ProjectWise & SharePoint

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Sustaining Infrastructure

3 Platforme

- Microsoft Sharepoint Server 2007

  + Knows about users **-** Cost money

- Microsoft SharePoint Service 2007

  + Free of charge **–** Don't know about users

- Internet Information Service 6.0

  + Included with OS **+** knows about users **–** Oldfashion - hard to customize

What is Microsoft SharePoint?

- – Microsoft Office platform for building Web-based

- business applications

- – Provide all users with:

- • Rich Collaboration Environment

- • File access control using check-in/check-out functions

- • Version control

- • Fast finding through powerful search features

- • Simple Access control (Single Sign On)

- • Calendars and Threaded Discussions

- • Simple project Web site and user-level customization

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Exsempel SharePoint Page

ProjectWise Web Clients

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Problem statements

- Fully functional web interface based client needed to enable:
  - Accessing ProjectWise content without requiring to have any software preinstalled on client machine
  - Ability to create and modify ProjectWise content using web interface

- Organizations with lots of casual read-only users can't justify cost of passport:
  - Read-only type of access needed without requiring to have passport
  - Un-limited number of users (only limited by technical scalability of software) supported

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ProjectWise Web Clients Goals

- Provide a replacement for existing ProjectWise Web Explorer Lite
  - Web Explorer Lite (WEL) is not delivered with V8i

- Support either SharePoint 2007 or stand-alone IIS environments

- Provide a platform for customization

- Provide read-only web interface

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ProjectWise Web Clients

- ProjectWise Web Server
  - Read-write type of actions allowed
  - Right to run license required
  - Passport required

- ProjectWise Web View server
  - Allows users read-only access to the PW system
  - Editing operations not permitted
 - Server Right To Run license required only (no Passport required)

ProjectWise Web Server

ProjectWise Web Server Capabilities

- Check out/in

- Document/Folder creation/deletion

- Multi-document operations

- Export/Send to Folder

- Component Display/Navigation

- Short-cuts to documents/folders(URLs).

