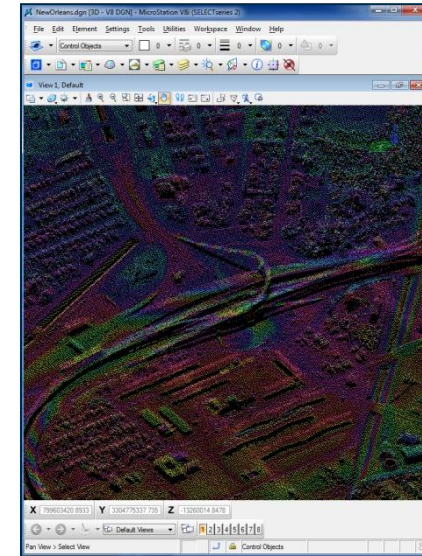


ProjectWise V8i SELECTseries 4 What's New

Arnold van der Zijden
ProjectWise Consultant

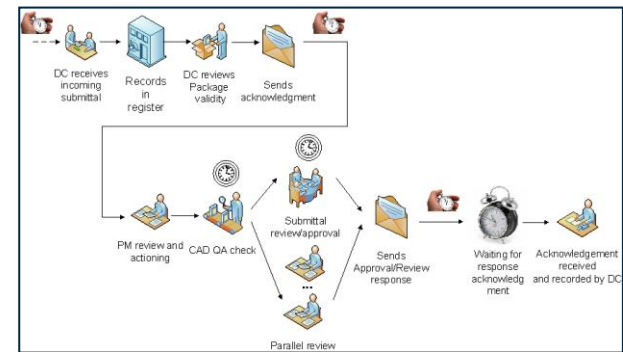
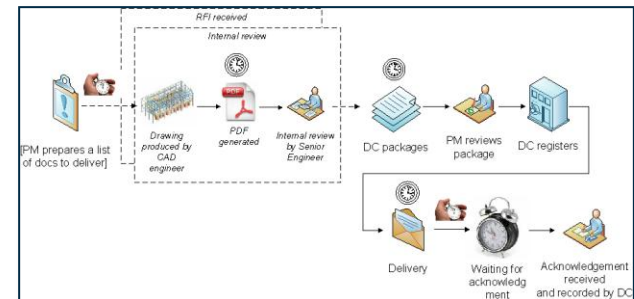
ProjectWise V8i (SELECTseries 4) Themes

- Bentley Transmittal Services
- ProjectWise Dynamic Composition Server (PDF)
- Web and Mobile
- Application Integration
- Usability and User Requests
- Scalability and Deployment



Bentley Transmittal Services

- Transmittals Packager module tightly integrated with ProjectWise Explorer client
- External facing web Portal for transmittals delivery and responses upload
- Transmittals Register to keep track of all your project deliverables in a single place
- Transmittal Dashboards to help track project deliverables status



Creating Transmittal


Setting schedule and reminders

Transmittal Draft - PR004-TM0024

State: Draft
No acknowledgements and responses yet.


General Recipients Documents Scheduling Audit Trail Responses

Planned issue

Issue date: 2011-11-08 


Send reminder: 1 day before issue date

Acknowledgement

Due date: Fixed date: 2011-11-20 
 Days after issue: 2 (2011-08-01 for current planned issued date)

Send reminder: 1 day before due date

Response

Due date: Fixed date: 2011-11-30 
 Days after issue:

Send reminder: 1 days before due date

Save draft Transmit Close

Electric installation drawings - ID PR004-TM0024

State: **Issued**

✔ You have acknowledged receipt of this Transmittal Due date: 2011-08-10

🕒 10 days to final response Due date: 2011-08-22

Acknowledged

[Respond](#)

[Download](#)

General Documents Audit Trail **My response**

Total: 30 files in 3 folders. Responded items: 3 of 30. Currently viewing: 1-8 of 30.

- PR004-TM0024
 - Descriptions
 - Notes
 - Pipelines**
 - References


PR004-TM0024 ▶ Pipelines Show all Mark selected as approved

Name	Document number	Revision	Status	Description	My response
<input type="checkbox"/> A1ZIR-pump.pdf	ZIR83940	A1	S4	Pump for high press...	✔ Approved - sent, locked
<input type="checkbox"/> BDx00-turbing.pdf	X0083940	A1	S4	Aenean ipsum maur...	✔ Approved - sent, locked
<input type="checkbox"/> BWOT-insulation.pdf	WTZ83940	A1	S4	Etiam ut varius maur...	🔄 Revise / resubmit - sent, locked
<input checked="" type="checkbox"/> DX21-turbing.pdf	D2105879	A1	S4	Turbing for high pre...	🕒 Response pending
<input checked="" type="checkbox"/> Pipelines-05468WRT.pdf	PPL05468	A1	S4	Pipelines drawings d...	🕒 Response pending

WOT23-insulation.pdf ✔ Approved with comments - sent, locked

Document number: WTZ83942
 Revision: A1
 Status: S4
 Description: Wot insulation purpose is to lorem ipsum dolor sit amet - the full item description goes here.

Response: ✔ Approved with comments
 Comment: Everything seems to be OK, except one small detail described in the file attached.
 Attachments: Attachment1.overlay.dgn



Response sent on 2011-08-20, 15:40. In need of modifying response, please contact [Lisa Cuddy](#).

