base Cylinder Diameter [All Classes]
=
10000
Narrow search results with complex query criteria
Cancel
Search
Search
Area [Text]
All Classes
Process Status
All Classes
Device Type Code
All Classes


Navigator CONNECT
Hydrotreater Expansion.imodel
Cancel
Add issue
Done
Details
Attachments
Comments
Quickly add photos or markups to clearly communicate issues
PP-3113
Par. Horizontal Pump
Miscellaneous
Area
No Name
Active Item
False
Unit
UNIT
Guid
DA922848-2BA2-4C59-B091-CB5DI
Component Name
PP-3113
Dischare nozzle length
200 mm
Discharge nozzle direction
Top
Discharge nozzle height
380 mm
Discharge nozzle offset from pu
100 mm
Discharge nozzle offset from pu
160 mm
Length
0 mm
Service
SERVICE
Suction nozzle distance from pu
0 mm
Easily create and resolve issues by all project team members
Punch list
Clashes
ID
Subject
Closed
Created By
0009
Change the handwheel's direction for
No
Ruchang Tang
0008
TK-001
No
Ruchang Tang
0007
No
Ruchang Tang
0005
Hi ALl
No
Ruchang Tang
Add site photos or markups of the model and add comments and details that can be automatically shared with project team members so they can quickly and clearly understand and resolve issues.


Navigator CONNECT
Hydrotreater Expansion.imodel
PP-3113
Par. Horizontal Pump
Miscellaneous
Area
No Name
Active Item
False
Unit
UNIT
Guid
DA922848-2BA2-4C59-B091-CB5DI
Component Name
PP-3113
Dischare nozzle length
200 mm
Discharge nozzle direction
Top
Discharge nozzle height
380 mm
Discharge nozzle offset from pu
100 mm
Discharge nozzle offset from pu
160 mm
Length
0 mm
Service
SERVICE
Suction nozzle distance from pu
0 mm
This data is stored locally so you can access it offline and sync it when you are connected.
Punch list
Clashes
Search
ID
Subject
Closed
Created By
Created On
Please check the pump nozzle
No
Ruchang Tang
Friday, August 21, 201
0009
Change the handwheel's direction for
No
Ruchang Tang
Tuesday, August 11, 2
0008
TK-001
No
Ruchang Tang
Friday, August 07, 201
0007
No
Ruchang Tang
Friday, August 07, 201

Bentley Map Mobile App

Reduce errors and improve outcomes with **in-field access to the up-to-date information** you depend on to do your job well. Access your geospatial, engineering, and business data from the field.

Use query tools to quickly find data.

Locate assets with GPS-enabled features and driving directions.

Access your database from anywhere, even without a network connection.

Mark up your data with easy to use redline tools.

Transfer markups back to the office using Bentley CONNECT or ProjectWise.

This App requires a Bentley CONNECTIONS Passport.

