Installation Guide

This document applies to the following ERP system(s):

FIS EAS

Installation Overview

Creating and installing a new BizInsight environment requires the following steps. If you are upgrading your BizInsight installation to a new version, please refer to the document titled "Applying Updates".

If you are installing on a Terminal Services or Citrix server, please also refer to the document titled "Citrix Terminal Sevices Deployment Guide" for steps specific to that environment.



IMPORTANT

BizNet Software strongly discourages running BizInsight over a WAN or VPN connection. Performance of the product can be greatly diminished in this configuration because of the volume of data being transferred and bandwidth limitations. Customers may implement the product in this manner but Support for performance issues will not be provided until the issue can be demonstrated to exist in a non-WAN/VPN configuration.

Notice Screenshots in this document are provided as examples and may not exactly match what you see in your environment or the values displayed in the screenshots may not be appropriate for your implementation. Be sure to read all instructions completely for guidance on what values you may need to enter.

System Requirements

Prior to running the content installer, confirm that the following system requirements are satisfied. If any of the following are not satisfied, this installer tool cannot be used.

- The server operating system is one of the following:
 - Windows Server 2003 R2 (SP2 or later)
 - Windows Server 2008 (SP2 or later)
 - Windows Server 2008 R2
 - Windows Server 2012
- The user performing the installation has Administrator privileges
- Existing SQL Server installations that can be used are SQL Server 2008, SQL Server 2008 R2, SQL Server 2012, SQL Server 2014, and SQL Server 2016. If the existing SQL Server installation is not one of the supported versions, use the Content Installer to install a side-by-side SQL Server 2008 R2 Express instance.

If the server has SQL Server 2016 installed, the Content Installer may fail on two steps. The following workarounds can be used to resolve these issues if they occur:

KBA-01144-W3R9R4 - An error occurred while installing the BizInsight and BizInsightDB databases -- This error occurs when using an existing SQL Server instance instead of letting the Content Installer install a 2008 R2 Express Edition and the server OS is Windows Server 2012.

KBA-01149-Z4J7H1 - System.IO.FileNotFoundException: Could not load file or assembly 'Microsoft.SqlServer.ConnectionInfo' - This issue only occurs if an existing SQL 2016 instance is used and the server has never had any earlier versions of SQL installed.

• The C:\ drive must have at least 5 GB of available space for the SQL Server installation (if an existing SQL installation cannot be used)

• The server is NOT a domain controller.

In the event the server is a domain controller, a supported version of SQL Server and Reporting Services must be installed manually before running the Content Installer. Example installation steps can be found in the document titled "Installing SQL Server and Reporting Services".

- If the Content Installer will not be used to install an Express edition of SQL Server and Reporting Service, the server *must* have a SQL database engine installed.
- If using an existing SQL Server installation, the Windows log in of the user performing the installation must have sysadmin rights to the SQL server installation.

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Locate Installation Files

In preparation for installation, download the files that will be required for installation from the BizNet Software portal, (<u>http://biznet.flexnetoperations.com</u>). All files can be found under "Browse My Software and Documentation".

HOME > DOWNLOAD CENTRAL	HOME				
Software & Services Home	Download	Central Home			
Product Search					
Order History		Central Homepage! Check out "My Recent Email Notifications" to view the latest ecent Files Posted" displays any files posted in the past 30 days. "My Products"			
Search Line Items	shows your list of products.				
Files Not Downloaded					
Recent Product Releases					
Recent Files Posted	Recent Email Notificatio	ons			
Recent Email Notifications	View All				
recent Email Notifications	Mar 20, 2014 BizNet Software Order Notification				
Administration 🌣	Mar 17, 2014	BizNet Product Update Notification			
Account Administrators	Mar 17, 2014	BizNet Product Update Notification			
Account Members	Mar 17, 2014	r 17, 2014 Password Finder			
Change Password	Feb 27, 2014 Welcome to the BizNet Software Customer Portal				
Email Preferences					
Product Preferences	Recent Files Posted				
Download Preferences	View All				
Your Profile	Mar 17, 2014	BizBroadcast 2.1.1 - Release Notes			
Tour Frome	Mar 17, 2014	BizNet Broadcast 2.1.1 Documentation			
Get Help 🛛	Mar 17, 2014	BizBroadcast 2.1.1			
Download Help	Mar 17, 2014	BizInsight 5.0.34.4 Documentation			
Table of Contents	Mar 17, 2014	Bizinsight 5.0.34.4 Release Notes			
FAQs	Mar 17, 2014	Bizinsight 5.0.34.4			
Support	Browse My Software an	ad Documentation			
	Diowse wy Soliwale an				
	BizNet Software, Inc.	My Products Product Lines			

Following are the files you will need to download:

- BizInsight 5.0.35.2
- BizInsight Tools.zip this download file contains several tools that you might need to use during implementation. It can be found with the BizInsight product download file.
- BizContent download all BizContent files to which you are entitled (required)

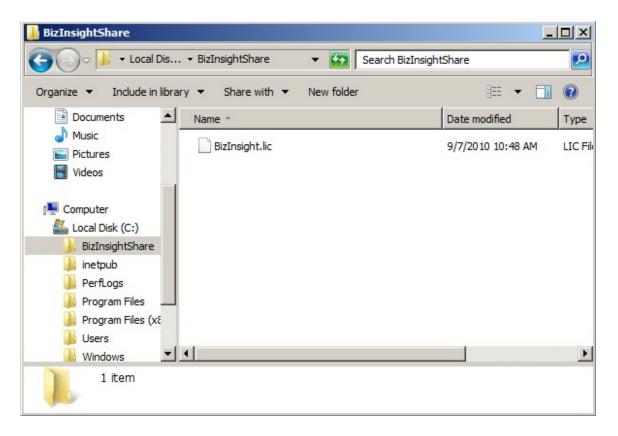
Save these files to any network location that is accessible from both the server and the client workstations. Throughout the documentation you will be instructed to access the contents of these different zip files.

Installation Activities for the Server

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Step 1: Create Shared Directory

Create a folder on your server or any network location that will be accessible by the BizInsight users. Copy the BizInsight license to this folder.



You may want to create two subdirectories, one for Admin files and the second for Configuration files for more granular security control. BizInsight users must have modify rights to the config files but will only need read rights to the admin files. Copy the BizInsight license to the Admin folder if you choose to use this folder structure.

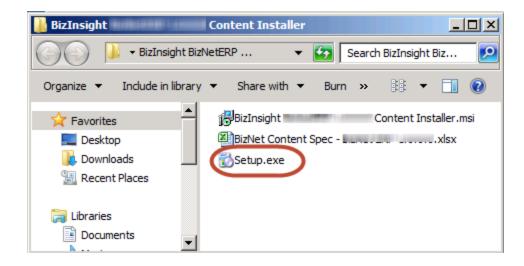
The Admin Tool, which will be used later, will configure sharing and security permissions of this directory for the BizInsight end users.

Step 2: Run Content Pack Installer

Each content pack comes with an installer package that needs to be run on the server that will be used to host Microsoft SQL Server Reporting Services, a required element of a BizContent installation.

IMPORTANT If you intend to use an existing SQL Server installation and Reporting Services instance, the content installer **must** be run on the database server or a server where a SQL database engine has been installed. It is not designed to be run from a client workstation.

- 1. Extract the contents of the content pack download file that was downloaded from the portal site into a directory on the server.
- 2. Browse to the extract directory and double-click on the file named setup.exe.



3. The Welcome dialog will open. Click Next.

🙀 BizInsight Content Installer	Content Pack Name	Setup	
	Welcome to the Installer <i>Conte</i> , Wizard The Setup Wizard will in BizInsightSunGardEAS o continue or Cancel to ex	nt Pack Name stall BizInsight Conten n your computer. Clici	Setup t Installer
	Back	Next	Cancel

4. Review the End User License Agreement and if you agree to the terms, check the I accept the terms in the License Agreement checkbox and click Next.

Please read the following licer	nse agreement carefully	WBizNet softw
		-
End Use	r License Agi	reement
	LICKING THE "I A THIS PAGE OR BY ARE, YOU AGREE " CONDITIONS OF EE THAT THIS	GREE" BUTTON AT INSTALLING AND IO ACCEPT ALL OF THIS AGREEMENT
I accept the terms in the Lid	conce Agreement	

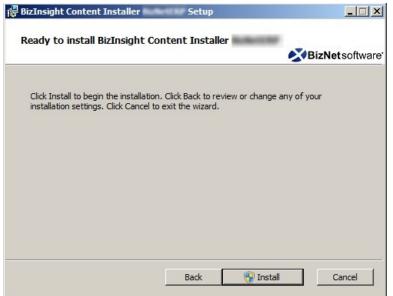
5. Click on the desired **Setup Type** button.

Choose S	Setup Type		
Choose	the setup type that best suit	s your needs	BizNetsoftwa
	Typical		
	Installs the most common p	rogram features. Recom	mended for most users.
	Custom		
	Allows users to choose whic they will be installed. Recon		
	Complete		
	All program features will be	installed. Requires the m	nost disk space.
		Back	Next Cancel

Custom setup type options that are available:

Select the way you	u want features to be insta	helled		
Select the way yo	a want reatures to be insta	ilieu.		BizNetsoft
Click the icons in t	ne tree below to change th	e way feat	hures will be insta	alled
	ie u ee below to change ui	e way reat	uies wii de insta	ancu.
	zInsight 1.0.0.0	Ca		
	esktop Shortcut			
Pr	ogram Menu Shortcut			
		-		00710
			is feature requin ur hard drive.	es 92/MB on
•		F		
<u></u>				
	C:\Program Files (x86)\Bizt	Vet Softwa	re\BizNetERP	Browse
	1.0.0.0\			-

6. Click Install.



7. Click Yes to any User Account Control messages.

🌍 User	r Account Contr	ol	×
		o allow the following program from an unknown ake changes to this computer?	
	Program name:	C. Carer T. D. Doning Davids Balan DF Balangin.	
	Publisher:	Unknown	
	File origin:	Hard drive on this computer	
-	Show details	Yes No	
		Change when these notifications a	ppear

8. When the installer completes, an icon will exist on the desktop if you did not disable the creation of shortcuts.



9. Double-click the shortcut on the desktop to launch the content installer. If you chose a Custom installation and disabled the creation of shortcuts, you

must browse to the directory to which the content installer files were extracted and double-click the **BizNet Content Installer.exe**.

10. The content installer will inspect the server and determine what elements might already exist and indicate their presence. The following screenshot illustrates a system that has not had any content previously installed by a content installer.

🖉 BizInsight BizInsightSunGardE#	AS 3.0.0.0 Content Installer
	Relevant Information
Automatic Install Manual Install Stages Install Report Server Create Report Server User Install Caching Service Deploy DataSet Content	 Reporting Server Not Found Reporting Server User Not Found Caching Service Not Found Caching Service Not Found BizInsightSunGardEAS DataSet Content Not Found BizInsightSunGardEAS MetaData Content Not Found BizInsightSunGardEAS Function Content Not Found Users Need To Be Added by Admin Tool Settings Need To Be Configured by Config Tool
Deploy MetaData Content	
Deploy Function Content	
Admin Tool	
Config Tool	
Exit	5

Step 3: Automatic Install

This section describes installing using the Automatic Install button. For more details or to install manually, see "Content Installer Manual Install Steps" on page 131 in the Appendices section.

1. Clicking on Automatic Install will open a prompt to designate a folder location. Click on the Browse button and browse to the folder that will be used as the shared directory for BizInsight.

Pre Installation Question						
Deploy Local Content						
Please choose a directory location	n for the Configuration Path:	C:\BizInsig	htShare			Browse
This directory will become a share	d network directory after the i	nstallation pro	ocess.		C Ove	rride Configuration Path
	Ok			Cancel		

If you chose to create separate folders for the admin files and config files, choose the config folder for the path.

