



Guide

Setup Quadri Connector for ProjectWise

 CONNECTED CONSTRUCTION

Setup Quadri Connector for ProjectWise

Quadri will connect to ProjectWise via the Bentley Web Services Gateway (WSG). This connection is set up through the file: ProjectWiseConfiguration.xml.

This file is located in the installation area at: ...\\Novapoint\\Extensions\\ProjectWise\\.

The wsgUrl element in the file:

```
< WSG wsgUrl = "https://10.1.2.251/ws/v2.7/" />
```

needs to be replaced by the url for the real WSG.

If you need more information on how to get the correct url and how to configure the Bentley Web Services Gateway, please use the *PWImplementationGuide.pdf* which comes with the ProjectWise installation. In the section ProjectWise Gateway Service Configuration at page 200 there is an example on how to get the address:

"From another computer:

<https://maestrovm.bentley.com/ws>

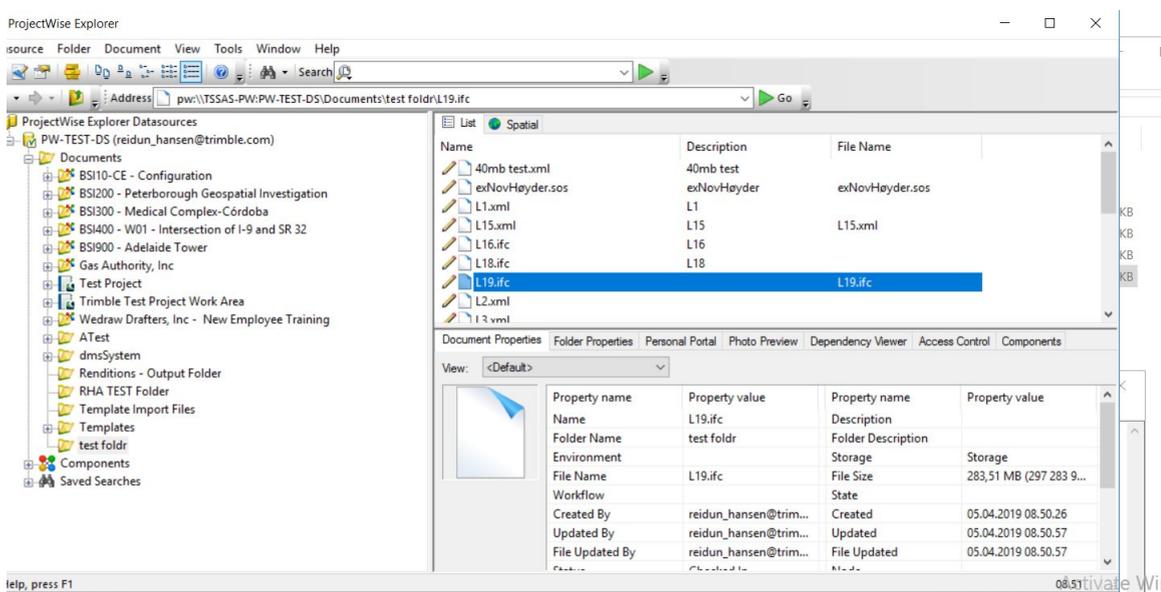
Where ws is the name you gave to the virtual directory when you deployed Bentley Web Services Gateway. See section: To Deploy Bentley Web Services Gateway (on page 193) And then you have to add the version number in our case it could be version number 2.7. Giving the address:

<https://maestrovm.bentley.com/ws/v2.7/>

For more information on how to setup the Bentley Web Services Gateway - please read *Web Services Gateway Setup Instructions*.