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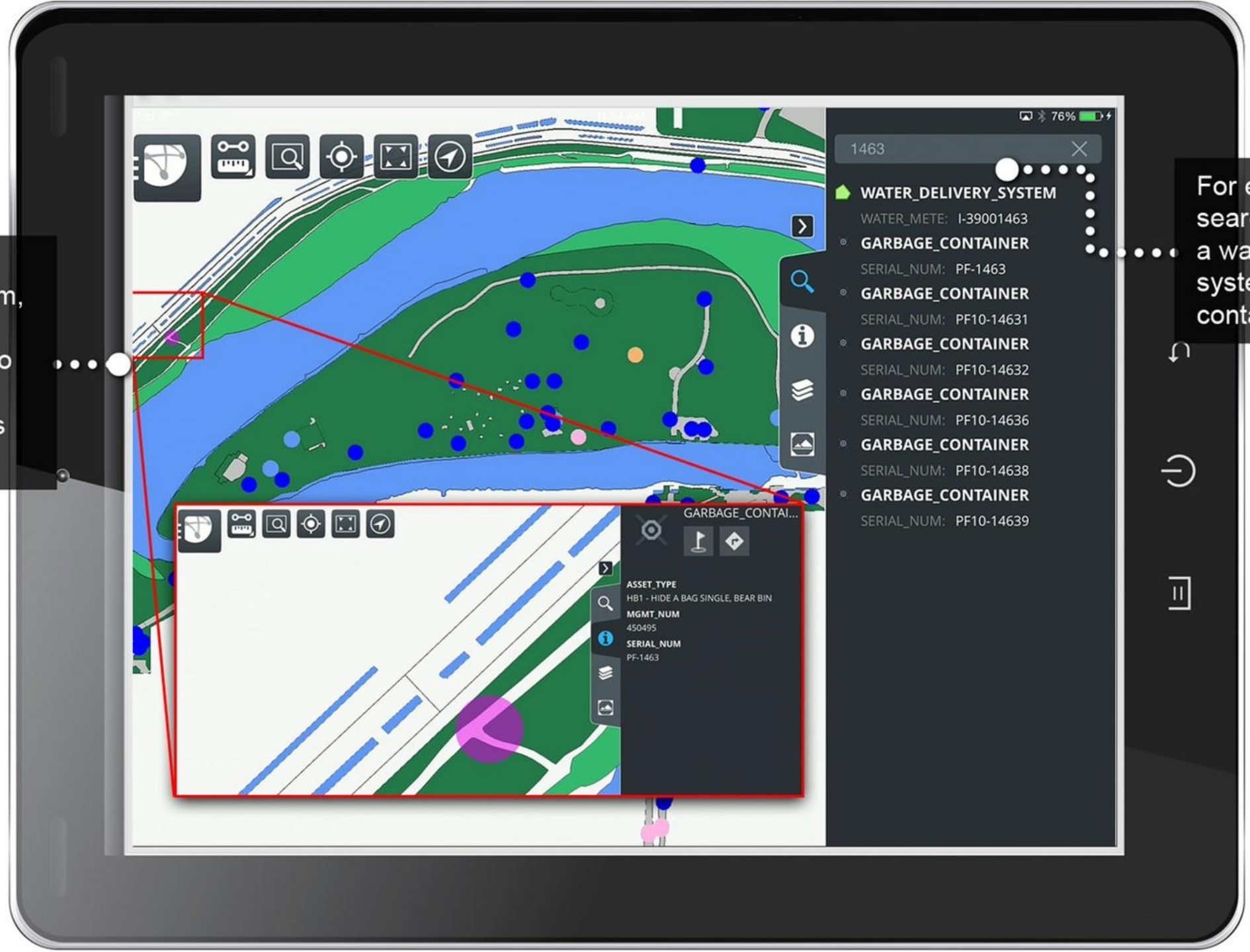
When you select an item, the software will zoom into that feature and show it's properties.



For example, if you search "1463" it finds a water delivery system and several containers.

OpenRoads Navigator Mobile App

OpenRoads Navigator is an easy-to-use, dynamic mobile software that provides **quick access to civil data** in the field. You can interactively view, analyze, and augment a wide variety of project information, including reviewing existing terrain, 3D models, and 2D topographies. Improve project coordination and accelerate collaboration through faster reliable capture of feedback from field staff. The result is better decisions throughout the lifecycle of a project, while minimizing risk.

This App requires a Bentley CONNECTIONS Passport.

GET IT ON Google play

Download on the App Store

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Structural Navigator

Structural Navigator is the ideal app for **mobile review of 3D structural models**.

You can view, query, and mark up structural models in 3D from anywhere using a mobile device. Navigate 3D models using zoom, rotate, pan, walkthrough, and flyover commands
Color code elements within the model according to specific properties
Filter models based on members with common member attributes
Check for clashes between different types of objects
Add markups with status, due date, responsible party, and additional information
Interactively query members for all property values

This App requires a Bentley CONNECTIONS Passport.

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ProjectWise Edge App

ProjectWise Edge **gives you access to files**, including PDFs, documents, and 3D iModels for worksharing and approvals.

This enables teams to manage project information that helps improve quality, reduce rework, and meet project deadlines. With ProjectWise Edge, you can interact with your common data environment stored in ProjectWise. You and your mobile professional users can securely access project files, view the contents, see properties of individual files, advance workflows, such as BIM model approvals, and PDF sign-off including digital signatures. Synchronize engineering work-in-progress and design coordination workflows across the project team to resolve issues quickly and efficiently in a closed loop process.

This App requires a Bentley CONNECTIONS Passport.

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ProjectWise Edge

Workflows

Workflow: Design Managment

State: Preliminary Layout

File Size: 26.47 KB

ExecutionPlanMaster_WIP - JAN'S POPULATION TEST.specx
File Size: 246.36 KB

IMG_0004.JPG
Version: A
File Size: 1.39 MB

IMG_0004.JPG
File Size: 1.39 MB

Philadelphia_CenterCity.3mx
File Size: 48.00 KB

Philadelphia_CenterCity.dgn
File Size: 56.00 KB

Plant.imodel
Version: B
File Size: 980.00 KB

Plant.imodel
Version: A
File Size: 980.00 KB

Plant.imodel
Version: 2
File Size: 980.00 KB

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Version: 2
File Size: 3.01 MB