- CAD files viewing
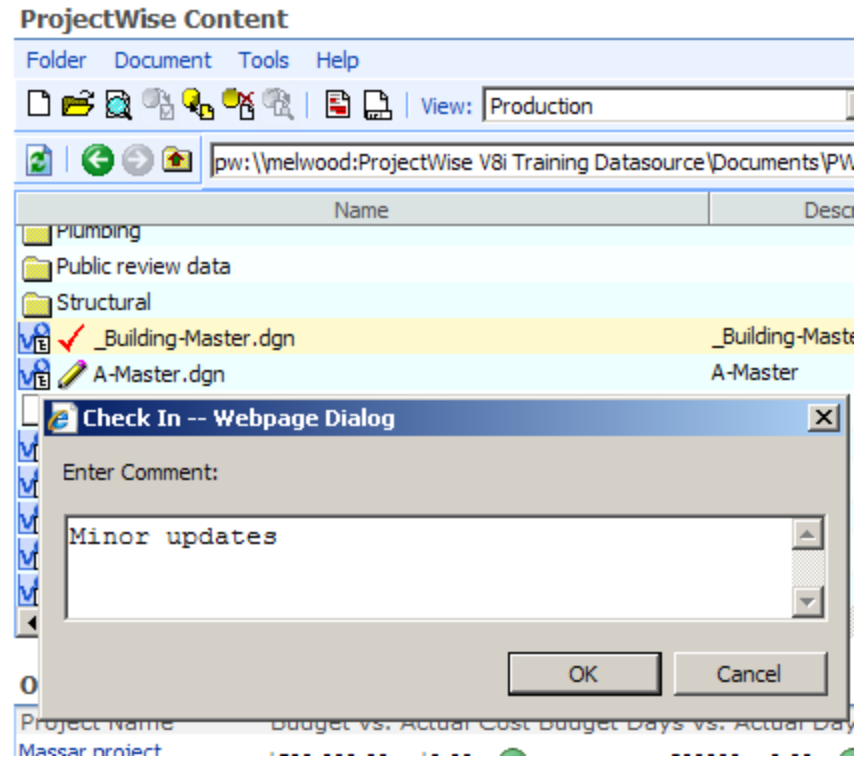
- Design Compare

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Web Server – Check out\in

- Allows checking out a file from web interface

- Enables users to work exclusively on a file from a remote location\connection

- CAD files are checked out with correct reference files
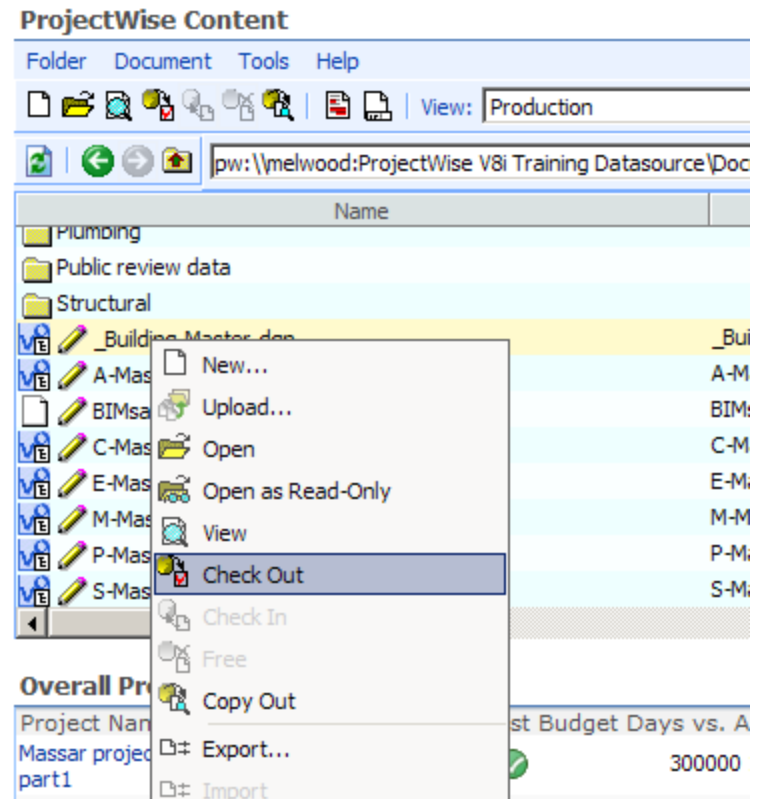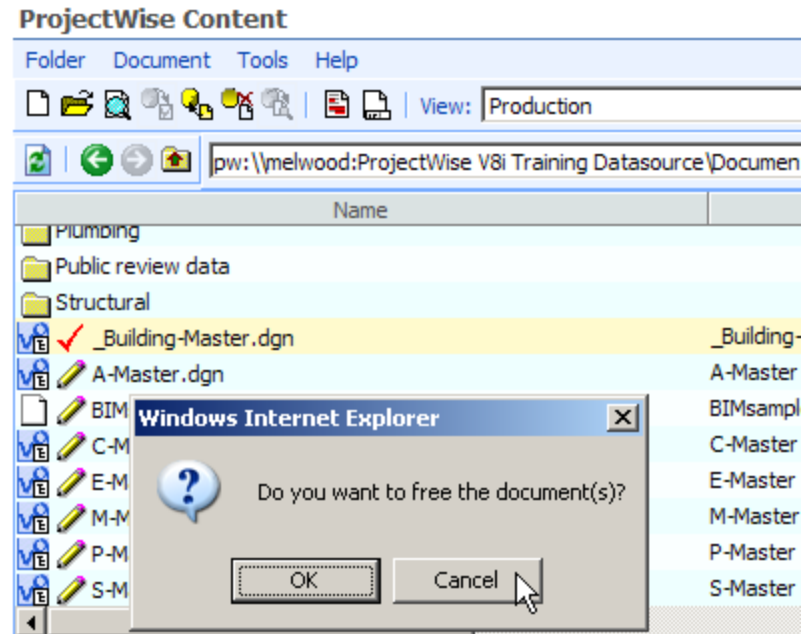
Web Server– Check in

- Allows checking in a file from the web interface

- Enable users editing files\create new files from an external connection\location

Web Server– Free

- Document editor is allowed to free checked out file, preserving the integrity of the server copy