[Save](#)

[Send responses](#) ▼

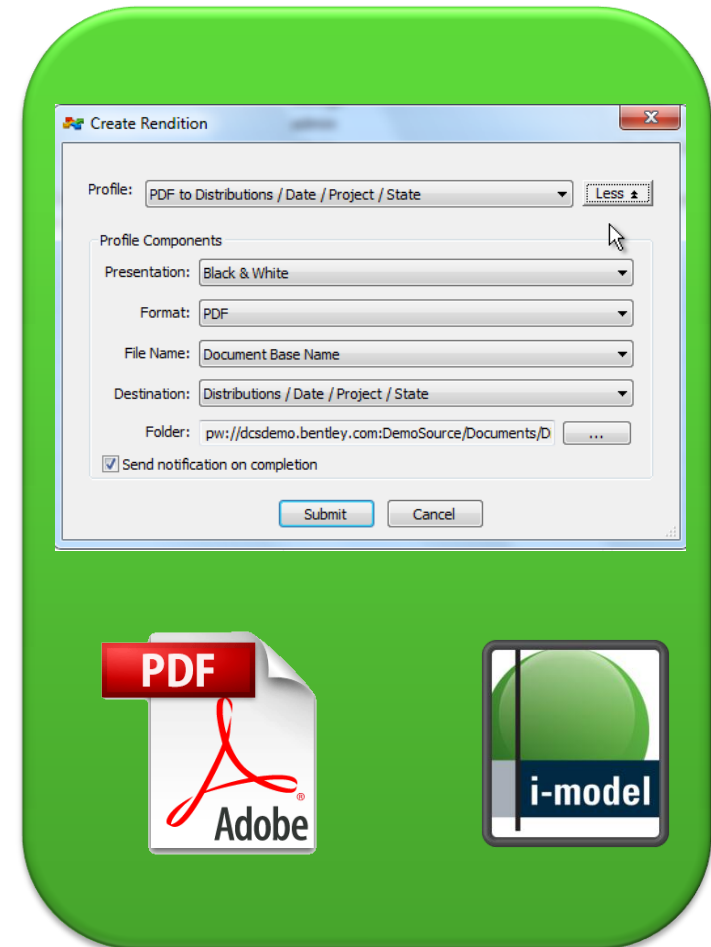
Tracking Transmittal Dashboard

ID	Subject	Status	Progress	Ack. due date	Response...	Purpose	Issue date
PR004-TM0024	Electric installation drawings	2 days acknowledgement overdue 12 days to respond	Acknowledgements: 8 / 10 Responses: 2 / 10	2011-10-24	2011-11-07	For Review	2011-09-20
PR001TM	Required EI. installation drawings	1 day acknowledgement overdue	Acknowledgements: 8 / 10	2011-10-23	2011-10-30	For Information	2011-10-20
PR002TM	Transmittal subject	Acknowledged Responded	Acknowledgements: 8 / 10 Responses: 2 / 10	2011-08-01	2011-08-20	For Approval	2011-07-25
PR001TM	Another Transmittal subject	Acknowledged Responded	Acknowledgements: 8 / 10 Responses: 2 / 10	2011-07-01	2011-07-20	For Approval	2011-06-28

PR004-TM0024	Electric installation drawings	2 days acknowledgement overdue 12 days to respond
PR001TM	Required EI. installation drawings	1 day acknowledgement overdue
PR002TM	Transmittal subject	Acknowledged Responded

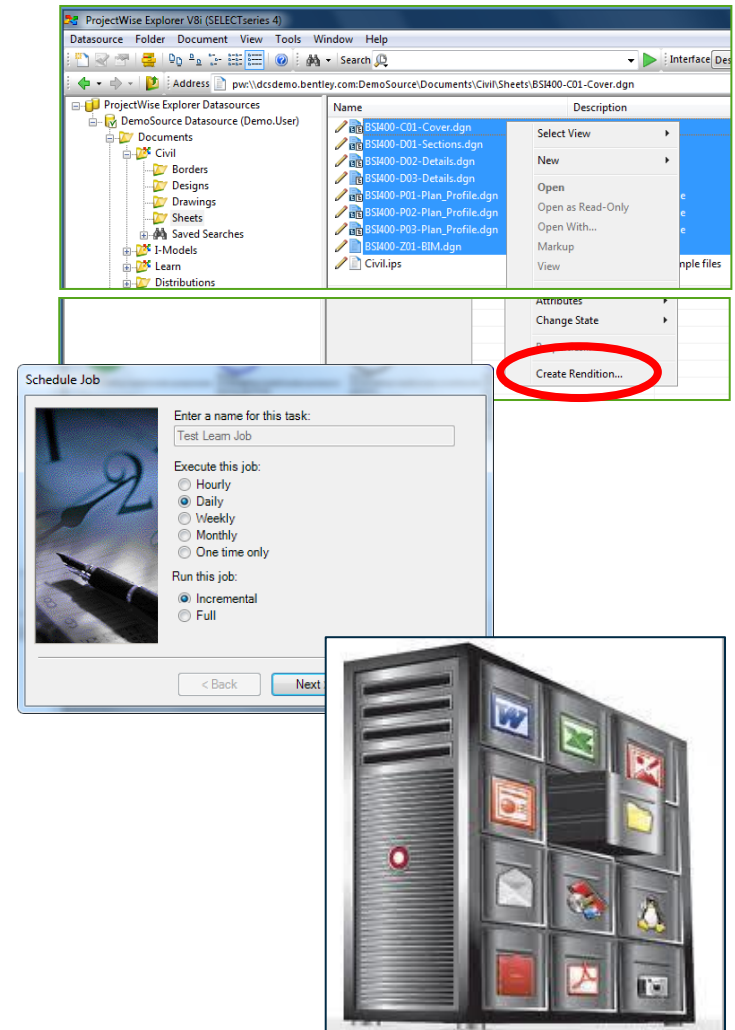
ProjectWise Dynamic Composition Server

- Interactive and automated services for creating project standard deliverables from ProjectWise
- Produces intelligent PDF, i-models & raster
- Input includes DGN, DWG, Raster, PDF, and IPS files