sr520_pontoon_pmp_final_pt2_0810.pdf
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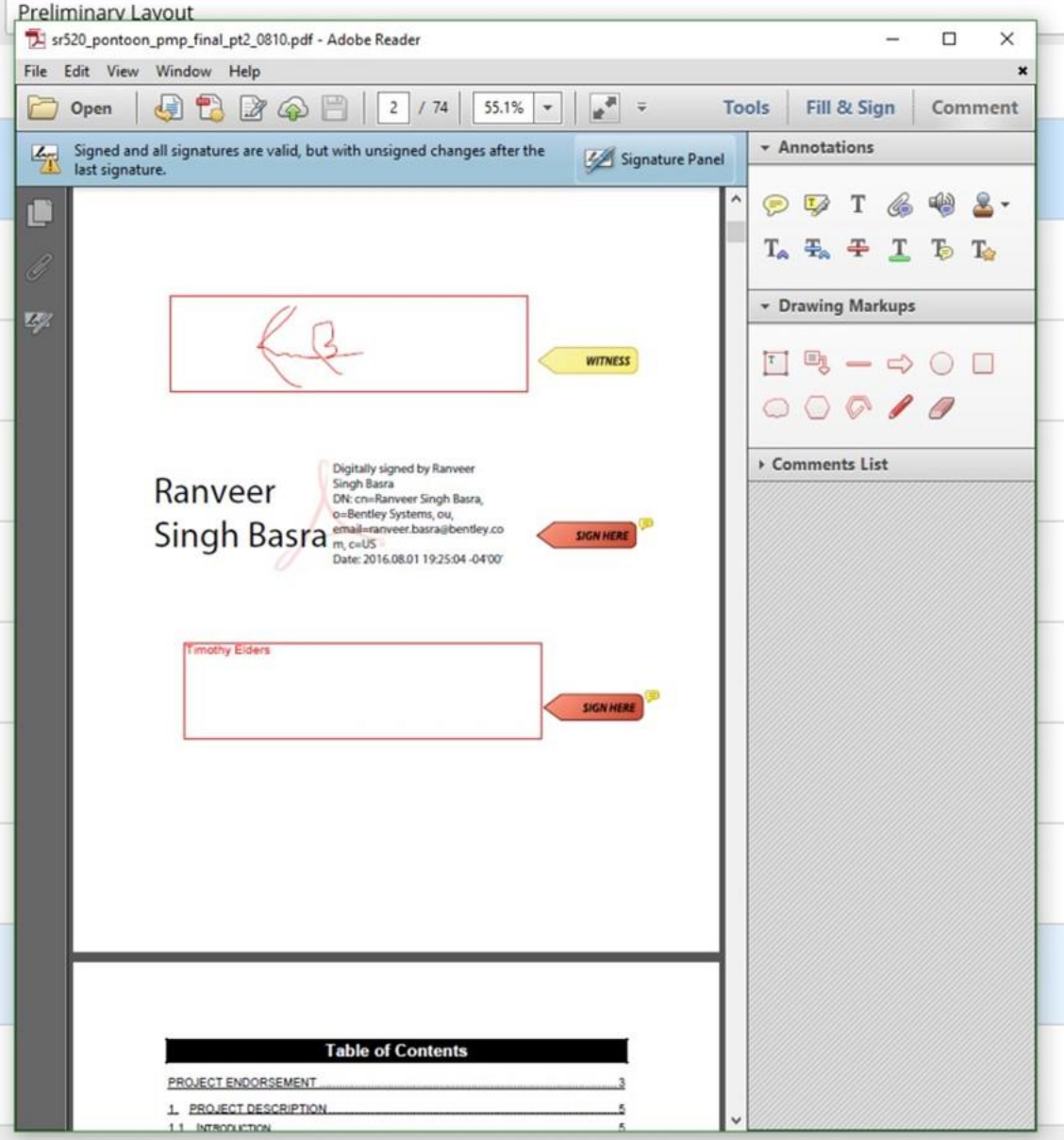

Previous State | Next State | Set as Final

ProjectWise WorkSite App

When working in the field, it is now more important than ever before to **have up-to-date, rich project information** to seamlessly continue workflows while on-the-go. You can also be confident that everyone has the most up-to-date information available to make timely decisions.

This App requires a Bentley CONNECTIONS Passport.