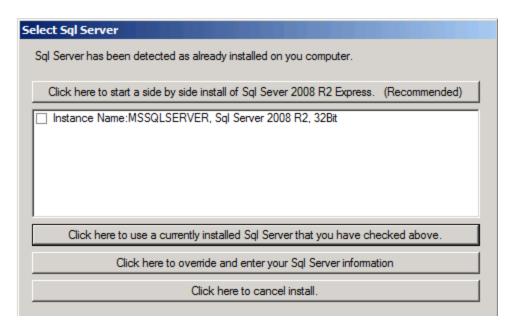
Pre Installation Question					
Deploy Local Content					
Please choose a directory locati	on for the Configuration Path:	C:\BizInsightShare\Config			Browse
This directory will become a share	red network directory after the i	nstallation process.			Override Configuration Path
	Ok		(Cancel	

Click OK.

2. You may be asked to enable the local Administrator account. Click **OK**, **Thanks**, even if you know that the Administrator account is enabled.

Required Confirmation	
We recommend enabling the local Admi Your installation of SQL Server Reportin correctly. Do you want to continue?	
Ok, Thanks	No, Let me go back and fix this

3. If the Content Installer detects existing instances of SQL Server Reporting Services installed on the local server machine, the following dialog will display giving you the option to use the existing installation or to install a side by side installation.



Option	Description
Click here to start a side by side installation of SQL Server 2008 R2 Express	The side-by-side option is the recommended option to ensure that all configuration changes needed for BizInsight purposes do not interfere with other applications that may be using SQL or Reporting Services.
Click here to use a currently installed SQL Server that you have checked above	Use this button to specify that the installer use a detected existing instance. Be sure to check the checkbox next to any detected instance before using this button.

Option	Description
Click here to override and enter your Sql Server information	Use this button If you need to specify a different port or want to use HTTPS for secure communications or your existing installation is not detected.
	When this button is clicked, a warning will display to emphasize the requirement that the content installer must be run on a server with a SQL database engine installed. Click OK to clear the message.
	X
	The SQL Server override must connect to a SQL Server on machine SERVER2008R2
	OK
	Report Server Override
	Connection Sting For SQL Server Server-SERVER2008R2'instance_name.Trusted_Connection=True;
	Windows Authentication Example Test SQL Server Authentication Example Web URL For Report Server
	http://[MACHINE-NAME/ReportServer_[REPORT-SERVER-INSTANCE] Test Report Server Connection
	Oventde Report Server Install Cencel
	In the Connection String for SQL Server field, enter a valid connection string for the SQL Server instance to which the Content Installer should install the SQL MetaData databases. Use the Windows Authentication Example or the SQL Server Authentication Example buttons to populate the connection string with sample syntax. Be sure to change the values to
	values valid for your environment.
	In the Web URL for Report Server field, enter the web service URL for the Reporting Services site to which Content Installer should deploy the content RDLs.

If no Reporting Services Server is detected, the process automatically installs SQL Server 2008 R2 Express with Advanced Services and uses "BIZNET" as the default Report Server instance name.

Content Installer	
Save to: C:\Users\linda\AppData\Local\Temp\Temp Working Area\SQLEXPRADV_x86_ENU.exe	
File size:	
	Cancel
Please wait while your download starts	

IMPORTANT IF an existing reporting services installation that you want to use is not detected by the installer or you are not able to use the Override option, contact BizNet Software Support for assistance.

If you get the following error after selecting the side by side installation, verify that you have internet access.

Error		×
8	An error occurred while downloading file. Possibe causes: 1) File doesn't exist 2) Remote server error	
	OK	

If the side-by-side installation fails, contact BizNet Software Support for assistance.

The Content Installer will proceed to the Install Caching Service step. The following error will occur:

BizNet	x
Unable to locate 64 bit Caching Service Installation files @ C:\Program (x86)\BizNet Software\BizInsightSunGardEAS 3.0.0.0\BIZNETSERVER I Files\x64\setup.exe	
	ОК

To resolve this issue and proceed with the installation, open Windows Explorer and browse to the C:\Program Files (x86)\BizNet Software\BizInsightSungardEAS 3.0.0.0 directory.

	I	BizInsightSunGardI	EAS 3.0.0.0
Share View			
📗 🕨 This PC 🔸 Local Disk (C:) 🕨 Program File:	s (x86) 🕨 BizNet Softw	vare 🕨 BizlnsightSunG	ardEAS 3.0.0.0
Name	Date modified	Туре	Size
Caching Service Installation Files	1/19/2017 2:18 PM	File folder	
🐌 Content	1/19/2017 1:24 PM	File folder	
AccessToSQL.dll	12/16/2014 5:10 PM	Application extens	53 KB

In that directory, rename the "Caching Service Installation Files" folder to "BIZNETSERVER Installation Files".

		BizInsightSunGard	EAS 3.0.0.0
Share View			
📙 🕨 This PC 🔸 Local Disk (C:) 🕨 Program F	iles (x86) ► BizNet Softv	ware 🕨 BizInsightSunG	ardEAS 3.0.0.0
Name	Date modified	Туре	Size
BIZNETSERVER Installation Files	1/19/2017 2:18 PM	File folder	
🐌 Content	1/19/2017 1:24 PM	File folder	
🚳 AccessToSQL.dll	12/16/2014 5:10 PM	Application extens	53 KB
AccessToSQL.dll	12/16/2014 5:10 PM	CONFIG File	18 KB

Return to the Content Installer, click **OK** to the error if it hasn't been cleared yet and then click the **Automatic Install** button again. Click OK to the Pre Installation Dialog. It should be already populated with the original path you entered.

Pre Installation Question		
Deploy Local Content		
Please choose a directory location for the Configuration Path:	C:\BizInsightShare	Browse
This directory will become a shared network directory after the i	nstallation process.	Override Configuration Path
Ok	Cancel	h.

4. A Welcome dialog will display at the start of the caching service installation. Click Next.

BizNet Service	– – X
Welcome to the BizNet Service Setup Wizard	✓BizInsight ⁻
The installer will guide you through the steps required to install BizNet Service or	n your computer.
WARNING: This computer program is protected by copyright law and internation Unauthorized duplication or distribution of this program, or any portion of it, may or criminal penalties, and will be prosecuted to the maximum extent possible und	result in severe civil
Cancel < Back	Next >

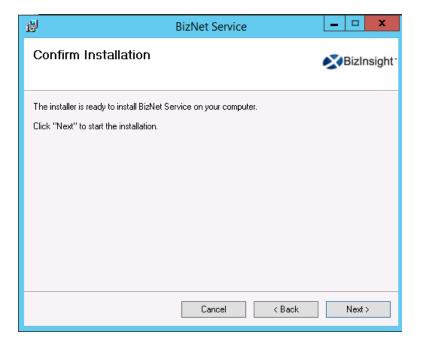
5. The License Agreement dialog will open. Read through the agreement and if you agree with the terms, click the I agree radio button and then click Next.



6. Accept the default installation directory or browse to a location of your choice. Click **Next**.

岁 BizNet Service	– 🗆 X
Select Installation Folder	X BizInsight
The installer will install BizNet Service to the following folder. To install in this folder, click "Next". To install to a different folder, enter it be	elow or click "Browse".
Eolder: C:\Program Files\BizNet Software\BizNet Service\	Browse Disk Cost
Cancel < Back	: Next>

7. Click Next at the Confirm Installation dialog.



8. The **Configure BizNet Caching Service** dialog will open. Use this dialog to specify the database from which the caching service will retrieve data, the authentication method to use for data retrieval, and default cache duration and timeout settings.

Configure BizNet Cach	hing Service 🗖 🗖 🗙
The BizNet Caching Service is a required	d component for Bizlosiaht
Caching Service Server Type	
	SQL SERVER V
Default Connection to EAS Database	
Default Connection to EAS Database	Windows Authentication
	Vindows Authentication
Server Name	
Database Name	
User ID	
Password	
	Test Connection
	Test Connection
Default Cache Duration (Specify how long the da	ta remains in cache)
Data 0 12	A Minutes 0
Days 0 A Hours 12	Minutes 0
Query Time Out (Specify how long the request wi	II take before timing out)
Minutes 3	Seconds 20
Optimization Settings	
·	
Use Company Calendar for CA function	ons
BU Performance Selection	
 Case Statements 	Inner Join Statements
Manage additional connections	to EAS databases
Configure now	Skip this step
Configure now	ordp this stop

Option	Description	
Caching Service Server Type	Choose the database platform of the accounting system database, either Oracle or SQL Server.	

Option	Description	
Default Connection to EAS Database	Use this section to configure the default database from which data will be retrieved. This will be the default connection string used by BizInsight to retrieve data.	
	 NOTE The Windows Authentication option will use the caching service's service account credentials to connect to the EAS database (not the BizInsight user's credentials). Make sure the service account has db_datareader permissions to the EAS database. Use the Test Connection button to confirm that the connection configuration is correct. 	
	Test Connection a remains in cache) Minutes Minutes Seconds 20	

Option	Description
Default Cache Duration	As data is retrieved from EAS, it is cached by the caching service and assigned a cache expiration date/time based on the default cache duration specified here. The cached data will be provided on subsequent requests until the cache has expired. Once a data cache has expired, the caching service will retrieve the current data from the EAS database.
	The default setting is 12 hours. The longer the cache duration is set, the better the BizInsight report performance will be. Customers who use a long cache duration in combination with thoughtful use of the ByPassCache function parameter will achieve the best possible report performance.
	IMPORTANT The cache duration should never be set below 5 minutes. Doing so will result in product instability.
Query Time Out	This option allows customers to adjust how long the caching service will wait before timing out and failing the current data request. Customers with significant amounts of data may need to increase the caching service query timeout to allow queries sufficient time to complete and return data to the caching service.

Option

Description

Optimization Settings

Each customer's environment is unique. The default settings provided in this section should be appropriate for the majority of customers and should be left unchanged unless performance is an issue, particularly with Business Unit ("BU") and Cost Allocation ("CA") functions. In general, databases that have their tables properly indexed and optimized for JOIN statements should see better performance with the CA calendar option and BU Joins enabled.

It is recommended that any changes made to the optimization settings be tested with a series of workbooks with different types of functions to fully assess the impact a change has across the different reports being run within the organization. Certain functions may perform better with different combinations of these settings. For example:

YTDNETCA functions - Try BU Join enabled, Use Calendar Join checked YTDENDBALRCBU functions -- Try BU Case enabled , Use Calendar Join unchecked YTDNETRCCA - Try BU Case enabled, Use Calendar Join unchecked

IMPORTANT The above are examples only. Customers may need to test different combinations to determine what works best for their EAS implementation and report designs. The caching service must be stopped and restarted for any setting changes to take effect.

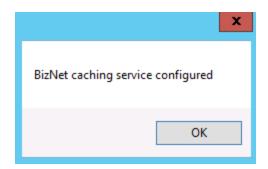
Option	Description
Use Company Calendar for CA Functions	Use this option to improve performance of the Cost Allocation ("CA") functions. Checking this option instructs the caching service to use the company calendar table for period filtering. By default, the queries use a substring function on the CAL_ ACCCTG_PERIOD field to extract the period and year for filtering which can be slower performing.
	Checking this option may be advisable for reports that use many BU parameters in CA functions.
BU Performance Selection	The queries used to retrieve the BU data can use either CASE statements or INNER JOIN statements.Some customers will experience better performance using CASE statements and others will see better performance with INNER JOIN statements. Which option to choose is customer environment specific. If users are reporting slow performance when refreshing reports that contain BU functions, this option can be changed to see if better performance can be achieved with the alternate query design.