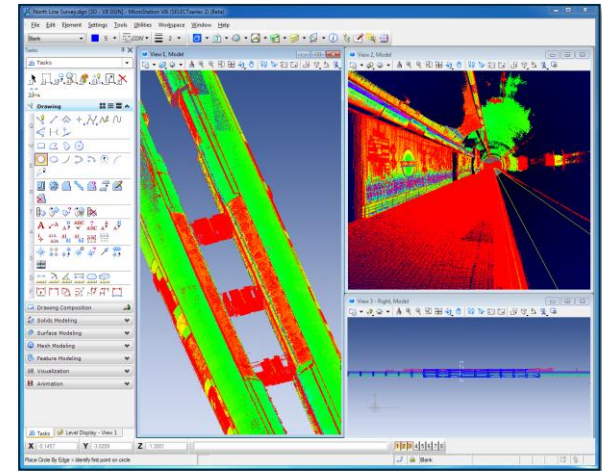
PW Dynamic Composition Server (for PDF)

- **Produces rich renditions**
 - PDF and raster
- **From multiple input formats**
 - DGN, DWG, PDF, Office, etc.
- **Using predefined publishing standards**
 - Presentation, Format, Filename, Destination
- **Either On-Demand**
 - Through ProjectWise Explorer
- **Or, On-Schedule**
 - Automatically keep renditions of key project information current
- **Through a Server-side solution**



Application Integration

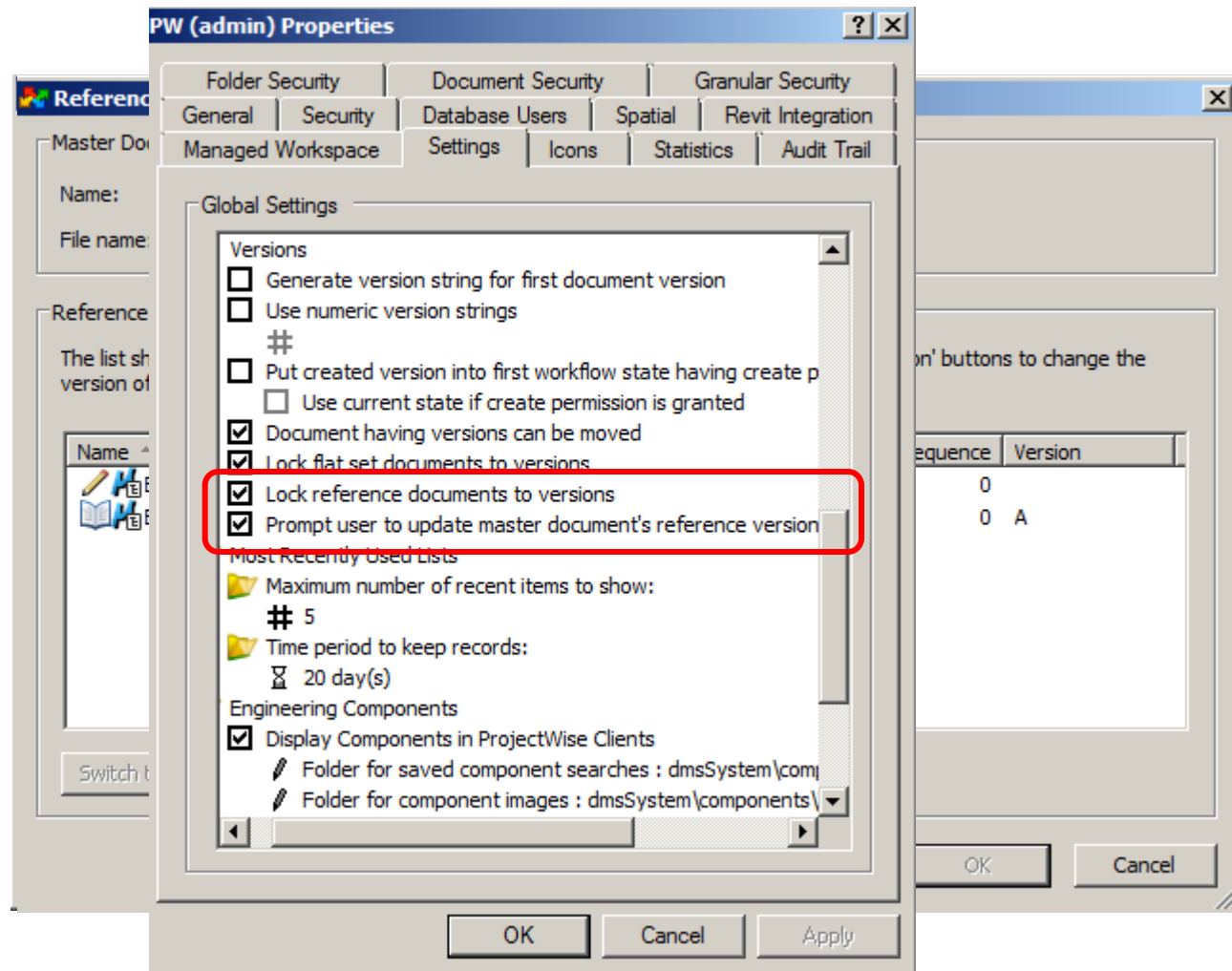
- Point Cloud Management
 - Store Large Point Clouds(POD)
 - Stream data to MicroStation
- Import/Export Managed Workspaces
- Reference File Versioning Control
 - Flexibility in linking to latest reference version or specific version
 - Supports AutoCAD and MicroStation