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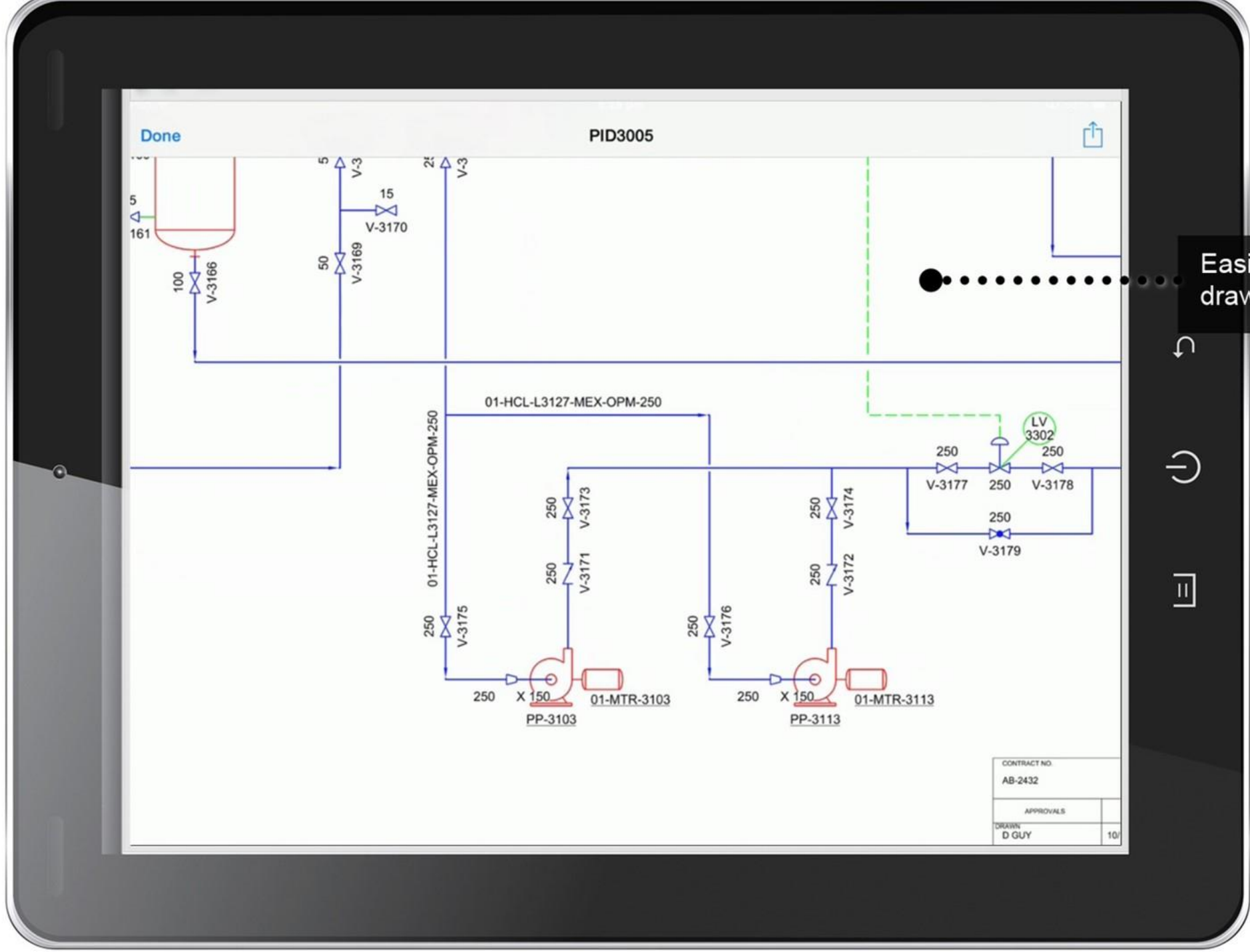
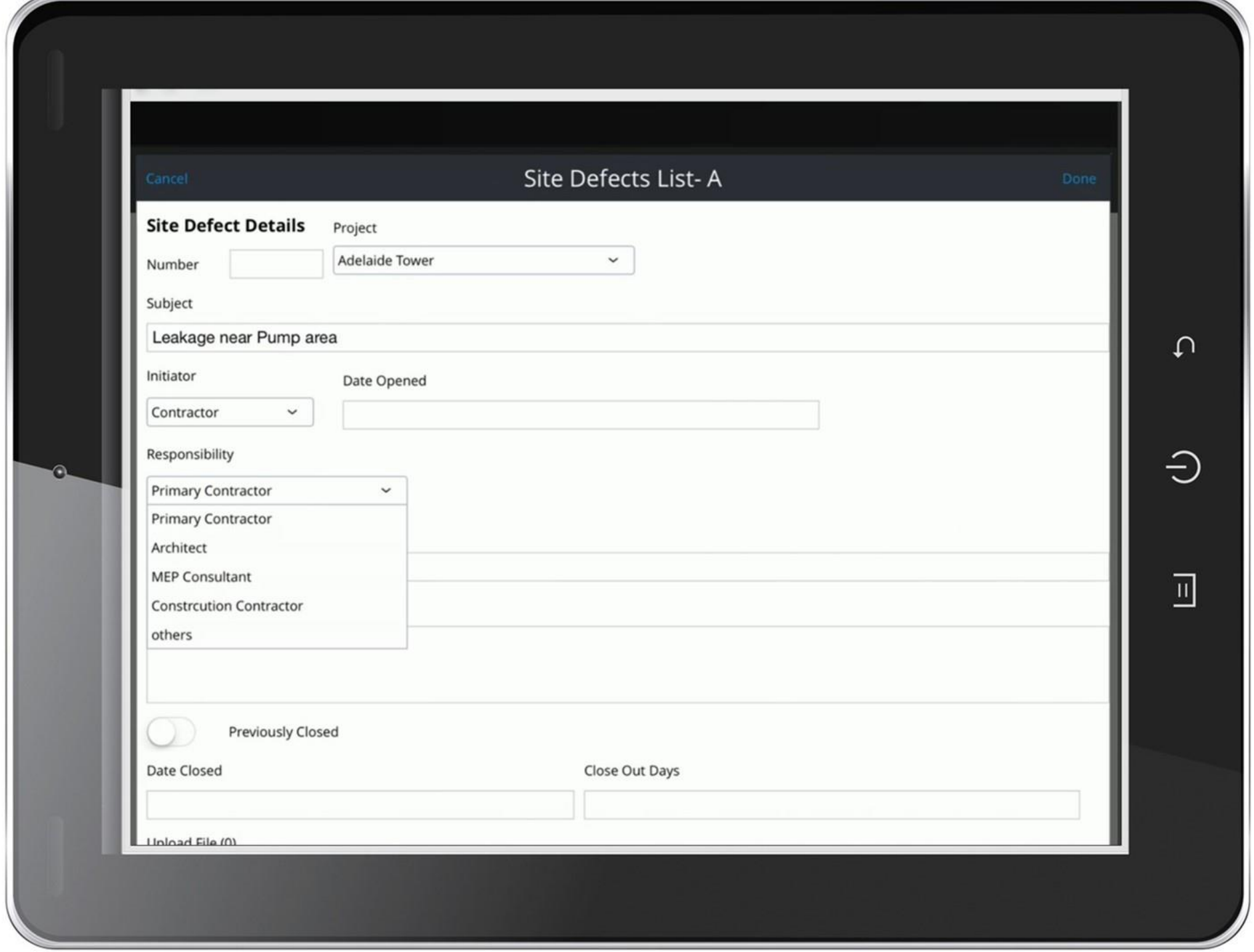