- Administrator is allowed to free documents checked out by other users.
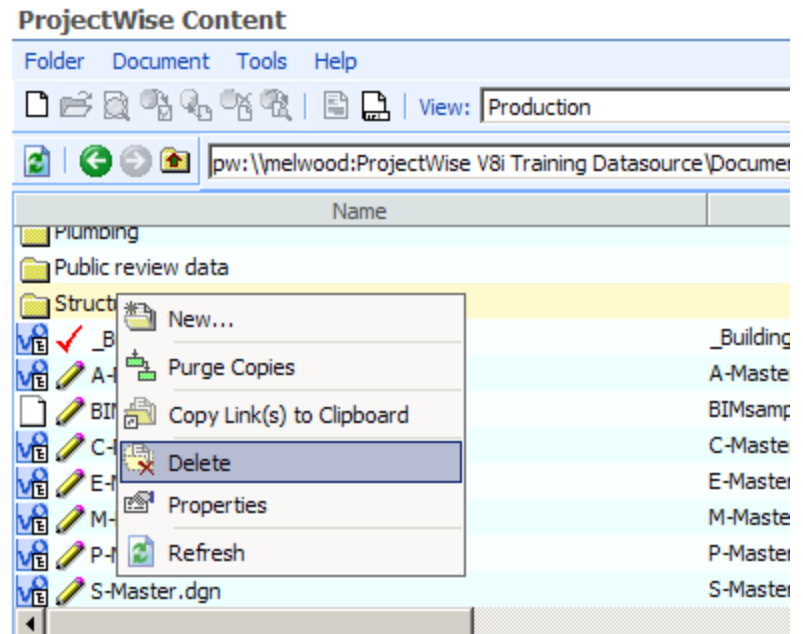
Web Server –Folder creation