Reference Set Versioning

- Option to have reference files stick with the current version of the reference file at attachment time
- Datasource level default setting as well as attachment time option
- Works with both MicroStation and AutoCAD sets
- Setting to prompt user that a newer version of a reference file is available when opening a master file
- Can only update the attachment to newer version for directly attached references, does not allow updating nested reference

Reference Set Versioning User Interfaces

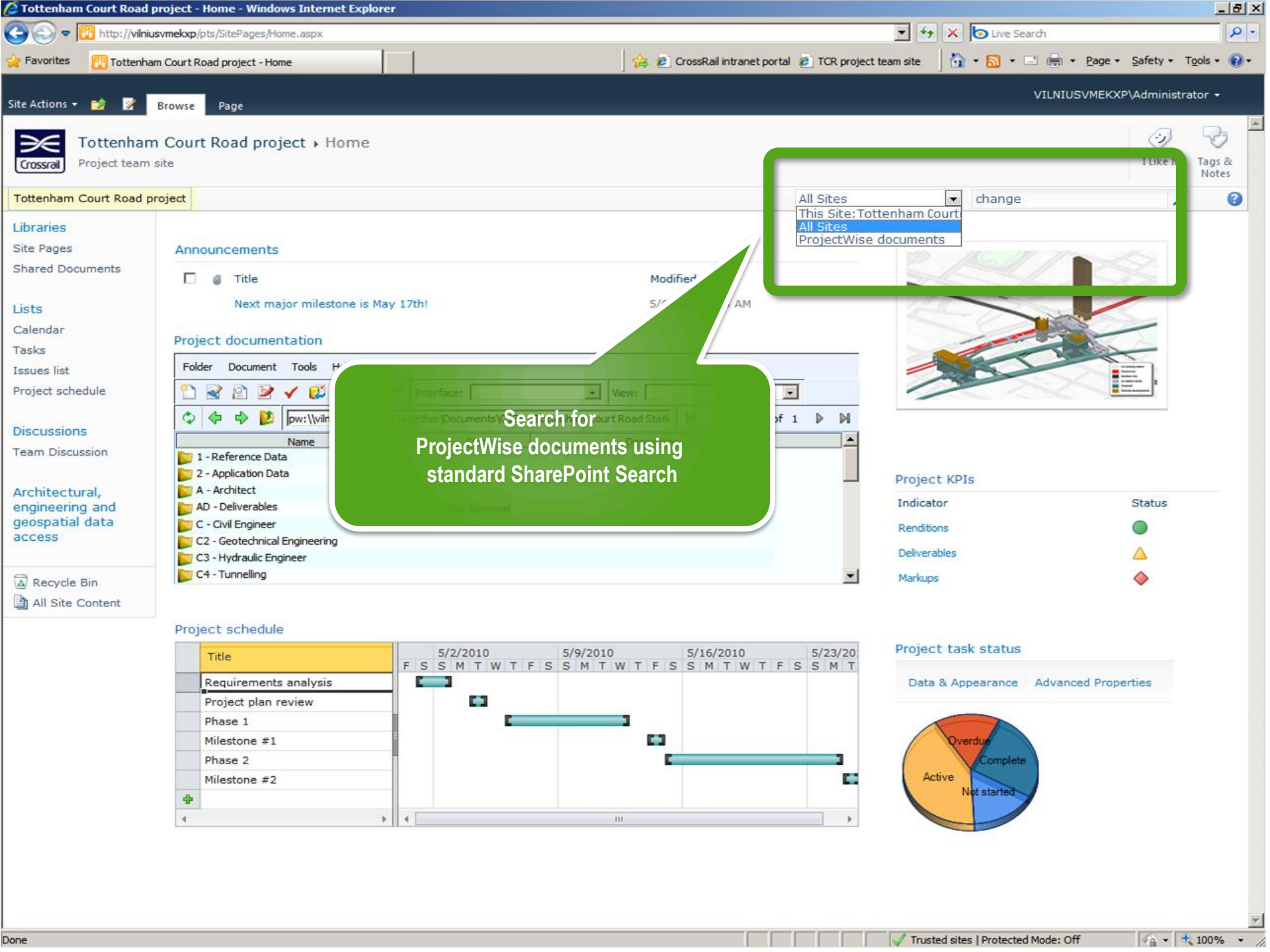


Web and Mobile

- SharePoint Search Integration

- ProjectWise content from SharePoint Search
- Respects ProjectWise Access Control
- Cross Datasource support





Title Modified
Next major milestone is May 17th 5/17/2010 10:00 AM

Folder Document Tools

Interface: View:

Search for ProjectWise documents using standard SharePoint Search

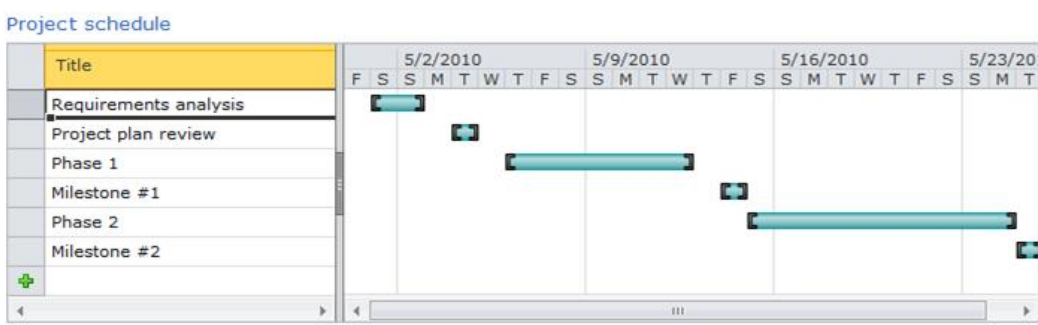
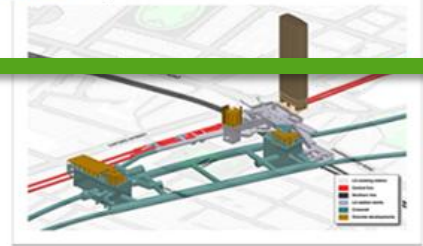
Name
1 - Reference Data
2 - Application Data
A - Architect
AD - Deliverables
C - Civil Engineer
C2 - Geotechnical Engineering
C3 - Hydraulic Engineer
C4 - Tunnelling