Easily access drawings and PDFs


Cancel
Site Defects List- A
Done
Site Defect Details
Project
Number
Adelaide Tower
Subject
Leakage near Pump area
Initiator
Date Opened
Contractor
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Primary Contractor
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Architect
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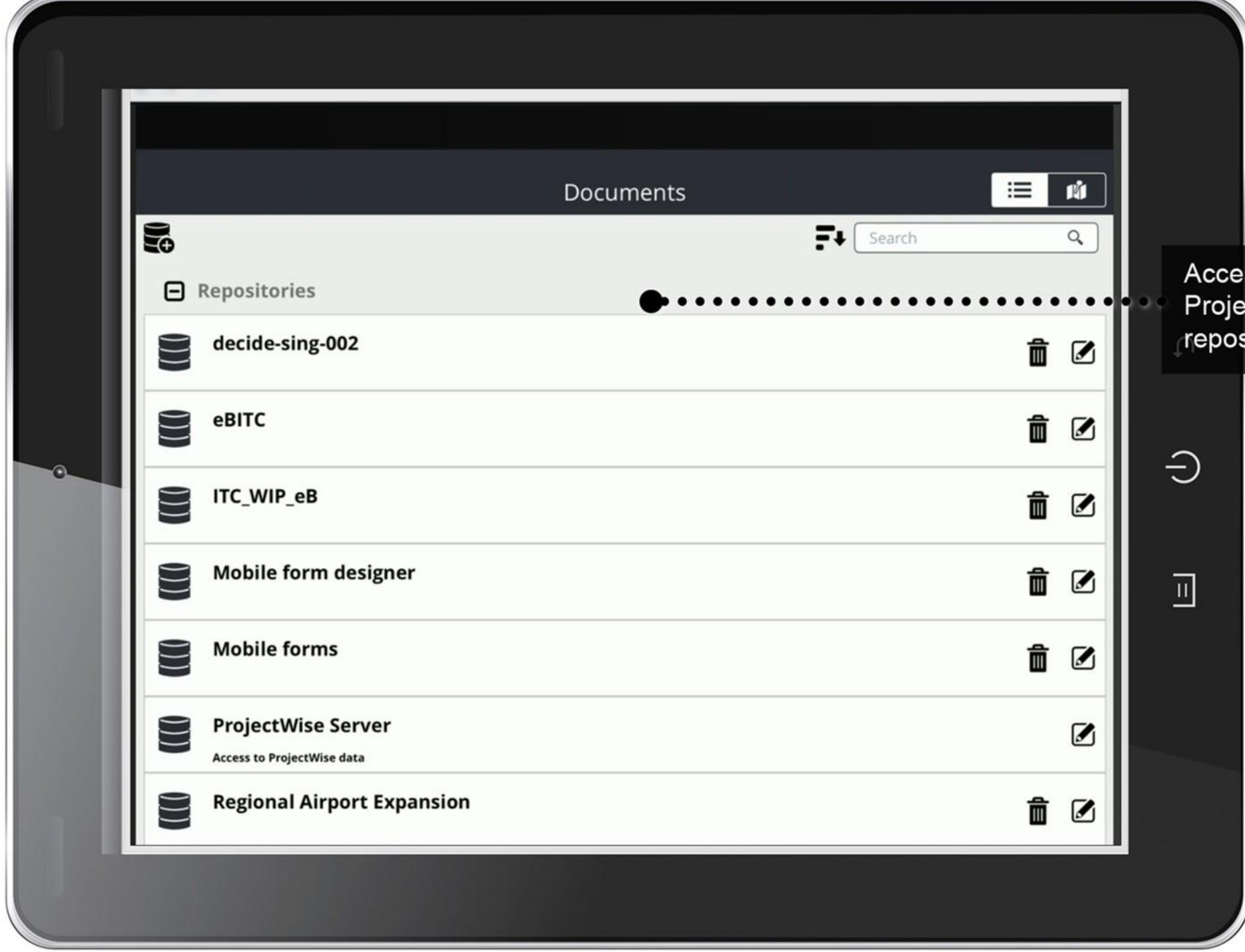
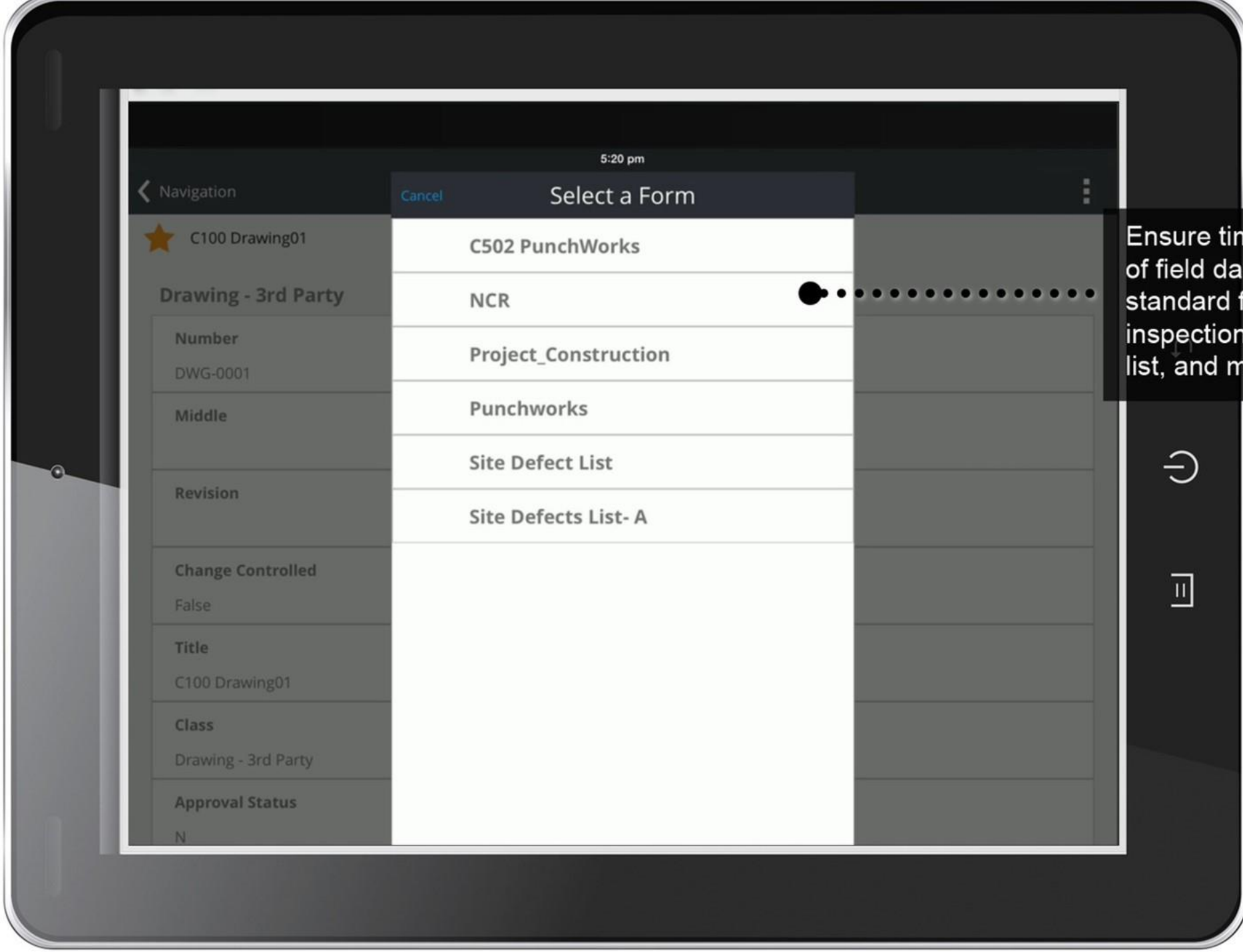
others
Previously Closed
Date Closed
Close Out Days
Upload File (0)