Option	Description	
Manage additional connections to EAS databases	If users will need to retrieve data from more than one EAS database, use the Manage additional connections to EAS databases button to setup aliases to the remaining EAS databases. Users can connect to other databases by supplying a connection alias name to their BizInsight function.	
	Manage Additional SQL SERVER Connections Currently Configured Connections Currently Configured Connections Connection Information Connection Name Server Name Database Name User ID Password Add Replace Connection Test Connection Clear	

Note Once the caching service is installed and configured, the caching service configuration dialog can be accessed from the Start menu if changes need to be made or additional connections added:



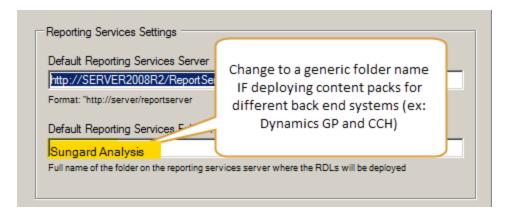
9. Click **OK** to the dialog indicating the caching service is configured.



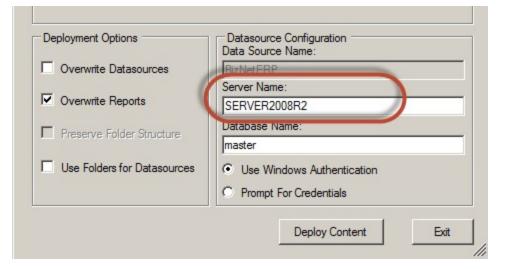
10. The Installation Complete dialog will open. Click Close.

BizNet Service	– – X	
Installation Complete	Z BizInsight	
BizNet Service has been successfully installed.		
Click "Close" to exit.		
Please use Windows Update to check for any critical updates to the .NET Framework.		
Cancel	Back Close	

- 11. The Content Deployment dialog will open next. Most values will be automatically completed for you in this dialog.
 - a. **IMPORTANT** If you will be installing content packs for multiple back end systems (example, Dynamics GP and Sage 500 or Sage 100 and CCH, change the **Default Reporting Services Folder Path** to something generic like "BizInsight" to ensure the content is deployed to the same folder. Do this for each content pack being installed. This is important because BizInsight can be pointed to only one reporting services folder so all content must be deployed to the same folder.



b. Adjust the **Server Name** field if your accounting system database is on another server.



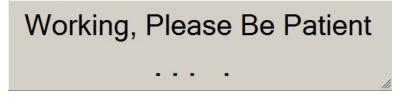
c. Adjust the **Database Name** field to point to your accounting system database. If your accounting software uses a system or control database, provide the name of that database rather than a company database name.

	Data Source Name:
Overwrite Datasources	BizNetERP
	Server Name:
 Overwrite Reports 	SERVER2008R2
Preserve Folder Structure	Database Name:
	EAS
Use Folders for Datasources	Use Windows Authentication
	O Prompt For Credentials
	Deploy Content Exit

d. Select the desired authentication method - Windows authentication or Prompt for Credentials.



e. Click Deploy Content to continue.



The **Content Deployed Successfully** dialog will open and display the Web Service and the Report Manager URLs. Click **Close**.



If you encounter an error deploying the DataSet Content, contact BizNet Software Support for assistance. 12. The content installer will continue automatically installing elements. You will see the content installer window update with green checks as the installer completes the elements.

🖄 BizInsight BizInsightSunGardEAS	5 3.0.0.0 Content Installer
	Relevant Information
Automatic Install Manual Install Stages Install Report Server Create Report Server User Install Caching Service Deploy DataSet Content Deploy MetaData Content Deploy Function Content Admin Tool	 Reporting Server Found Reporting Server User Found Caching Service Found BizInsightSunGardEAS DataSet Content Found BizInsightSunGardEAS MetaData Content Found BizInsightSunGardEAS Function Content Found Users Have Been Added by Admin Tool Settings Have Been Configured by Config Tool
Config Tool	
View Additional Files	
Exit	5

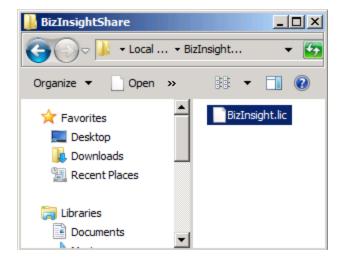
🔨 IMPORTANT

If the Deploy MetaData step fails with a message that the user does not have sysadmin rights, see "Sysadmin Error Workaround".

13. The License Administration Tool will open. Click on the browse button.



Browse to the directory that contains the BizInsight license file.



14. Click the **Validate License** button to review the license information. The number of licenses purchased will be displayed.

License Administration Tool - SERVER2008R2\linda	_ [] >
Administration Path	
C:\BizInsightShare\Admin\BizInsight.lic	
Network share where your license file is stored.	
Validate License	
BizNet Software Test License Expiration 01/31/2029	
Developer 1 Designer 2 Viewer 2 DrillDown 2	
Configure Users	
	Exit

15. Click on the **Configure Users** button to add your BizInsight users and assign them to a BizInsight user type (Developer, Designer, Viewer or Drilldown). Click **Commit Changes** when finished.

WARNING Do not add your own login using the Admin Tool unless you know for sure that you have another login available with sysadmin rights to the SQL Server instance. Early versions of the content installer (pre version 1.6) will remove existing permissions for users, including those with sysadmin rights. If uncertain, skip this step and confirm sysadmin access will not be lost then return to complete the Admin Tool step.

License Administration Tool - SERVER2008R2\linda			
Administration Path	🖉 Current Users		
C:\BizInsightShare\Admin\BizInsi	User Type	Users	
, Network share where your license	Designer 💌	domain∖linda	
	Designer 🔹	domain\albert	
Validate License	Viewer 💌	domain\marilyn	
BizNet Software Test License	Viewer 🗾	domain\frank	
Expiration 01/31/2029	•		
Developer 1 Designer 2			,
Viewer 2			
DrillDown 2			
Configure Users			
	Add Row	Delete Row	Commit Changes

MPORTANT

To avoid errors when the License Administration Tool sets up security, be sure to include the domain in front of the login ids. 16. You will be prompted to assign the necessary folder permissions and Reporting Services security to the users. Click **Yes**.



For more information about the permissions that are set, see "Permission Details" on page 150.

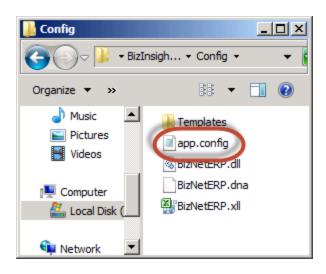
17. The **Configuration Tool** dialog will open. This dialog is already pre-populated with appropriate default values.

🖉 Configuration Tool	
General User Experience Performance Security	
SQL Server MetaData Connection SQL connection information for BizInsight databases. Database instance name not required if using default.	
SERVER2008R2	
Configuration Path Network share where the content files are stored	
\\SERVER2008R2\ConfigurationPath	
Administration Path Network share where your license file and user files are stored	
\\SERVER2008R2\AdministrationPath	
Default Reporting Services Server Web url of the reporting services server where the RDLs are deployed	

Basic options to consider adjusting are listed below.

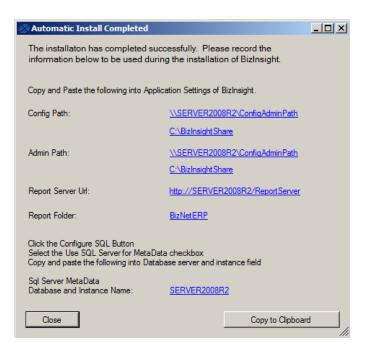
Tab Name	Option	Purpose
General	Content Path Override	If your user profiles are remapped to network directories instead of to local hard drive locations, use this option to specify a default local directory to which the BizInsight Scan for Content feature can copy the BizContent add- in files.
Performance	Query Timeout	NOTE This setting only applies to the Analysis Set objects. Function data retrieval timeouts need to be set in the Caching Service configuration.
		If your organization has a large chart of accounts and many transactions each month, it may be advisable to adjust this setting to a higher value. The default is 3 1/2 minutes but customers with significant data volumes may benefit from a larger timeout setting when drilling down to transaction detail.
Security	SQL Authentication Prompt	NOTEThis setting only applies to theAnalysis Set objects. The authenticationmethod used to retrieve Function data is setin the Caching Service configuration.If BizInsight users will be using SQLauthentication to retrieve data from theaccounting system database, change thisoption to the Ask only once radio button toensure that users only have to provide theircredentials once for a given Excel session.

Regardless of whether changes were made, click **Configure now** to produce an app.config file that will be saved to the Configuration Path.



Click **Exit** to close the tool. For more information about this tool, see "Config Tool" on page 153.

18. After automatic install is complete, relevant information about the installation is displayed. Click **Close**.



If you chose to use separate folders for the Admin and Config files, the dialog will look similar to the following:

🖉 Automatic Install Completed			
The installaton has completed successfully. Please record the information below to be used during the installation of BizInsight.			
Copy and Paste the following into Applic	ation Settings of BizInsight.		
Config Path:	\\SERVER2008R2\ConfigurationPath		
	C:\BizInsightShare\Config		
Admin Path:	\\SERVER2008R2\AdministrationPath		
	C:\BizInsightShare\Admin		
Report Server Url:	http://SERVER2008R2/ReportServer		
Report Folder:	<u>BizNetERP</u>		
Click the Configure SQL Button Select the Use SQL Server for MetaData checkbox Copy and paste the following into Database server and instance field			
Sql Server MetaData Database and Instance Name:	SERVER2008R2		
Close	Copy to Clipboar	d	

19. The content installer will indicate that all elements have been successfully installed. Click **Exit**.

BizInsight BizInsightSunGardE	AS 3.0.0.0 Content Installer
	Relevant Information
Automatic Install Manual Install Stages Install Report Server Create Report Server User Install Caching Service Deploy DataSet Content Deploy MataData Content Deploy Function Content Admin Tool	 Reporting Server Found Reporting Server User Found Caching Service Found BizInsightSunGardEAS DataSet Content Found BizInsightSunGardEAS MetaData Content Found BizInsightSunGardEAS Function Content Found Users Have Been Added by Admin Tool Settings Have Been Configured by Config Tool
Config Tool	
Exit	(5

Step 4: Assign rights in SQL Server Security

BizInsight users will need permissions to retrieve data from the accounting system database.

NOTE If you are managing SQL Server security with an Active Directory group, just add the new BizInsight user to that Active Directory group and go to the next step.

1. Click on Start > Programs > Microsoft SQL Server Version > SQL Server Management Studio.

Administrator	
😏 My Computer	r de la companya de l
Microsoft Update Windows Catalog Windows Update Accessories Microsoft SQL Server 2008	s b
 Microsoft SQL Server 2008 R2 Startup Internet Explorer Outlook Express 	 Analysis Services Configuration Tools Integration Services Performance Tools
All Programs Adobe Reader X	Import and Export Data (32-bit) SQL Server Business Intelligence Development Studio SQL Server Management Studio
🖉 Log Off 【	SQL Server Management Studio

2. The **Connect to Server** dialog will open. Connect to the SQL Server instance that hosts your accounting system database.

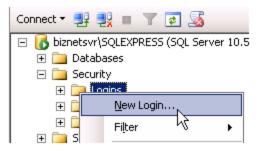
Connect to Server	×
Microsoft*	Sorvor 2000 D2
Q JQL.	Server 2008 R2
Server type:	Database Engine
Server name:	server2008r2\BizNet
Authentication:	Windows Authentication
User name:	SERVER2008R2\inda
Password:	
	Remember password
Connec	t Cancel Help Options >>

3. In the left pane, expand **Security.** Look for your existing users to determine whether they have been setup to use their Windows domain account or a SQL Server account. You can tell one from the other by the presence of the domain in front of the user name.