- Allows creating new folders from the web interface

- Enables organizing datasource content from a remote location
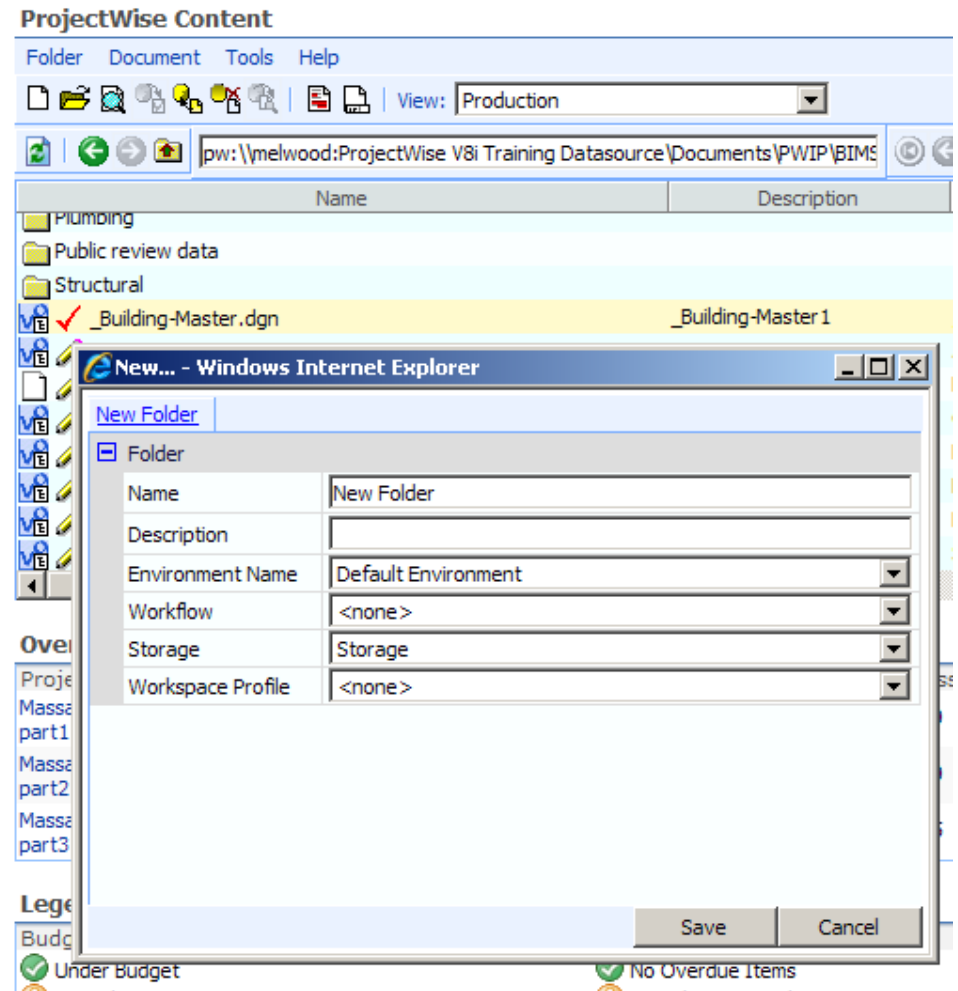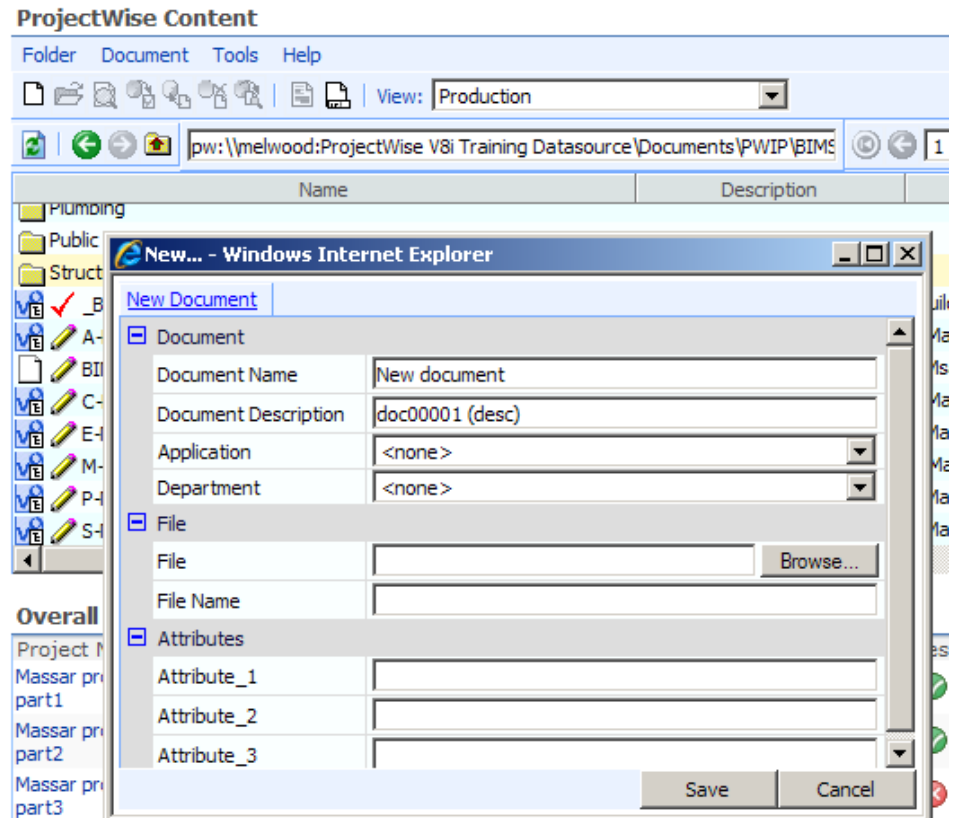
Web Server – Folder deletion