All Sites change

This Site: Tottenham Court Road State

All Sites

ProjectWise documents

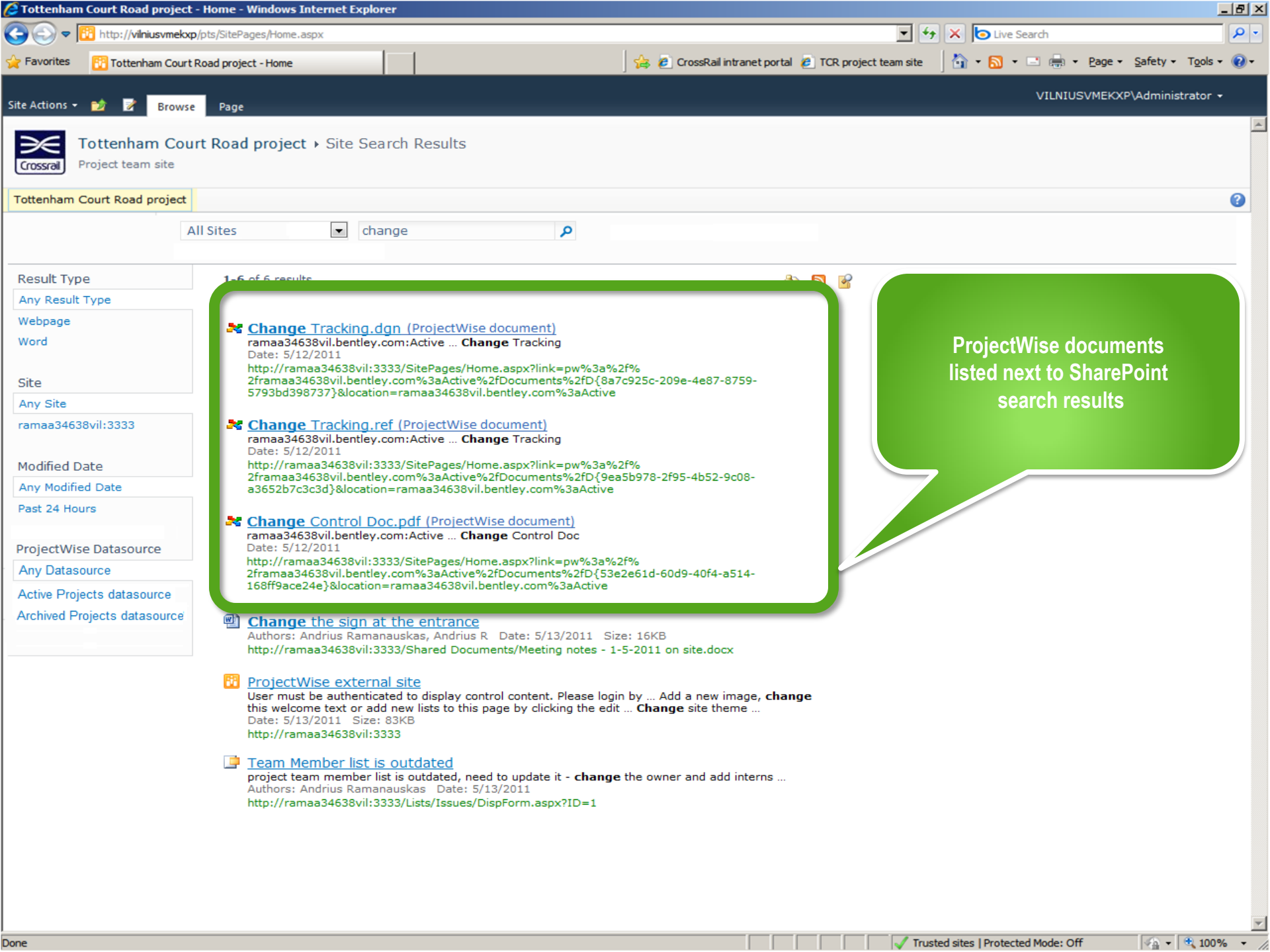


Project KPIs

Indicator	Status
Renditions	●
Deliverables	▲
Markups	◆

Project task status
Data & Appearance Advanced Properties





Tottenham Court Road project - Site Search Results
Project team site

Tottenham Court Road project

All Sites change

- Result Type
- Any Result Type
- Webpage
- Word
- Site
- Any Site
- ramaa34638vil:3333
- Modified Date
- Any Modified Date
- Past 24 Hours
- ProjectWise Datasource
- Any Datasource
- Active Projects datasource
- Archived Projects datasource

1 - 6 of 6 results

[Change Tracking.dgn \(ProjectWise document\)](#)
 ramaa34638vil.bentley.com:Active ... **Change** Tracking
 Date: 5/12/2011
<http://ramaa34638vil:3333/SitePages/Home.aspx?link=pw%3a%2f%2framaa34638vil.bentley.com%3aActive%2fDocuments%2fD{8a7c925c-209e-4e87-8759-5793bd398737}&location=ramaa34638vil.bentley.com%3aActive>