NOTE If the user's login already exists in SQL Server, right-click their login id and choose Properties. Then click <u>here</u> to jump to the User Mapping step.

4. Right-click on Logins and click New Login.



5. In the Login - New dialog box, enter the user's name in the Login name field. If your existing users were setup with their Windows logins, click on Search to browse for an existing Windows login id. If your existing users were setup with a SQL account, type the new user's login id and change the radio button to SQL Server authentication.

🚪 Login - New			<u> </u>
Select a page	🔄 Script 👻 🛐 Help		
General Server Roles Suser Mapping	Login <u>n</u> ame:	YourDomain\Idavis	S <u>e</u> arch
Securables	Windows authentication		
🚰 Status	O SQL Server authentication		
	<u>P</u> assword:		
	Confirm password:		
	🗖 Specify old password		
	<u>O</u> ld password:		
	Enforce password polic	y.	
	Enforce password expir	ation	
	🗹 🛛 🖉 User must change pass	word at next login	
	O Mapped to certificate	_	
	C Mapped <u>t</u> o asymmetric key		
	Map to Credential		<u>A</u> dd
Connection	Mapped Credentials	Credential Provider	
Server: Server2003			
Connection: SERVER2003\Administrator			
View connection properties			
Progress			Remo <u>v</u> e
Ready	Default <u>d</u> atabase:	master	
"Quart"	Default language:	<default></default>	
		OK	Cancel

6. Click on **User Mapping** in the left pane. Check the **Map** checkbox next to the accounting system database.

elect a page General	Script	🕶 [Help			
Server Roles User Mapping	Users m	appe <u>d</u> to this login:			
Securables	Мар	Database	User	Default Schema	▲
Status		001			
		AccPac			
		amwsys			
		BizInsight			
		BizInsightDB			
		BizNetERP			
		ССН			
		Company01			
		Company11			
		CPU			-
	1				

7. Once the database is checked in the upper pane, check the **db_datareade**r role membership in the bottom pane. Click **OK**.

	Database <u>r</u> ole membership for: master
Connection Server: Server2003 Connection: SERVER2003\Administrator Wiew connection properties	 db_accessadmin db_backupoperator idb_datareader db_ddatareader db_denydatareader db_denydatareader db_denydatareader db_owner
Progress Ready	db_securityadmin ✓ public RSExecRole
	OK Cancel

8. If the accounting system stores company data in separate databases, repeat the steps of checking the database and the db_datareader role for each company database.

Step 5: CheckTCP/IP, SQL Browser and Firewall Exceptions

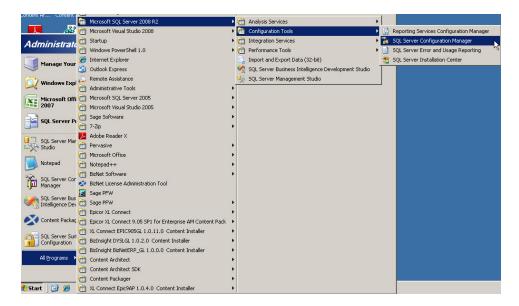
The XMLFast feature added in an earlier BizInsight build requires the following server configuration changes:

- The TCP/IP protocol must be enabled for SQL Server and the SQL Browser Service must be running. see "Enable TCP/IP" below.
- Server firewall exceptions must be added for TCP Port 1433, UDP Port 1434 and a program exception for sqlservr.exe. see "Add Windows Firewall Exceptions" on page 44

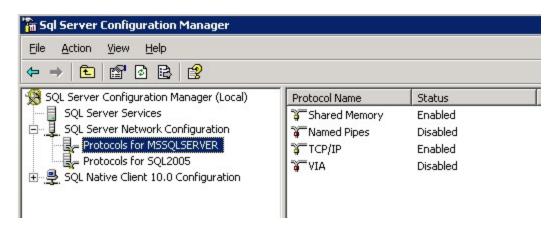
Customers are strongly encouraged to make these changes in order for the XMLFast feature to work. While the XMLFast feature can be turned off on the client work-station in Application Settings, doing so will result in significantly slower data retrieval times.

Enable TCP/IP

1. Click on Start > All Programs > Microsoft SQL Server 2008 (2008 R2) > Configuration Tools > SQL Server Configuration Manager.



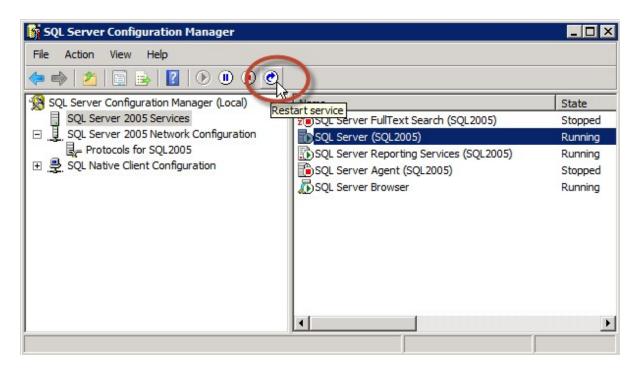
2. Expand SQL Server Network Configuration and select the Protocols for *InstanceName* that corresponds to the SQL Server instance that hosts the accounting system database.



3. Verify that the **TCP/IP** Protocol is "Enabled". If it is not enabled, double-click on the protocol and change its properties to enabled. You will receive a warning that the service will need to be stopped and restarted:

Warning		in altern	×
1	Any changes made will be save effect until the service is stopp	ed; however, they will not take bed and restarted.	6
		ОК	

4. Go to the **SQL Server Services** section. Select the SQL Server service and click on the restart the service button.



5. In the SQL Server Services section, verify that the SQL Server Browser service is started. If it is not, double-click on the service to open the service properties.

SQL Server Browser Properties	? ×
Log On Service Advanced	
Log on as: Built-in account: Local Service This account: Account Name: Password: Eonfirm password:	
Service status: Running <u>Start Stop P</u> ause <u>R</u> estart	
OK Cancel Apply He	lp

6. Click on the Service tab and make sure the Start Mode is set to "Automatic".

E (General	
E	Binary Path	"C:\Program Files\Microsoft SQL Se
	Error Control	1
E	Exit Code	0
ŀ	Host Name	SERVER2003
P	Vame	SQL Server Browser
F	Process ID	2096
_	5QL Service Type	SQL Browser
1	5tart Mode	Automatic
-	State	Automatic Disabled Manual

7. On the Log On tab, click on the Start button to start the service

SQL Server Browser Properties	? ×
Log On Service Advanced	
Log on as:	
Built-in account:	
Local Service	
C This account:	
Account <u>N</u> ame:	Br <u>o</u> wse
Password:	
Confirm password:	
Service status: Stopped	
Stop Pause	<u>R</u> estart
OK Cancel Apply	Help

Add Windows Firewall Exceptions

This step may not need to be performed if the Windows Firewall is turned off on the server.

Server 2003 (click here to go to the Server 2008 instructions)

1. Click on Start > Control Panel > Windows Firewall



2. On the **Exceptions** tab, click the **Add Port** button.

😻 Windows Firewall	×
General Exceptions Advanced	
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.	
Programs and Services:	
Name	
✓ File and Printer Sharing	
Remote Desktop UPnP Framework	
Add Program Add Port	
Display a notification when Windows Firewall blocks a program	
OK Cancel	
	-

3. In the Add a Port dialog, enter a name for the exception entry and type "1433" for the port number. Click OK.

	to open a port through Windows Firewall. To find the port ol, consult the documentation for the program or service you	-
<u>N</u> ame: Port number:	TCP 1433	
	© ICP ○ UDP	
Change scope	OK Cancel]

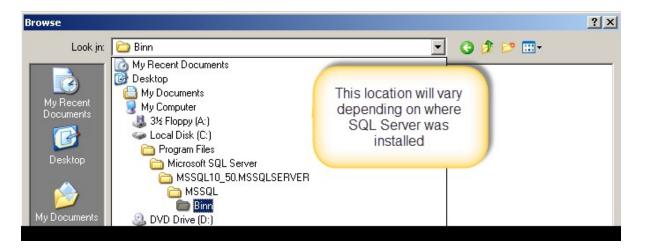
4. Add a second port exception for UDP 1434.

Add a Port		×
	to open a port through Windows Firewall. To find the port ol, consult the documentation for the program or service yo	u
<u>N</u> ame:	UDP 1434	
Port number:	1434	
	C <u>I</u> CP	
Change scope	OK Cancel	

5. Click the Add Program button then click the Browse button

Add a Program	×
To allow communications with a program by adding it to the Ex select the program, or click Browse to search for one that is no	
Programs:	
72 7-Zip File Manager	
🛍 Data Profile Viewer	
Implementation and the second	
Patabase Engine Tuning Advisor	
🖉 Database Update Wizard	
🔹 🔥 Deployment Wizard	
🔹 🔥 Deployment Wizard	
🔄 🖾 Execute Package Utility	
🔄 🖾 Import and Export Data (32-bit)	
Conternet Explorer	
MagicDisc	-
Dut ON Deservery Eller V 7 Zie V 7-EM even	
Path: C:\Program Files\7-Zip\7zFM.exe	Browse
	1
Change scope OK	Cancel

6. Browse to the SQL Server installation's Binn directory and select sqlservr.exe.



Browse				? ×
Look jn:	🗀 Binn	•	G 🗊 📂 🖽	
My Recent Documents Desktop My Documents My Computer	 DIITmp32 Resources Templates DatabaseMail.exe DCEXEC.EXE fdhost.exe fdlauncher.exe SQLAGENT.EXE SQLIOSIM.COM SQLIOSIM.EXE sqlmaint.exe sqlservr.exe sqlstubss.exe xpadsi.exe 			
My Network Places	File name: sqlservr.exe Files of type: Applications (*.exe;*.com;*.ico)	d)	•	<u>O</u> pen Cancel

7. Close the Firewall dialog after making these additions.

Server 2008

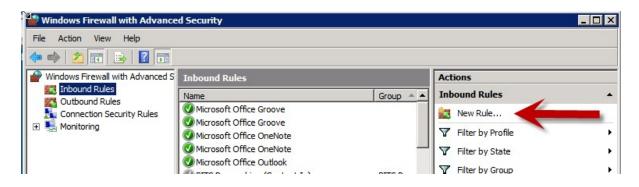
1. Click on Start > Administrative Tools > Windows Firewall with Advanced Security

Microsoft Office Excel 2007	Control Panel	System Configuration Task Scheduler
Ease of Access Center	Administrative Tools 🔹 🕨	Windows Firewall with Advanced Security Windows Server Backup Cor
SQL Server Configuration Manager	Help and Support	Win
	Windows Security	
All Programs		
Start Search	0 • •	
🎝 Start 🛛 🚠 💻 🏉		

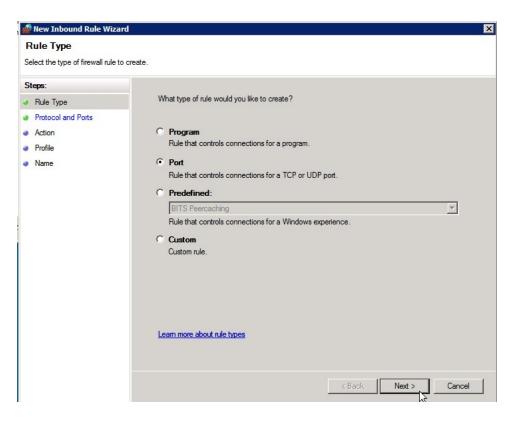
2. Click on Inbound Rules.