- Allows deleting folder from the Web Parts GUI

- Only empty folders are allowed to delete

Web Server – Document creation

- Allows creating new documents from the Web Parts GUI

- Enables adding content from a remote location

Web Server – Multi-file upload

- Allows uploading multiple documents at once

- Improves multiple documents handling efficiency
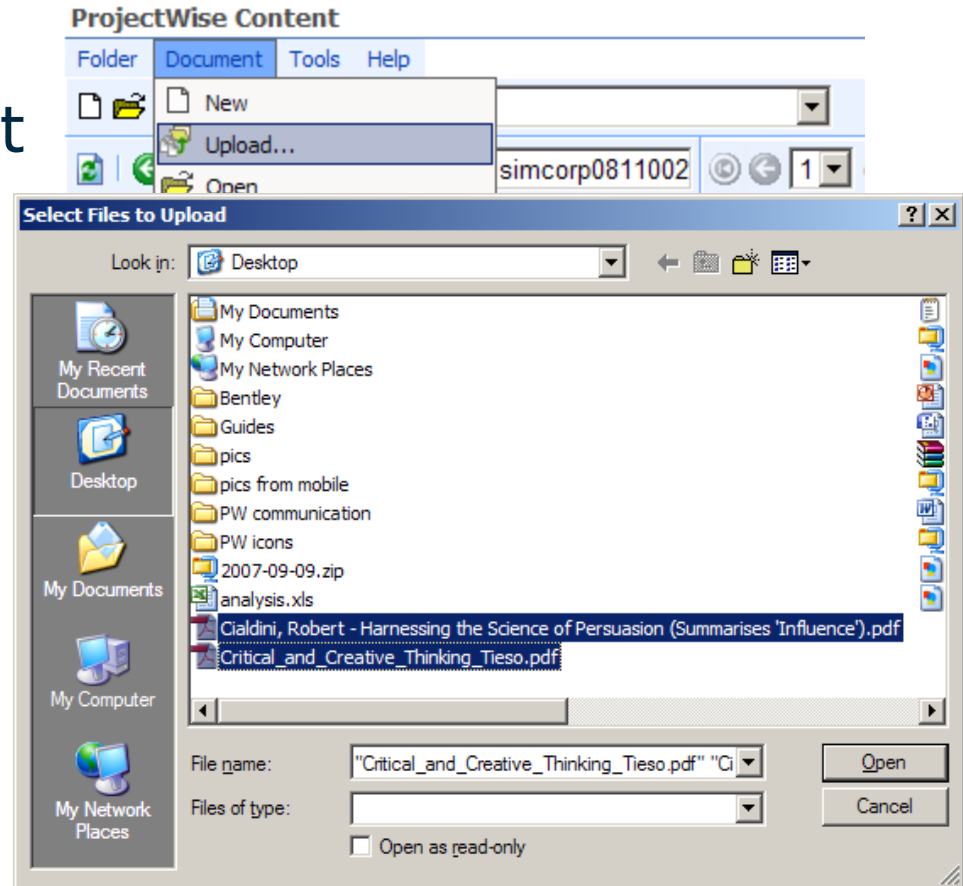
Web Server – Export/Send to Folder

- Allows user to export a file from the Web Parts GUI

- Enables to work on the document off-line without having anyone else make changes to it.
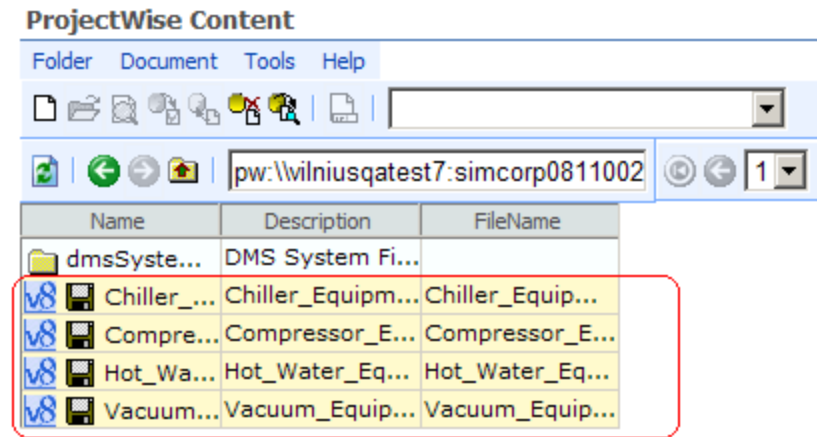
Web Server – Component Display/Navigation