[Change Tracking.ref \(ProjectWise document\)](#)
 ramaa34638vil.bentley.com:Active ... **Change** Tracking
 Date: 5/12/2011
<http://ramaa34638vil:3333/SitePages/Home.aspx?link=pw%3a%2f%2framaa34638vil.bentley.com%3aActive%2fDocuments%2fD{9ea5b978-2f95-4b52-9c08-a3652b7c3c3d}&location=ramaa34638vil.bentley.com%3aActive>

[Change Control Doc.pdf \(ProjectWise document\)](#)
 ramaa34638vil.bentley.com:Active ... **Change** Control Doc
 Date: 5/12/2011
<http://ramaa34638vil:3333/SitePages/Home.aspx?link=pw%3a%2f%2framaa34638vil.bentley.com%3aActive%2fDocuments%2fD{53e2e61d-60d9-40f4-a514-168ff9ace24e}&location=ramaa34638vil.bentley.com%3aActive>

[Change the sign at the entrance](#)
 Authors: Andrius Ramanauskas, Andrius R Date: 5/13/2011 Size: 16KB
<http://ramaa34638vil:3333/Shared Documents/Meeting notes - 1-5-2011 on site.docx>

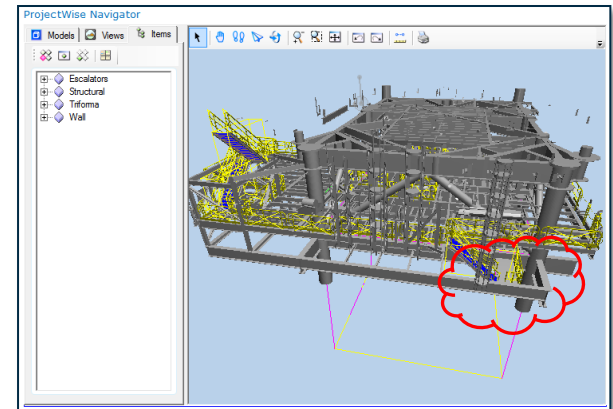
[ProjectWise external site](#)
 User must be authenticated to display control content. Please login by ... Add a new image, **change** this welcome text or add new lists to this page by clicking the edit ... **Change** site theme ...
 Date: 5/13/2011 Size: 83KB
<http://ramaa34638vil:3333>

[Team Member list is outdated](#)
 project team member list is outdated, need to update it - **change** the owner and add interns ...
 Authors: Andrius Ramanauskas Date: 5/13/2011
<http://ramaa34638vil:3333/Lists/Issues/DispForm.aspx?ID=1>

ProjectWise documents listed next to SharePoint search results

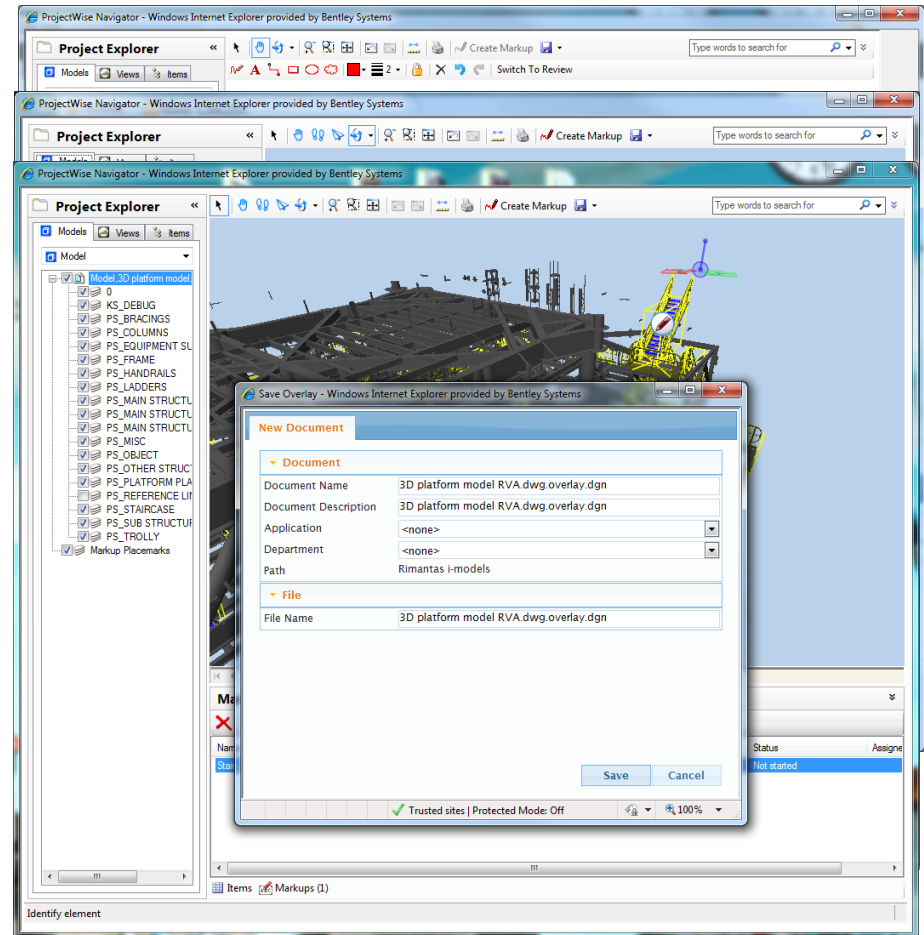
Web and Mobile

- SharePoint Search Integration
 - ProjectWise content from SharePoint Search
 - Respects ProjectWise Access Control
 - Cross Datasource support
- Markup for Navigator Web Part
 - Create overlays
 - Links back to original DGN