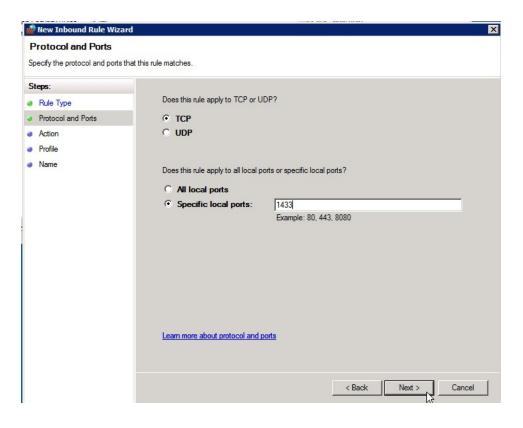
3. Click on New Rule.



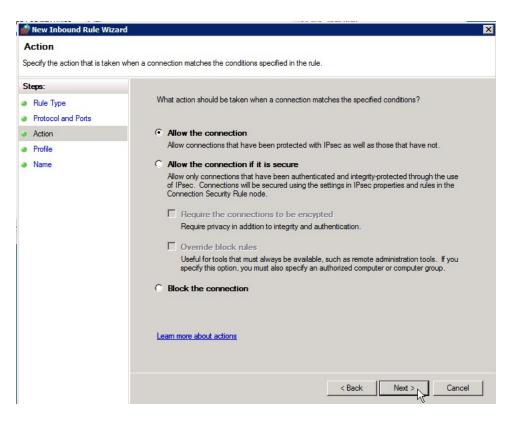
4. Choose the **Port** radio button and click **Next**.



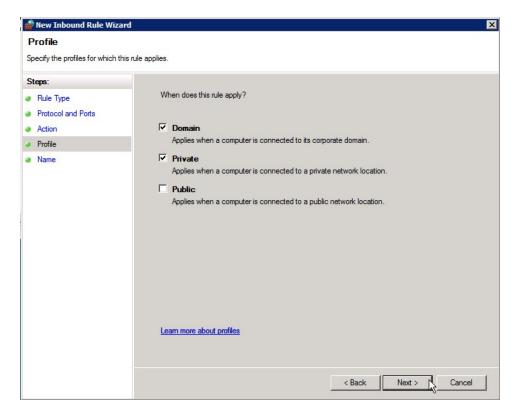
5. Leave the TCP option selected and type in port 1433. Click Next.



6. Leave the Allow the connection radio button selected and click Next.

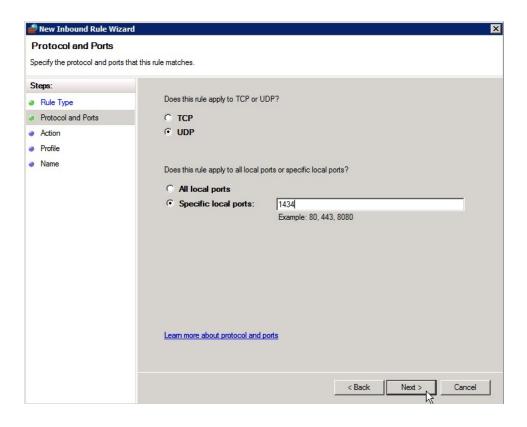


7. Uncheck the **Public** checkbox (unless users are connecting using a public network location) and click **Next**.

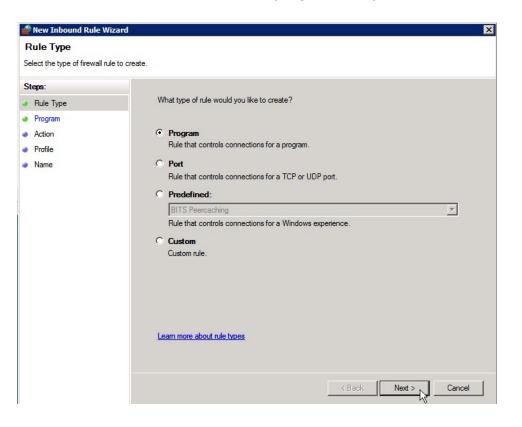


8. Type a name and description for the exception and click Finish.

9. Repeat these steps to add a UDP port exception for port 1434.

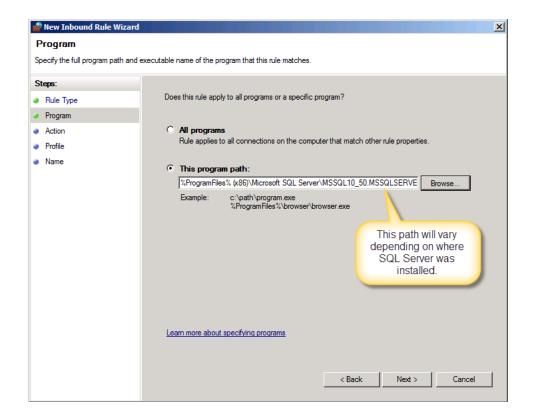


10. Add a third new inbound rule for a program exception.

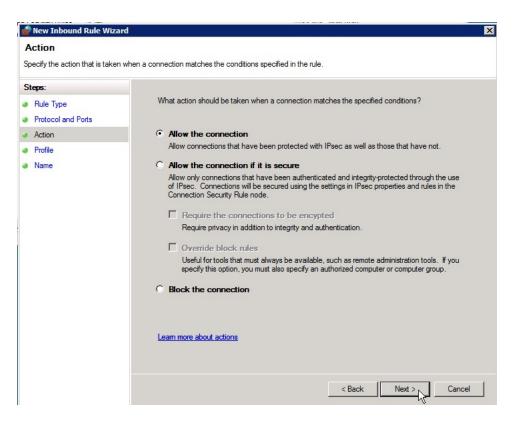


11. Click on the **Browse** button and browse to the SQL Server installation's Binn directory and select **sqlservr.exe**. Then click **Next**.

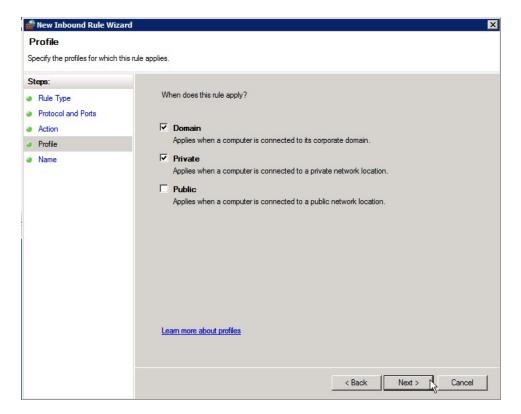
S Mssqi	1 - MSSQL - Binn -	👻 🚱 Search	<u></u>
🕘 Organize 👻 📗 Viev	vs 🔻 📑 New Folder		0
Favorite Links Favorite Links Concuments Recently Changed Desktop Computer Pictures Music Searches Public	Name A FTERef Resources DatabaseMail90 FTSStub msftefd SQLAGENT90 SQLAGENT90 sqlmaint sqlservr sqlstubss90 xpadsi90	Date modified Type 1/13/2012 4:05 PM File Folder 1/13/2012 4:05 PM File Folder 1/14/2005 4:31 Application 10/14/2005 4:31 Application 8/26/2005 5:00 PM Application 10/14/2005 4:51 Application 10/14/2005 4:53 Application	V Size V Ta 17 KB 15 KB 63 KB 91 KB 312 KB 312 KB 75 KB 28,095 KB 16 KB 48 KB
	me: sqlservr	Programs Oper	



12. Leave Allow the connection selected and click Next.



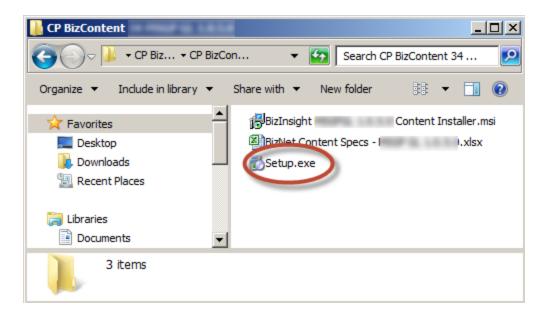
13. Uncheck the **Public** checkbox (unless users are connecting using a public network) and click **Next**.



14. Type a name and description for the exception and click Finish.

Step 6: Run Content Installer for Additional Content Pack(s)

- 1. If you have not done so already, download any additional content pack installer(s) from the customer portal, http://biznet.flexnetoperations.com
- 2. Extract the contents of the .zip to any location that is accessible from both the server and the client workstations.
- 3. Browse to the extract directory and double-click on the file named **setup.exe**.



4. The Welcome dialog will open. Click Next.

👹 BizInsight Content Installer	Content Pack Name	Setup	
	Welcome to the E Installer <i>Conter</i> , Wizard The Setup Wizard will insi BizInsightSunGardEAS or continue or Cancel to exi	nt Pack Name tall BizInsight Content n your computer. Click	Setup Installer
	<u>B</u> ack	Next	Cancel

5. Review the End User License Agreement and if you agree to the terms, check the I accept the terms in the License Agreement checkbox and click Next.

Please read the following licer	nse agreement carefully	WBizNet softw
		-
End Use	r License Agi	reement
	LICKING THE "I A THIS PAGE OR BY ARE, YOU AGREE " CONDITIONS OF EE THAT THIS	GREE" BUTTON AT INSTALLING AND IO ACCEPT ALL OF THIS AGREEMENT
I accept the terms in the Lid	conce Agreement	

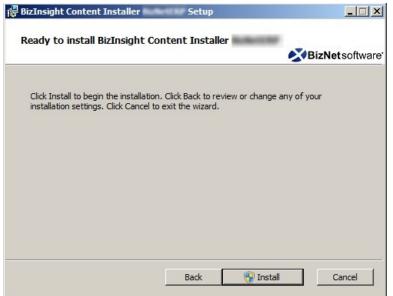
6. Click on the desired **Setup Type** button.

Choos	e the setup type	that best suits	your needs	~	BizNetsoftwa
	Typical	1			
	Installs the mo	ost common pro	ogram features. Reco	ommended for n	nost users.
	Custom				
			n program features w mended for advance		nd where
	Complete	1			
_	All program fe	atures will be in	nstalled. Requires th	e most disk spac	æ.

Custom setup type options that are available:

Select the way you	u want features to be insta	helled		
Select the way yo	a want reatures to be insta	ilieu.		BizNetsoft
Click the icons in t	ne tree below to change th	e way feat	hures will be insta	alled
	ie u ee below to change ut	e way reat	uies wii de insta	ancu.
	zInsight 1.0.0.0	Ca		
	esktop Shortcut			
Pr	ogram Menu Shortcut			
		-		00710
			is feature requin ur hard drive.	es 92/MB on
•		F		
<u></u>				
	C:\Program Files (x86)\Bizt	Vet Softwa	re\BizNetERP	Browse
	1.0.0.0\			-

7. Click Install.



8. Click Yes to any User Account Control messages.

🌍 User	r Account Contr	ol	x
		o allow the following program from an unknown ake changes to this computer?	
	Program name:	C. Carer T. D. Donitor, Davids Balant, D. Philosophi, Republic Context, London, etc.	
	Publisher:	Unknown	
	File origin:	Hard drive on this computer	
•	Show details	Yes No <u>Change when these notifications appresented</u>	ear

9. When the installer completes, an icon will exist on the desktop if you did not disable the creation of shortcuts.



10. Double-click the shortcut on the desktop to launch the content installer. If you chose a Custom installation and disabled the creation of shortcuts, you

must browse to the directory to which the content installer files were extracted and double-click the BizNet Content Installer.exe. If you installed to the default directory location, that directory can be found in C:\Program Files (x86)\.

11. The content installer will inspect the server and determine what elements already exist and indicate their presence with a green check mark.