- Displays ProjectWise components

- Enables external users navigating components
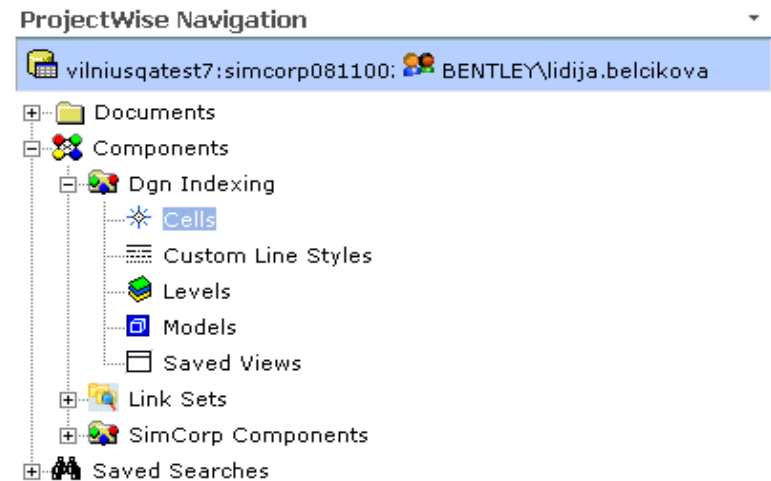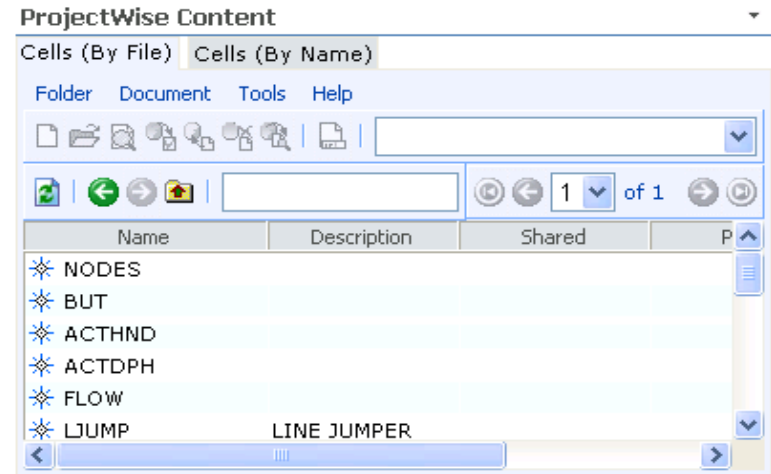
Web Server – document/folder links

- Allows creating link to some document or folder

- Enables referencing folders/documents from emails, SharePoint sites, etc.

- Combines site URL with PW moniker

- URL and URN type of links supported
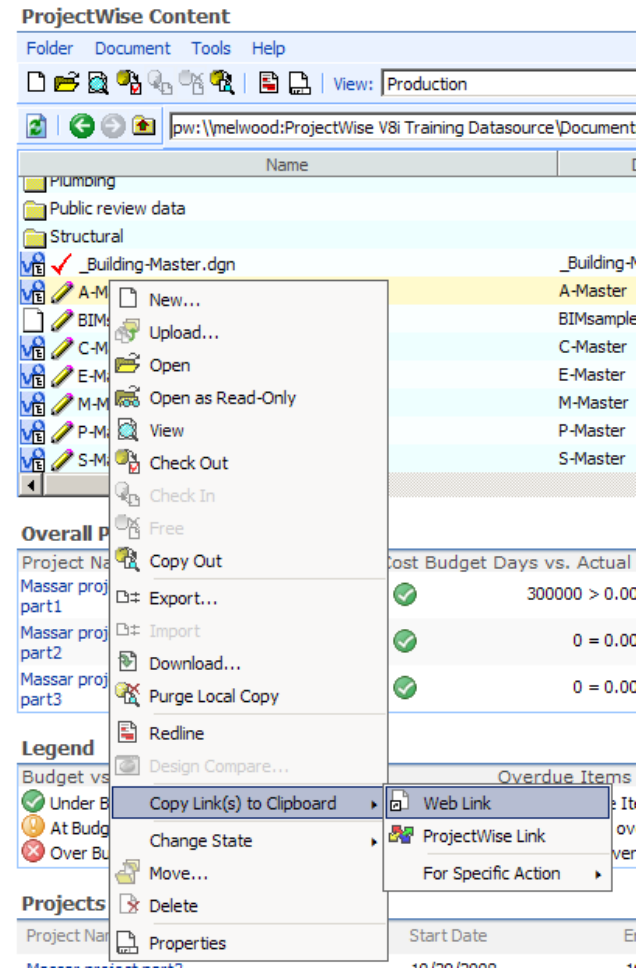
Web Server – "Action Link(s)"

- Creates hyperlink to document with embedded action (View, Redline, Open, Open as read-only) information