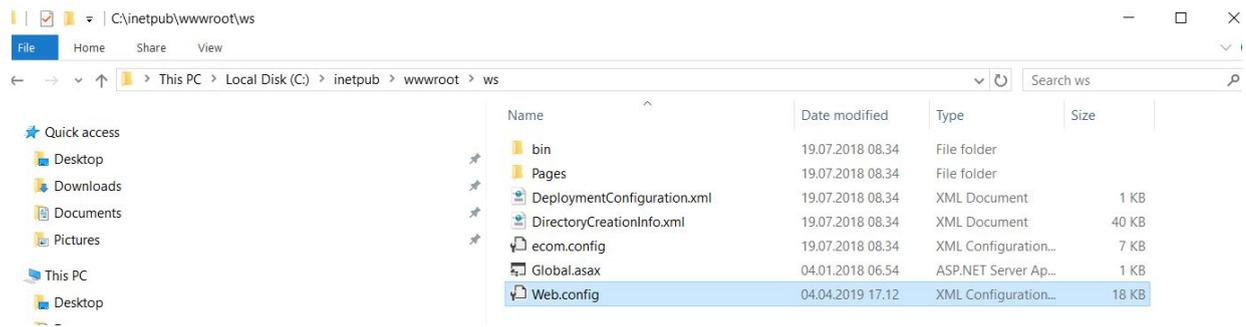
Adjust max upload filesize in WSG

In some cases the WebServices Gateway have quite a low limit for the size of the file to upload , if so you might adjust the upload file size on the WSG like this:



The screenshot shows the ProjectWise Explorer interface. The left pane displays a tree view of data sources, with 'PW-TEST-DS (reidun_hansen@trimble.com)' expanded to show a 'test folder' containing 'L19.ifc'. The right pane shows a list of files with columns for Name, Description, and File Name. The file 'L19.ifc' is selected, and its properties are displayed in the bottom pane. The properties table is as follows:

Property name	Property value	Property name	Property value
Name	L19.ifc	Description	
Folder Name	test foldr	Folder Description	
Environment		Storage	
File Name	L19.ifc	File Size	283,51 MB (297 283 9...
Workflow		State	
Created By	reidun_hansen@trim...	Created	05.04.2019 08.50.26
Updated By	reidun_hansen@trim...	Updated	05.04.2019 08.50.57
File Updated By	reidun_hansen@trim...	File Updated	05.04.2019 08.50.57



then find the limit UploadMaxFileSize in the web config file, and change this if necessary, see example:

```

Web.config - Notepad
File Edit Format View Help

Empty value to deny any cross-origin access; "*" value to allow cross-origin access to all domains.-->
<add key="Wsg.Explorer.AllowedCrossDomainRequests" value="" />
<!--If multiple instances share the same directory for files uploading, then those instances have to synchr
file upload functionality will become unstable. If only one instance is running, then disabling this fe
<add key="Wsg.Files.EnableInterProcessFileUploadSync" value="true" />
<!--Amount of time in minutes between temporary directories' cleanup executions. The cleanup will
actually start only if Wsg.Files.TemporaryDirectoryMinSizeBeforeStartingCleaningMB is reached.-->
<add key="Wsg.Files.TemporaryDirectoryCleanupIntervalMinutes" value="540" />
<!--Minimal amount of time in minutes before item can be deleted from temporary directory. If Wsg.Files.Ter
is not yet reached, then item will not be deleted even if this time passes. Default value - 3 days.-->
<add key="Wsg.Files.TemporaryDirectoryFileTimeoutMinutes" value="4320" />
<!--Temporary directory path is constructed using WorkingDirectory setting like this: WorkingDirectory/Tmp.
<!--Minimal amount of size in MB before temporary directory cleaner starts. Cleaner will delete only those
items, which were not used in time, specified by Wsg.Files.TemporaryDirectoryFileTimeoutMinutes.-->
<add key="Wsg.Files.TemporaryDirectoryMinSizeBeforeStartingCleaningMB" value="1024" />
<!--Vertical bar ('|') separated relative paths from temporary directory of directories that should not be
<add key="Wsg.Files.TemporaryDirectoryNotCleanedDirectories" value="" />
<!--Vertical bar ('|') separated relative paths from temporary directory of files (with or without extensio
<add key="Wsg.Files.TemporaryDirectoryNotCleanedFiles" value="" />
<!--Amount of time in minutes between uploaded files' cleanup executions (deletion of files that have not b
for amount of time specified in Wsg.Files.UploadFileTimeoutMinutes setting).-->
<add key="Wsg.Files.UploadFileCleanupIntervalMinutes" value="60" />
<!--Uploads directory path is constructed using WorkingDirectory setting like this: WorkingDirectory/Upload
<!--Amount of time in minutes that the file will be available for client to upload after last upload reques
<add key="Wsg.Files.UploadFileTimeoutMinutes" value="480" />
<!--Maximum allowed size of a file in kilobytes that can be uploaded. Starting an upload of a file bigger t
This setting controls the size of the whole file, not the size of partial upload requests, which can be
with maxRequestLength attribute in configuration\system.web\httpRuntime element.-->
<add key="Wsg.Files.UploadMaxFileSizeKB" value="300000" />

```

The number set in the web config file is just an example, give the limit that fits the size of your PW server and the network.