BizInsight Cor	tent Installer Relevant Informat	tion
Automatic Install Manual Install Stages Install Report Server Create Report Server User Run Script Files	Reporting Server Found Reporting Server User Found Scripts Have Not Been Run DataSet Content Not Found MetaData Content Not Found	
Deploy DataSet Content Deploy MetaData Content Deploy Function Content	 Function Content Not Found Users Have Been Added by Admin Tool Settings Need To Be Configured by Config Tool 	
Admin Tool Config Tool		
Exit		2

12. Click on the **Relevant Information** link in the upper right corner and make a note of the **Report Folder** name:

🐝 BizInsight	Content Installer	×
		Relevant Information
Automatic Inst	Relevant Information	
Manual Install Stages	Config Path:	\\SERVER2008R2\ConfigurationPath
Install Report Se		C:\BizInsightShare\Config
Create Report Serv	Admin Path:	\\SERVER2008R2\AdministrationPath
Run Script Fil		C:\BizInsightShare\Admin
	Report Server Url:	http://SERVER2008R2/ReportServer
Deploy DataSet C	Report Folder	BizNetERP
Deploy MetaData	Sal Server MetaData	
Deploy Function C	Database and Instance Name:	SERVER2008R2
Admin Tool	Packaged with Content Package	r Version 1.4.0.0
Config Too	Close	Copy to Clipboard
Exit		(5

Note If the Relevant Information dialog does not contain any information and

BizInsight is already installed, go to a workstation where BizInsight is installed. Open Excel on the workstation, click on the **Application Settings** button on the BizInsight ribbon and copy the values provided for the **Configuration Path**, the **Administration Path**, the **Default Reporting Services Server** and the **Default Reporting Services Folder Name** fields.

13. Click Automatic Install.

BizInsight Con	tent Installer	x
	Relevant Inform	nation
Automatic Install Manual Install Stages Install Report Server Create Report Server User Run Script Files	 Reporting Server Found Reporting Server User Found Scripts Have Not Been Run DataSet Content Not Found MetaData Content Not Found 	
Deploy DataSet Content Deploy MetaData Content Deploy Function Content	 Function Content Not Found Users Have Been Added by Admin Tool Settings Need To Be Configured by Config Tool 	
Admin Tool Config Tool		
Exit		0

14. The content installer will deploy the MetaData and function content. The path will be automatically defaulted to the path last used. Click **OK**.

Deploy Local Content	Path: C:\BizInsightShare\Config	Browse
This directory will become a shared network directory after the installation process.		Override Configuration Pat
For Technical Use Only		
Currently installing to Sql Server instance:	Not Selected Yet	
Override Automatic Sql Server Detection		
Select A Sgl Server For MetaData:	Select Sal Server	

NOTE Do not check the Override Automatic SQL Server Detection checkbox to ensure the meta data is installed to the same meta data databases as your other content.

15. The content installer will open the content deployment dialog. Most paths will not need to be changed. But you must check the following to make sure

they are correct:

a. Make sure the folder name is the folder name currently being used. If the folder is not the same as shown in the Relevant Information dialog, change that field to match the folder that is currently being used.

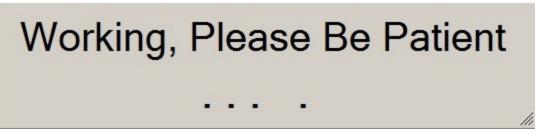
Content Deployme	nt		
Content Location	🔀 Relevant Information		
C:\Program Files (x86)\BizNet S	Config Path:	\\SERVER2008R2\ConfigurationPath	
Directory where you installed the cor	itent f	C:\BizInsightShare\Config	
	Change the folder name if	\\SERVER2008R2\AdministrationPath	
Reporting Services Settings -	it does not match the information from the	C:\BizInsightShare\Admin	
Default Reporting Services Se	Relevant Information dialog	http://SERVER2008R2/ReportServer	
http://SERVER2008R2/Rep Format: "http://server/reportserver	Порок голаст	BizNetERP	
Default Reporting Services Fold MSGP Full name of the folder on the reporting	Database and Instance Name:	SERVER2008R2	
	Close	Copy to Clipboar	Н
Deployment Options	Data Source Name:		

- b. Adjust the Server Name field if your accounting system database is on another server. NOTE The server name will default to the last server used. This may not be the right server for the content pack being deployed.
- c. Adjust the Database Name field to point to your accounting system database. If your accounting software uses a system or control database, provide the name of that database rather than a company database name. NOTE The database name will default to the last database used. This may not be the right database for the content pack being deployed.
- 16. Select the desired authentication method Windows authentication or Prompt for Credentials.

IMPORTANT You must use the same authentication method as selected for other content packs.

Deployment Options	Datasource Configuration Data Source Name:
Overwrite Datasources	MSGP
Overwrite Reports	Server Name: SERVER2003
Preserve Folder Structure	Database Name: Dynamics
Use Folders for Datasources	Use Windows Authentication
	C Prompt For Credentials
	Deploy Content Exit

- 17. Click **Deploy Content**.
- 18. The content installer will display a status message to indicate that it is working.



19. Once complete, the installer will display links to the Reporting Services sites. Click **OK** to continue with the installation. 20. The License Administration Tool will open. Unless you need to add new users, click Exit.

License Administration Tool - SERVER2008R2\linda		
Administration Path		
Network share where your license file is stored.		
Validate License		
Certain line		
Configure Users	6	
	9	Exit

21. The content installer window will display the results of the automatic install. Click **Close**.

22. Click Exit to close the content installer.

🖉 BizInsight Co	ntent Installer
	Relevant Information
Automatic Install Manual Install Stages Install Report Server Create Report Server User Run Script Files	 Reporting Server Found Reporting Server User Found Scripts Have Been Run DataSet Content Found MetaData Content Found Function Content Found
Deploy Data Set Content Deploy MetaData Content Deploy Function Content	 Users Have Been Added by Admin Tool Settings Have Been Configured by Config Tool
Admin Tool Config Tool	
Exit	<u>(</u> 5

23. Repeat the above steps for each content pack that needs to be installed.

Step 7: Configure Company Security (Optional feature)

BizInsight supports restricting user access by company code. Following are the steps to take to implement this level of security:

1. Create a database and table to store your security information. The following script can be used to create that database and table.

```
IF DB_ID('BIZNET') IS NULL
CREATE DATABASE BIZNET
Go
IF Object_ID('BIZNET..CRYSTAL_USER_COMPANY') IS NULL
CREATE TABLE BIZNET..CRYSTAL_USER_COMPANY
(USER_ID VARCHAR(50) NOT NULL,
COMPANY_CODE CHAR(50) NOT NULL,
PRIMARY KEY (USER_ID,COMPANY_CODE))
Go
```

2. Add a record in the CRYSTAL_USER_COMPANY table of the BIZNET database for each user's Windows login id and the company to which they **should** have access.

🔝 Results 🚺 Messages			
	USER_ID	COMPANY_CODE	Γ
1	Idavis	PC1	
2	Idavis	LIFE1	
3	linda	PC1	
4	linda	LIFE1	

The following script can be used to insert those records into the CRYSTAL_ USER_COMPANY table of the BIZNET database. Adjust the script to provide the user's Windows login id for the *userid* value and the *company code* to which they should have access.

```
INSERT INTO [BIZNET].[dbo].[CRYSTAL_USER_COMPANY]
([USER_ID], [COMPANY_CODE])
VALUES
('userid','companycode')
GO
```

- Go to the server where the caching service is installed and browse to its installation directory. If it was installed to the default path, that directory is C:\Program Files\BizNet Software\BizNet Service or C:\Program Files (x86) \BizNet Software\BizNet Service if the server is 32-bit.
- 4. Open the file named "BizNetWCFServiceHost.exe.config" with Notepad.
- 5. Locate the SecurityTableConnection entry in the <connectionStrings> section and configure the connection string to point to the BIZNET database that contains the CRYSTAL_USER_COMPANY table.

```
<connectionStrings>
<add name="DBDefaultConnectionString" connectionString="user i
<add name="INSIGHT" connectionString="user id=user_name;passwc
<add name="SecurityTableConnection" connectionString="user id"
<add name="BizNetMenuDatabase" connectionString="Integrated Se
<add name="BizNetPropertyDatabase" connectionString="Integrated
<add name="BizNetPropertyDatabase" connectionString="Integrated
<add name="DBDefaultConnectionString=Windows Auth Example"
```

```
<add name="SecurityTableConnection"
connectionString="user id=user_
name;password=password;Initial Catalog=BIZNET;Data
Source=server name;" />
```

6. Locate the SecureMode setting and change the value to True.

- 7. Save the change and close Notepad.
- 8. Restart the caching service.

9. If a user tries to retrieve data for a company to which they have not been given rights, the BizInsight functions will return #SECURITY.

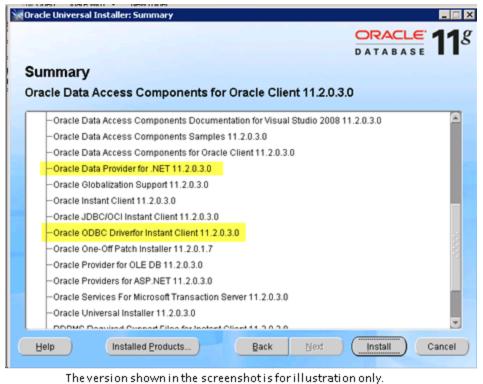
>>		А	В	С	D
	1				
	2		Company	HLTH1	
	3		Year	2003	
	4		Period	03	
	5		Account	1001-CASH1	
	6		Basis	CASH	
	7				
Ħ	8			#SECURITY	
ight	9				

Installation Activities for Client Workstation(s)

Step 1: Install Oracle Data Access Components (ODAC)	
Step 2: Install BizInsight	75
Installing BizInsight for the Non-Administrative User	
Step 3: Configure BizInsight	87
Step 4: Verify the BizInsight Installation	
Step 5: Install BizInsight Desktop Edition	

Step 1: Install Oracle Data Access Components (ODAC)

If your accounting system is using an Oracle database, you must install the Oracle ODBC driver and ODP.Net on each client workstation in order for BizInsight to be able to retrieve data from the Oracle database. If your accounting system does not use an Oracle database, this step can be skipped.



Install the ODAC version appropriate for your Oracle databse

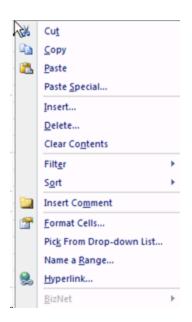
IMPORTANT

When installing the Oracle Client, it is insufficient to install the Runtime Engine as that does not install the Oracle ODBC driver.

Step 2: Install BizInsight

IMPORTANT If you are implementing BizInsight in a Terminal Services/Citrix environment, stop here and switch to the document titled "Citrix Terminal Services Installation Guide" for alternate setup steps for that type of implementation.

- If you are upgrading from the earlier, BizExcelerator version, uninstall the previous BizInsight installation from Control Panel > Programs and Features.
- The right-click menu for the old BizExcelerator version must be removed before installing the new product. If you are a new installation or upgrading from the BizInsight 5.5 version, go to the next step. Otherwise do the following:
 - a. Open Excel.
 - b. Right-click on a cell to verify that the BizExcelerator right-click menu is still present.



18			
19			Insert
20			Delete
21			Rename
22			Move or Copy
23		61	View Code
24		2	Protect Sheet
25		-20	-
26			Tab Color >
27			Hide
28			<u>U</u> nhide
29			Select All Sheets
14 4	► H Shee	6.8 A	uncere , uncere , Q

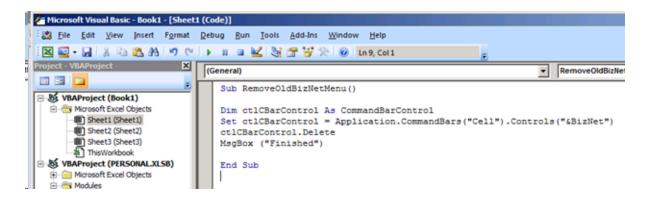
c. Right-click on the Sheet name and choose View Code.

d. Copy and paste the following text into the right pane.