Documents
Search
Repositories
decide-sing-002
eBITC
ITC_WIP_eB
Mobile form designer
Mobile forms
ProjectWise Server
Access to ProjectWise data
Regional Airport Expansion
Access multiple ProjectWise project repositories


5:20 pm
Navigation
C100 Drawing01
Drawing - 3rd Party
Number
DWG-0001
Middle
Revision
Change Controlled
False
Title
C100 Drawing01
Class
Drawing - 3rd Party
Approval Status
N
Cancel
Select a Form
C502 PunchWorks
NCR
Project_Construction
Punchworks
Site Defect List
Site Defects List- A
Ensure timely capture of field data with standard forms for inspections, punch list, and more.

InspectTech Collector Mobile App

Quickly and effectively **collect transportation infrastructure asset information** and complete inspections in the field with InspectTech Collector and its mobile app. You will save up to 25% on total inspection time thanks to powerful capabilities that streamline the inspection process, combined with the in-field availability of historical condition data.

This App requires a Bentley CONNECTIONS Passport.

Download on the App Store

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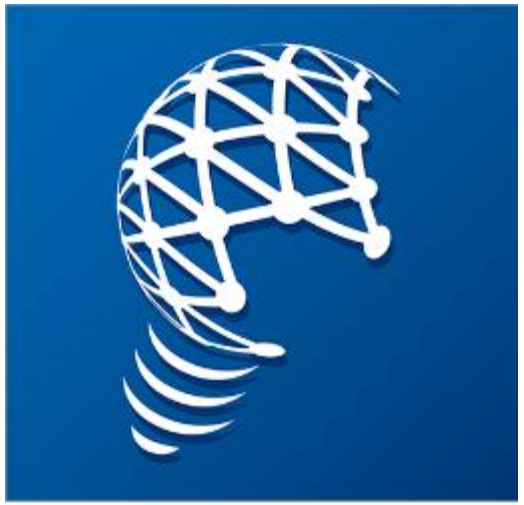

2018 Year in Infrastructure Conference App

Bentley's ***Year in Infrastructure Conference*** app provides an immersive, interactive experience for exploring this global gathering of leaders in the world of infrastructure design, construction, and operations. Attendees can use this app to build your own agenda, gain insight into event information, custom agendas, get news updates, interact with attendees social media, see maps of the venue, and much more... all in real-time!

HTML

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Bentley CONNECTIONS Passport

Your access to information sources and key capabilities

Access project and enterprise information sources, and review project information from anywhere on your computer or mobile devices with a Bentley CONNECTIONS Passport. With this single, cost-effective annual subscription each project participant can utilize the apps, applications, servers, and cloud services appropriate for their role, without needing to separately purchase or license each independently. This simplifies the process of adding project participants to your teams quickly and cost effectively.

A Bentley CONNECTIONS Passport entitles an individual to desktop, Web, and mobile apps that provide access to project and information sources.