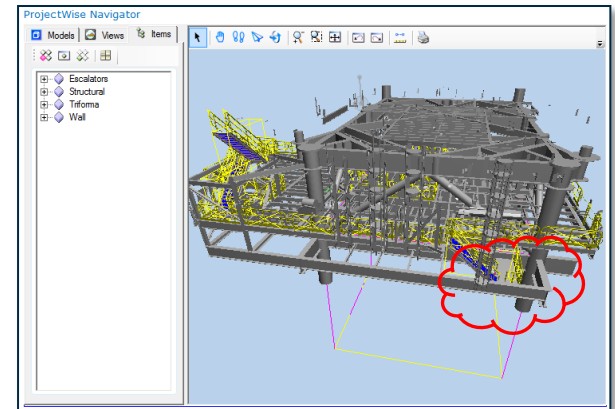
Markup support added in SELECTseries 4

- Creating markups over the web
- Ability to review and modify markups of other users
- Markups display in the context of 3D model
- Ability to save markups as overlay directly in ProjectWise
- To provide them at the fingertips of CAD Designers for easy fixing



Web and Mobile

- SharePoint Search Integration
 - ProjectWise content from SharePoint Search
 - Respects ProjectWise Access Control
 - Cross Datasource support
- Markup for Navigator Web Part
 - Create overlays
 - Links back to original DGN
- Mobile Device Access to ProjectWise
 - Use PW Web Parts on Mobile devices
 - Touch support for Tablet devices



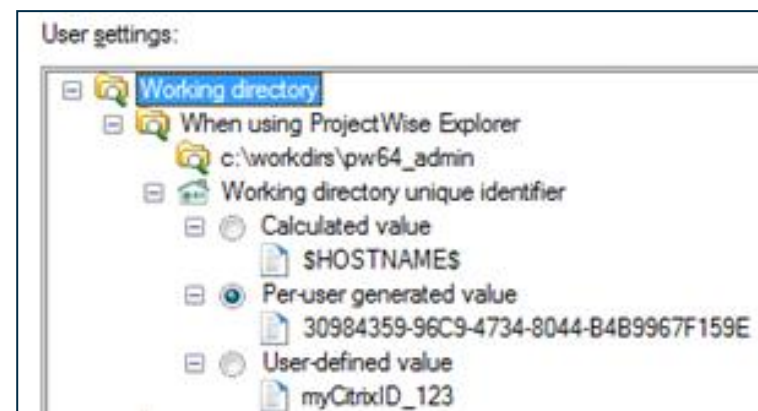
ProjectWise Web Server support for iPad tablet devices

- Provides on demand access to ProjectWise content for mobile field workers:
 - Navigating folder hierarchy or using search to find needed document
 - Viewing PDFs and MS Office documents directly in browser
 - Reviewing document properties and Approving documents
- Touch enabled interface
 - Multi-document selection supported also



Scalability and Deployment

- 64-bit Integration Server
 - Increased scalability
 - Support large memory
 - *No 32-bit version*
- Amazon EC2 support
 - Run ProjectWise VMs on Amazon
- Citrix XenApp Support
 - Session Virtualization
 - For ProjectWise Explorer
 - XenApp 6.0, 5.0
 - server based “roaming” working directory support



ProjectWise Client/Server Compatibility

	Integration Server V8i (SELECTseries 4)	Integration Server V8i (SELECTseries 3)	Integration Server V8i (SELECTseries 2)	Integration Server V8i (SELECTseries 1)	Integration Server V8i	Integration Server pre-V8i
Explorer V8i (SELECTseries 4)	X	X	X	X		
Explorer V8i (SELECTseries 3)	X	X	X	X		
Explorer V8i (SELECTseries 2)	X	X	X	X		
Explorer V8i (SELECTseries 1)	X	X	X	X		
Explorer V8i	X	X	X	X	X	
Explorer pre-V8i						X

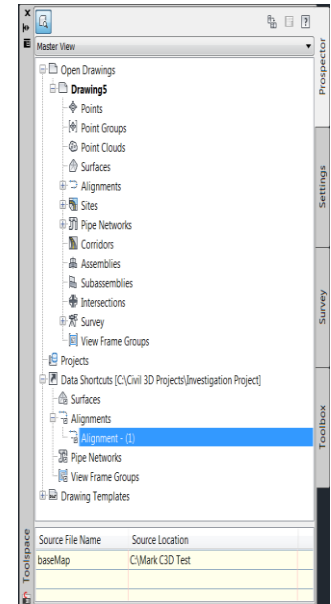
PW Admin Clients must match server version

Recently Released Add-in's

- Support for Revit 2013 - delivered as an add-in for current PW Explorer V8i (SELECTseries 4) users
 - Features “Resolve Links dialog” when open Revit file from ProjectWise
- Support for AutoCAD 2013 - delivered as an add-in for current PW Explorer V8i (SELECTseries 4)
- Support for Office 2010 64-bit - delivered as an add-in for current PW Explorer V8i (SELECTseries 4) users

What's Next for ProjectWise V8i (SELECTseries 4)

- Enhanced Support for Civil3D 2012 and 2013 - delivered as an add-in for current PW Explorer V8i (SELECTseries 4) users - expected in Q4- 2012
 - Data Shortcuts\References (Create, Edit, Delete, Import/Export)
 - Links to objects / items (Surface, PipeNetwork or Alignment) stored in a companion XML file.
 - Working Directory Support
 - Place on local system where Civil 3D stores Data Shortcut for the Projects.
 - Prospector palette Integration
 - Used in Civil3D is used to create and manage Data Shortcuts
 - Surface features of Civil3D (MMS and GRS)
 - MMS and GRS files are satellite references to the DWG