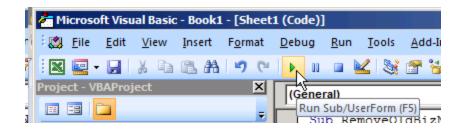
```
Sub RemoveOldBizNetMenu()
Dim ctlCBarControl As CommandBarControl
Set ctlCBarControl = Application.CommandBars("Cell").Controls
("&BizNet") ctlCBarControl.Delete
MsgBox ("Finished")
```

End Sub

Make sure the script looks as shown below and correct any extra line returns.



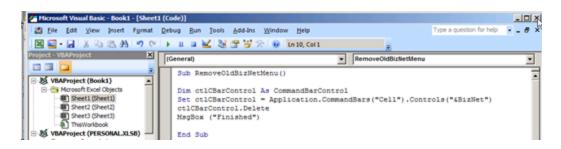
e. Click on the Run Sub button to run the macro.



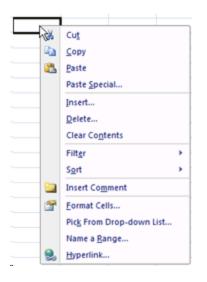
f. Click **OK** when the Finished message is displayed.



g. Close the Visual Basic Dialog.



h. Right-click on a cell again to confirm the BizNet menu is removed.



- 3. Locate the BizInsight product installation files that you downloaded from the portal site and extract the contents.
- 4. Extract the .zip contents to any directory that is accessible from the client workstation.
- 5. Double-click the **Setup.exe**.

NOTE As of the 5.0.35.2 release, there is a single Setup.exe for all supported Office versions.

6. The installation will check to see if Microsoft .Net Framework 4.0 is installed. If not installed, the following dialog will display. Click **Accept**.

👸 internet Setup 🔀
For the following components:
Microsoft .NET Framework 4 (x86 and x64)
I Please read the following license agreement. Press the page down key to see the rest of the agreement.
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS
MICROSOFT .NET FRAMEWORK 4 FOR MICROSOFT WINDOWS OPFRATING
View EULA for printing
Do you accept the terms of the pending License Agreement?
If you choose Don't Accept, install will close. To install you must accept this agreement.
Accept Don't Accept

7. The installation will then check to see if the Microsoft Office Primary Interop assemblies for the installed Excel version are installed as well as a specific Microsoft Update that is necessary for proper Excel add-in functionality. If not found, the following dialog will display. Click Install.



8. The splash dialog will open. Click Next to continue.



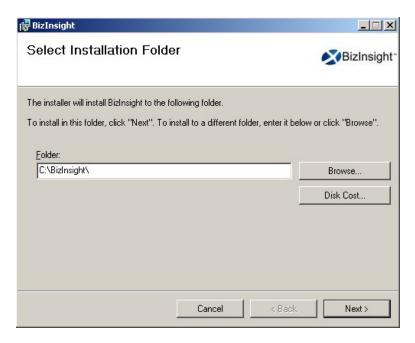
9. The Welcome dialog will open. Click Next to continue.



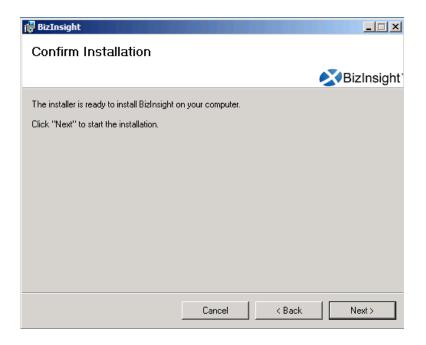
10. The License Agreement dialog will open. Read through the agreement and if you agree with the terms, click the I agree radio button and then click Next.

6	
I	End-User License Agreement
	Please read the following license agreement carefully
	End User License Agreement
	NOTICE TO ALL USERS: PLEASE READ THIS AGREEMENT
	CAREFULLY. BY CLICKING THE "I AGREE" BUTTON AT
	THE BOTTOM OF THIS PAGE OR BY INSTALLING AND
	USING THE SOFTWARE, YOU AGREE TO ACCEPT ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT
	AND YOU AGREE THAT THIS AGREEMENT IS
	I accept the terms in the License Agreement
-	
	Print Back Next Cancel

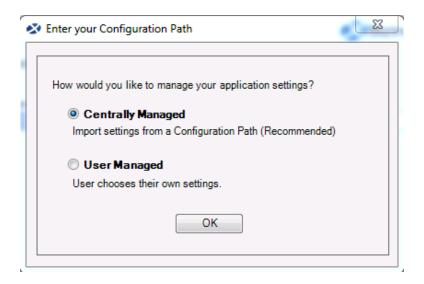
11. Accept the default installation directory or browse to a location of your choice. Click **Next**.



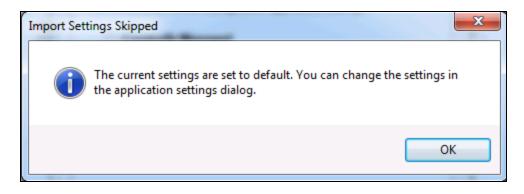
12. Click Next at the Confirm Installation dialog.



13. When installing BizInsight versions or higher, the **Enter your Configuration Path** dialog will open. If you have an app.config file produced by a Content Installer in your Configuration Path, leave the default option. Click **OK**.



If you do not have a Content Installer created app.config file, choose the **User Managed** radio button to proceed. You will need to supply the key paths when configuring BizInsight for the user. When you click OK, the Import Settings Skipped dialog will open. Click **OK**.

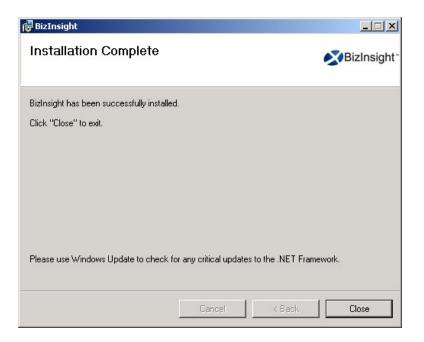


14. If the Centrally Managed option was selected, click the Browse button and browse to the Configuration Path shared directory.

0	Enter your Configuration Path
	Please provide the shared directory path to the configuration file.
	\\ servername \Configuration Path
	Check below if you would like to remove the existing settings and take the settings from the configuration path.
	☑ Take settings from the configuration path
	Import Settings Skip

Click Import Settings.

15. Once the installation completes, click Close.



Installing BizInsight for the Non-Administrative User

If you have installed BizInsight while logged in as a different login than the BizInsight end user, you will need to perform the following additional steps in order to get BizInsight functioning for this user.

- 1. After completing all of the preceding steps to install BizInsight, log out of the client workstation and log back in as the BizInsight user.
- 2. Open Windows Explorer and browse to the reg5 subdirectory of the BizInsight local directory.
- 3. Double-click the file named "**Register BizInsight for Excel** *xxxx* **OnDemand.bat**", where "xxxx" is the Excel version (2003, 2007, 2010 or 2013).
- 4. If the workstation is running Windows 7 with User Account Control ("UAC") enabled, click Yes to all UAC pop-ups. Click Yes or OK to all dialogs that open.

Registr	y Editor			
<u>^</u>	Adding information can unintentionally change or delete values a correctly. If you do not trust the source of this information in Ex not add it to the registry.			
	Are you sure you want to continue?			
		[Yes	No
RegSyr	32			
i	DllRegisterServer in\bin5\adxloader.dll succeeded.			

IMPORTANT If you get the following error when running the .bat file, you must edit the file named "Register BizInsight for Excel xxxx OnDemand.bat" to add the file directory path to each regedit.exe line.

OK



To edit the "Register BizInsight for Excel xxxx OnDemand.bat", open it with Notepad and add the file directory path to each regedit.exe entry in the file. For example:

Register BizInsight for Excel 2013 OnDemand.bat - Notepad	_ 🗆 ×
File Edit Format View Help	
regedit.exe C:\BizInsight\Excel2013_UNregister.reg del %userprofile%\AppData\Local\Microsoft\Office\Excel15.CUSTOMUI del %userprofile%\Local settings\Application Data\Microsoft\Office\Excel15.CL \bin5\adxregistrator.exe /uninstall="BizInsight×L.dll" /privileges=user \bin5\adxregistrator.exe /install="BizInsight×L.dll" /privileges=user regedit.exe C:\BizInsight\Excel2013_register_OnDemand.reg	JSTOMUI

5. When the .bat file completes, start Excel and continue with the next steps.

Step 3: Configure BizInsight

1. If you used the Content Installer to create an app.config file to use for Centrally Managed settings, you can skip this step.

You will need to know the paths for the BizInsight implementation. Go to the server and start the Content Installer. Click on the Relevant Information link and make a note of the values shown.

Relevant Information		
Selevant Information		_ _ _ ×
Config Path:	\\SERVER2008R2\ConfigurationPath	1
	C:\BizInsightShare\Config	
Admin Path:	\\SERVER2008R2\AdministrationPat	h
	C:\BizInsightShare\Admin	
Report Server Url:	http://SERVER2008R2/ReportServe	r i
Report Folder	<u>BizNetERP</u>	
Sql Server MetaData Database and Instance Name:	SERVER2008R2	
Packaged with Content Packager Ve	rsion 1.4.1.0	
Close		Copy to Clipboard

2. While logged in as the BizInsight end user, open Excel.

The next steps depend on whether you chose the Centrally Managed option at the end of the BizInsight installation or chose to manage your settings at the user level. Click <u>here</u> to jump to the Centrally Managed steps.

If you installed an older BizInsight version that prompted for these paths during installation, follow the User Managed Settings Steps.

User Managed Settings Steps (blue background)

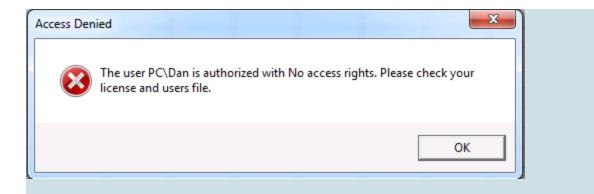
3. If you receive the following dialog, click **Skip**.

X	Enter your Configuration Path	
	Please provide the shared directory path to the configuration file.	
	Configuration Path	
	Check below if you would like to remove the existing settings and take the settings from the configuration path.	
	Take settings from the configuration path	
	Import Settings Skip	

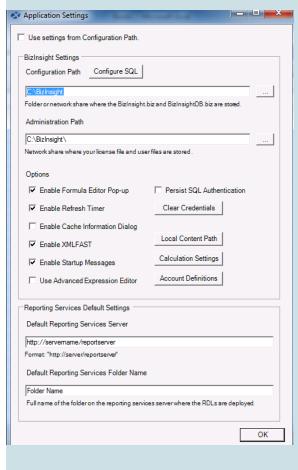
Click OK to the next message regarding the use of default settings.

Import Setti	ings Skipped
1	The current settings are set to default. You can change the settings in the application settings dialog.
	ОК

If you receive the following error, go back to the server and grant the user BizInsight security rights, see "Assign BizInsight Security to Users" on page 123.



4. The Application Settings dialog will open. If it does not open, click on the Application Settings button on the BizInsight ribbon.



Perform the following steps:

a. Provide Essential Paths

You must provide values for the **Configuration Path**, the **Administration Path**, the **Default Reporting Services Server** and the **Default Reporting Services Folder Name** fields.