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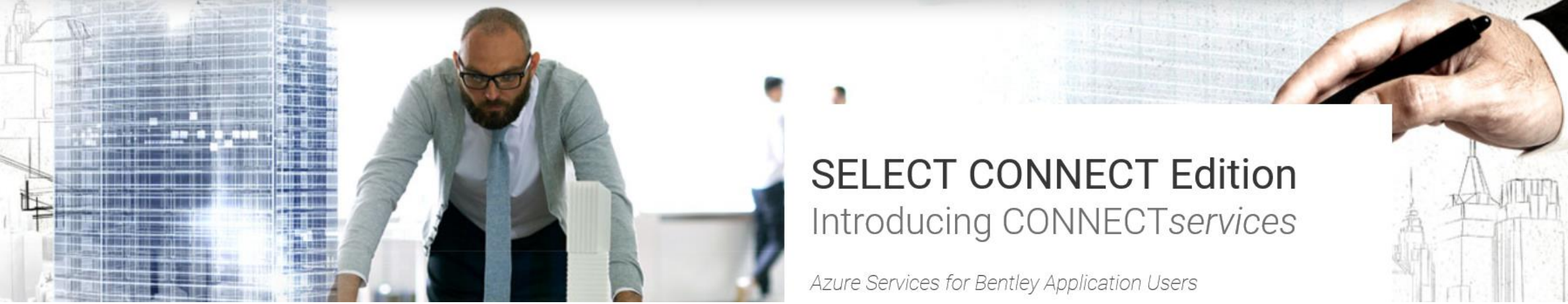

SELECT CONNECT Edition

Introducing CONNECT*services*

Azure Services for Bentley Application Users

SELECT CONNECT Edition will introduce significant new services for SELECT and Enterprise License Subscription (ELS) subscribers. New CONNECT*services* include

ProjectWise Connection Services,
Adaptive Learning Services, and
Personal Mobility Services.

Leveraging Microsoft Azure, new CONNECT*services* will enable project teams to collaborate, ensure users master their use of Bentley software, and empower individuals with the personal mobility to get their work done at any time from any place.

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ProjectWise Connection Services

Securely share and deliver application data, collaborating with other users. Create, send, and receive transmittals, submittals, and RFIs. Access content and BIM standards to support design and analytical modeling. Benefit from dashboards to review project status as well as to benchmark project performance.

Share

Deliverables Management

Performance Dashboards

Issue Resolution

Field Data Management

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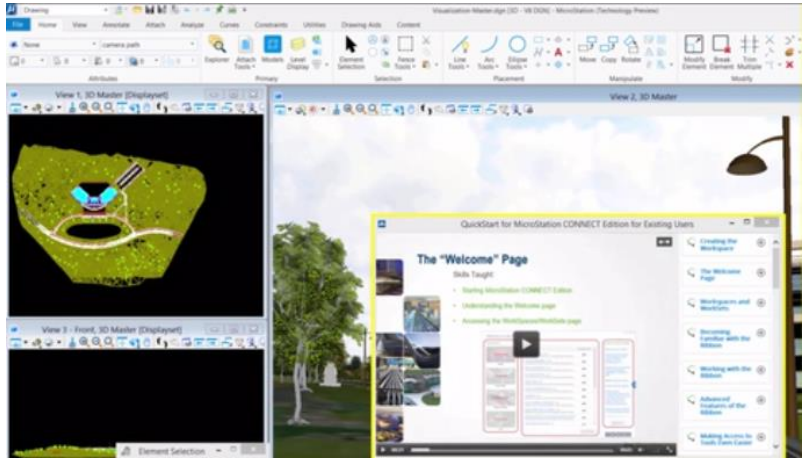
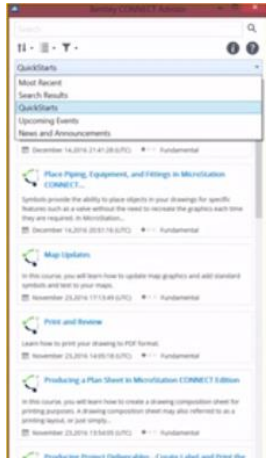
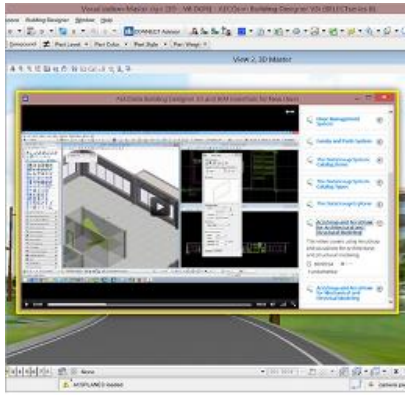
Adaptive Learning Services

Application mastery will be enabled through CONNECT Advisor, a new in-application service which provides contextual assistance and learning recommendations. Learning benefits previously provided through the Learn Subscription will now instead be made available to every SELECT and ELS subscriber. Services will include on-demand courses, live virtual training, in application short feature and workflow videos, personalized learning paths and knowledge maps, and more.







CONNECT Advisor

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Personal Mobility

Get access to Bentley apps, the tools you need to get your work done wherever you need to be - at the office, in the field, or on the site. Access project data, communicate with team members, and submit and resolve issues.

Navigator Mobile App

ProjectWise Edge App

Bentley Map Mobile App

OpenRoads Navigator Mobile App

ProjectWise WorkSite App

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