- Clicking on such link automatically executes the action

- Combines site URL with ProjectWise moniker and requested action

ProjectWise Web View Server

http://vilniusvmrva3:81/pw1.aspx

Live Search

ProjectWise Web Parts

Advanced Search

Go

Liverpool:Melwood | admin

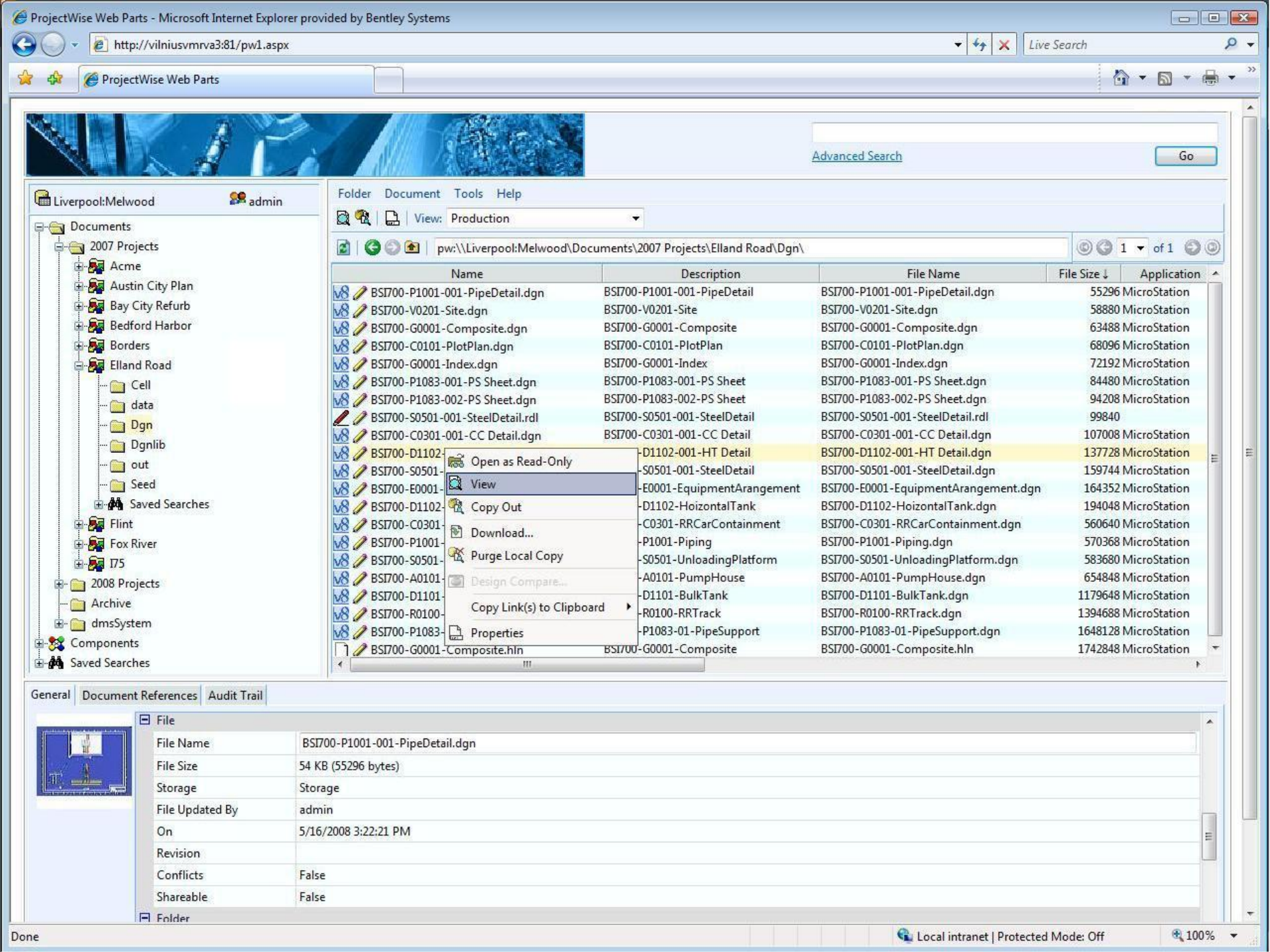Folder Document Tools Help

View: Production

pw:\\Liverpool:Melwood\Documents\2007 Projects\Elland Road\Dgn\   1 ▾ of 1

- Documents
  - 2007 Projects
    - Acme
    - Austin City Plan
    - Bay City Refurb
    - Bedford Harbor
    - Borders
    - Elland Road
      - Cell
      - data
      - Dgn
      - Dgnlib
      - out
      - Seed
      - Saved Searches
    - Flint
    - Fox River
    - I75
  - 2008 Projects
  - Archive
  - dmsSystem
- Components
- Saved Searches