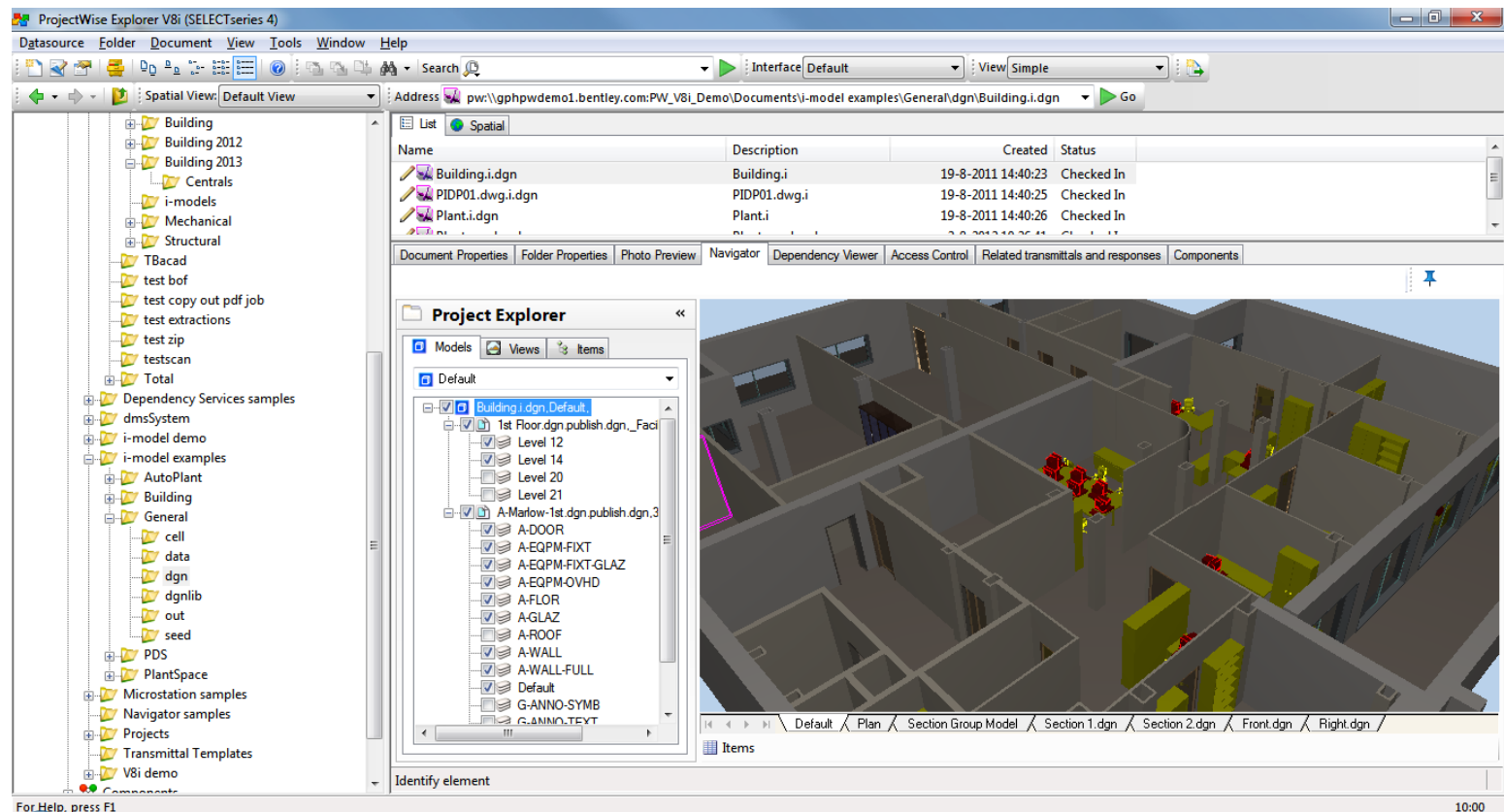


What's Next for ProjectWise V8i (SELECTseries 4)

- A refresh of the complete ProjectWise Integration Server V8i (SELECTseries 4) product.
 - Combine all of the Add-ins mentioned into the standard ProjectWise Explorer install
 - Windows 8 and Windows Server 2012 support
 - Roll-up of Priority Build fixes
 - ProjectWise Web Parts support for additional platforms and browsers(example: Android tablets)
 - Ability to view DGN and i-models in ProjectWise Explorer Preview Pane
- This refresh of SELECTseries 4 is expected in Q1,2013 timeframe.

What's Next for ProjectWise V8i (SELECTseries 4)

- View DGN and i-models in ProjectWise Explorer Preview Pane



Future Projects – Engineering Content Mgt.

Design Review Workflows

- Enable Review/Approval workflow capabilities
- Notifications and Routing
- Integrated Markups
- Automation

Markup management

- Project level Markup Indexing
- Create overlays dynamically as needed

Digital Rights Management (DRM) Integration

- Dynamically protects and secures project information
- Based on Adobe's LiveCycle Digital Rights Service

Future Projects - Application Integration

Sheet/Model Index and Management

- Sheet view of project
- Aligns to deliverables
- Sheet numbering and ordering
- Addresses multiple sheet files

Adobe Acrobat Integration

- Integrate standard file operations
- Incorporate dynamic review capabilities
- Both Acrobat and Reader

Outlook/MSG integration/management

- Special project email folders in PWE
- Outlook plugin for filing project emails while off-line