Name	Description	File Name	File Size ↓	Application
BSI700-P1001-001-PipeDetail.dgn	BSI700-P1001-001-PipeDetail	BSI700-P1001-001-PipeDetail.dgn	55296	MicroStation
BSI700-V0201-Site.dgn	BSI700-V0201-Site	BSI700-V0201-Site.dgn	58880	MicroStation
BSI700-G0001-Composite.dgn	BSI700-G0001-Composite	BSI700-G0001-Composite.dgn	63488	MicroStation
BSI700-C0101-PlotPlan.dgn	BSI700-C0101-PlotPlan	BSI700-C0101-PlotPlan.dgn	68096	MicroStation
BSI700-G0001-Index.dgn	BSI700-G0001-Index	BSI700-G0001-Index.dgn	72192	MicroStation
BSI700-P1083-001-PS Sheet.dgn	BSI700-P1083-001-PS Sheet	BSI700-P1083-001-PS Sheet.dgn	84480	MicroStation
BSI700-P1083-002-PS Sheet.dgn	BSI700-P1083-002-PS Sheet	BSI700-P1083-002-PS Sheet.dgn	94208	MicroStation
BSI700-S0501-001-SteelDetail.rdl	BSI700-S0501-001-SteelDetail	BSI700-S0501-001-SteelDetail.rdl	99840	
BSI700-C0301-001-CC Detail.dgn	BSI700-C0301-001-CC Detail	BSI700-C0301-001-CC Detail.dgn	107008	MicroStation
BSI700-D1102-	-D1102-001-HT Detail	BSI700-D1102-001-HT Detail.dgn	137728	MicroStation
BSI700-S0501-	-S0501-001-SteelDetail	BSI700-S0501-001-SteelDetail.dgn	159744	MicroStation
BSI700-E0001-	-E0001-EquipmentArrangement	BSI700-E0001-EquipmentArrangement.dgn	164352	MicroStation
BSI700-D1102-	-D1102-HoizontalTank	BSI700-D1102-HoizontalTank.dgn	194048	MicroStation
BSI700-C0301-	-C0301-RRCarContainment	BSI700-C0301-RRCarContainment.dgn	560640	MicroStation
BSI700-P1001-	-P1001-Piping	BSI700-P1001-Piping.dgn	570368	MicroStation
BSI700-S0501-	-S0501-UnloadingPlatform	BSI700-S0501-UnloadingPlatform.dgn	583680	MicroStation
BSI700-A0101-	-A0101-PumpHouse	BSI700-A0101-PumpHouse.dgn	654848	MicroStation
BSI700-D1101-	-D1101-BulkTank	BSI700-D1101-BulkTank.dgn	1179648	MicroStation
BSI700-R0100-	-R0100-RRTrack	BSI700-R0100-RRTrack.dgn	1394688	MicroStation
BSI700-P1083-	-P1083-01-PipeSupport	BSI700-P1083-01-PipeSupport.dgn	1648128	MicroStation
BSI700-G0001-Composite.hln	BSI700-G0001-Composite	BSI700-G0001-Composite.hln	1742848	MicroStation

Context menu:
- Open as Read-Only
- View
- Copy Out
- Download...
- Purge Local Copy
- Design Compare...
- Copy Link(s) to Clipboard ▸
- Properties

General | Document References | Audit Trail

File	
File Name	BSI700-P1001-001-PipeDetail.dgn
File Size	54 KB (55296 bytes)
Storage	Storage
File Updated By	admin
On	5/16/2008 3:22:21 PM
Revision	
Conflicts	False
Shareable	False

Folder

Done

Local intranet | Protected Mode: Off   100%

Web View Server

- ProjectWise Web View Server provides with web access to <u>view</u> ProjectWise managed content.

- Makes it easy for <u>any number</u> of connected users to access and view work in a read-only mode using Internet Explorer.

- As the access is likely to be infrequent, and will always be to consume rather than produce/collaborate on ProjectWise managed content, there will be no requirement for a user to possess a ProjectWise Passport.

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Web View Server

- Leverages the same web parts (as Web Server) limited to read-only actions

- Supported both SharePoint as well as stand-alone IIS environments

- Requires a server Right to Run license. Does not require Passport for client access

- Requires PW Publishing Server for viewing of DGN/DWG data

- Deployment of both read-only and read/write sites on same physical server machine is supported

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Miscellaneous

Spatial Web Part