Application Settings
Use settings from Configuration Path.
BizInsight Settings Configuration Path Configure SQL
C:\BizInsight
Administration Path
C:\BizInsight\
Options
Enable Formula Editor Pop-up Persist SQL Authentication (Session Only) Enable Startup Messages
Clear Credentials
Enable Cache Information Dialog Local Content Path
Calculation Settings
Use Advanced Expression Editor Account Definitions
Reporting Services Default Settings
Default Reporting Services Server
http://servemame/reportserver
Format: "http://server/reportserver"
Default Reporting Services Folder Name
Folder Name Full name of the folder on the reporting services server where the RDLs are deployed.
ОК

You should have looked up these values at the start of this section.

b. **SQL Credentials Steps** (skip if not using SQL credentials for data retrieval from the Accounting database)

If you configured the Reporting Services data source to use SQL credentials during content deployment, check the **Persist SQL Authentication** checkbox.

Note This step only applies to the Analysis Sets feature.

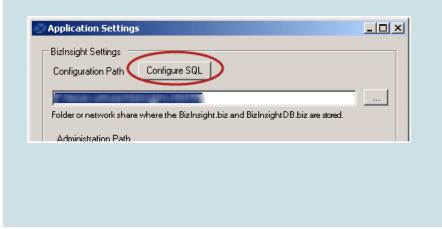
Application Settings						
BizInsight Settings Configuration Path Configure SQL						
\\servername\BizInsightShare\ConfigurationPath						
Folder or network share where the BizInsight.biz and BizInsightDB.biz are stored.						
Administration Path						
\\servername\BizInsightShare\AdministrationPath						
Network share where your license file and user files are stored.						
Options						
Configuration Path Configure SQL \\servername\BizInsightShare\ConfigurationPath Folder or network share where the BizInsight.biz and BizInsightDB.biz are stored. Administration Path \\servername\BizInsightShare\AdministrationPath Network share where your license file and user files are stored.						
Enable Refresh Timer Enable Startup Messages						
Enable Cache Information Dialog Clear Credentials						

c. Click on the Local Content button. If the default path displayed is not a local directory, click on the Override checkbox and change the path to a directory that resides on the local computer, C:\ is suggested.

Cverride	
Local Content Path	
\\dcserver\UserProfiles\linda	
Jser folder on this machine where content can be stored.	
	ОК
Re-directed profile directory	
stablish Local Content Path	×
	X
✓ Override	×
 Override Local Content Path 	X
Stablish Local Content Path Override Local Content Path c:\BizInsight Userfolder on this machine where content can be stored.	X
✓ Override Local Content Path c:\BizInsight	

d. SQL MetaData Databases

If the BizInsight SQL metadata databases (BizInsight and BizInsightDB) were implemented during the server setup, click on the **Configure SQL** button. If the **Application Settings** dialog does not have this button, BizInsight is not the right version. You need to uninstall and install the most current BizInsight version.



i. Check the Use SQL Server for MetaData checkbox and enter the SQL Server name, and instance name if applicable, where the BizInsight SQL databases (BizInsight and BizInsightDB) are located. The format should be *servername\instancename*.

3	SQL Server MetaData Connection							
Г								
	✓ Use SQL Server for MetaData							
	Use SQL Authentication							
	Username							
	Password							
	Database server and instance							
Database server and instance SERVER2003\BIZNET								
	SQL connection information for BizInsight databases Database instance name not required if using default							
	Use custom MetaData databases							
 ✓ Use SQL Server for MetaData ✓ Use SQL Authentication ✓ Username Password ✓ Database server and instance SERVER2003\BIZNET SQL connection information for BizInsight databases Database instance name not required if using default 								
	SQL Server MetaData Connection Use SQL Server for MetaData Use SQL Authentication Username Password Database server and instance SERVER2003\BIZNET SQL connection information for BizInsight databases Database instance name not required if using default Use custom MetaData databases BizInsight Databases BizInsight Menu DB BizInsight Data DB							
	BizInsight Data DB BizInsightDB							
Use SQL Authentication Username Password Database server and instance SERVER2003\BIZNET SQL connection information for BizInsight databases Database instance name not required if using default Use custom MetaData databases BizInsight Databases BizInsight Menu DB BizInsight DB								
	Test Connection OK							

NOTE The Use custom MetaData databases option will only be used in situations where BizInsight is installed in a hosted environment and is shared by multiple customers.

 ii. If users will be connecting to the SQL metadata databases using SQL authentication, check the Use SQL Authentication checkbox. You will get the following Warning message indicating that the credentials provided will be stored in clear text in a configuration file in the user's profile.



Click **OK** and enter a valid SQL login and password with appropriate rights to the SQL MetaData databases. Click **OK**.

SQL Server MetaData Connection	×I
✓ Use SQL Server for MetaData	
☑ Use SQL Authentication	
Username bizuser	
Password *****	
Database server and instance	
amtom/2003	
SQL connection information for BizInsight databases Database instance name not required if using default	
ОК	

IMPORTANT This dialog allows you to use a different method of connectivity to the BizInsight MetaData databases than for the accounting system database.

- e. Close the Application Settings dialog.
- 5. Re-start Excel.

6. Click on the BizInsight tab and then click on the Explorer button to load the Navigation Pane.

File	Home	Insert	Page La	yout	Formulas	Data	Revie	w v	View	BizInsight	
			Σ	$\boldsymbol{\times}$	000		ţî)	SQL	£ ?		
	Application Settings	Data Caches		Offline	Save Changes to BizInsight			Show SQL	BizNet Assistant	About	
	BizInsight Reporting and Analytics										

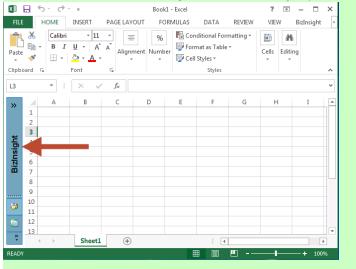
7. Skip to the next white background step.

Centrally Managed User Settings (green background)

8. If you are using Centrally Managed settings, you will see Scan for Content run when you first open Excel. Click **OK** and restart Excel.

🗖 C:\BizInsight\b	in5\ScanForContent.exe	
	ScanForContent Scan for Content has completed. Please restart Excel and continue your work.	×
	ОК	

9. You should see the Navigation Pane display on the left side in Excel.



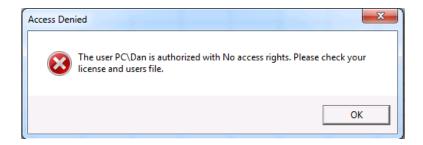
10. If you receive the following error, go back to your server and make sure all of the configuration changes have been made for XMLFast (see "CheckTCP/IP, SQL Browser and Firewall Exceptions" on page 38) and make sure the end user has the db_datareader and db_datawriter permissions to the SQL metadata databases (BizInsight and BizInsightDB).



Click **OK** to this message as well as the one that follows:



If you receive the following error, go back to the server and grant the user BizInsight security rights, see "Assign BizInsight Security to Users" on page 123.



You are now ready to test the installation. Proceed to "Verify the BizInsight Installation".

Step 4: Verify the BizInsight Installation

You must create or refresh an existing report to verify the BizInsight installation. If the user just installed is a Viewer or Drilldown user, you must verify the installation by refreshing a report that has already been created by a Designer user. Locate an existing report, open it in Excel and right-click on a cell and choose **BizNet Refresh**. If it refreshes without error, the installation is complete.

If an existing report does not exist, the following steps can be used to create a simple report with which to verify the installation.

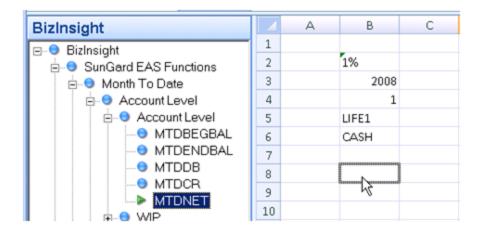
Note Your login id must be setup as a Designer user to be able to perform these steps; you may need to temporarily add your login as a Designer user using the Admin Tool to perform these steps. The Admin Tool can be accessed from the Content Installer interface on the server.

WARNING Do not add your own login using the Admin Tool unless you know for sure that you have another login available with sysadmin rights to the SQL Server instance. Early versions of the content installer (pre version 1.6) will remove existing permissions for users, including those with sysadmin rights. If uncertain, skip this step and confirm sysadmin access will not be lost then return to complete the Admin Tool step.

- 1. In separate cells in your Excel worksheet, type in a valid Company Code, Fiscal Year and Period. In cells B2, B3, B4, B5 and B6 enter values as follows:
 - a. '1% (be sure to include the leading single apostrophe)
 - b. A Fiscal Year for which data exists, ex. 2008
 - c. A Fiscal Period for which data will exist, ex. 1
 - d. A valid EAS company code, ex. PC1
 - e. A valid Basis code

BizInsight		А	В	С
	1			
SunGard EAS Functions	2		1%	
- Month To Date	3		2008	
Account Level			1	
			LIFE1	
			CASH	
- I MTDENDBAL	7			
- MTDDB	8			
- MTDCR	9		2	
	10			

2. In the Navigation Pane, expand *YourContentPackName* > Functions > Month to Date. Click on a Net function and drag it into a cell in the Excel worksheet.



If the Function Arguments dialog does not automatically open, click on the Excel Insert Function button (fx)

(J)=MTDNET()							
	A	В	С				

4	A	В	С	D	E	F	G	н		J	
1											
2	1	%									
3		2008									
4		1									
5	F	°C1	Function Arg	iments							?
6	0	ASH	MTDNET								
7			AccountR	ange B2			- 12	- "1%"			-
8		85,A9)	Fiscal	Year B3				2008			
9				eriod B4				- 1			
10				Code BS				"PC1"			
11				_				= 0			
12				Basis A9				- 0			-
13								- 0			
14			No help availat	xle.							
15					B	asis					
16											
17											
18			Formula result	= 0							
19			Male on this first	antine.					ОК	Can	ral
20			Help on this fu	00000					OK	Can	K.CI

3. Click on the cells containing your input parameters and then click **OK**

4. If the function returns data or a zero, your installation and configuration are correct.

B8 🔹 🗲 🧖 률 =MTDNET(B2,B3,B4,B5,B6)				
BizInsight		А	В	С
BizInsight SunGard EAS Functions Month To Date Account Level Account Level MTDBEGBAL MTDENDBAL MTDDB MTDCR MTDNET	1 2 3 4 5 6 7 8 9 10		1% 2008 1 PC1 CASH 11100	

If you receive an error, click on the BizNet Assistant button on the BizInsight ribbon, choose the **Resolve Issues automatically** option and click **Next**. Once that process finishes, refresh the report again to see if the issue is resolved.

If the issue is still not resolved, you can contact BizNet Software Support using the

BizNet Assistant's **Contact Support** option. If it is after hours or you want to continue to try to troubleshoot, you can get to the BizNet knowledge base by choosing the **Online documentation** option in BizNet Assistant. Once at the online documentation site, click on the link to the BizNet knowledge base.

BizNet softwa	are
Contents 🗐 Index	$\Theta \equiv A$
 Welcome User Guide User Guide - Bizinsight for Sungard 	Welcome to BizNet Software's Online Help This site provides the user guide for the BizInsight product. The User Guide is for all BizInsight BizInsight users using the Sungard EAS accounting system, use the User Guide - BizInsight f To troubleshoot an issue, please vise our Knowledge Base. If you need installation instructions, those can be downloaded from the customer portal site MOTE Due to browser caching, be sure to use the F5 key to refresh your browser's cache a

Once the installation is confirmed, save this report to a shared directory to use for verifying the installations of Viewer and Drilldown users. These users cannot add functions to reports so you will need an existing report that you can refresh to confirm there are no errors. To verify the installations for Viewer and Drilldown users, install and configure , open this report, right-click and choose Refresh.

Step 5: Install BizInsight Desktop Edition

If you are implementing a System Connector release, the BizInsight Desktop Edition product must also be downloaded and installed on the client workstation.

- 1. Download the BizInsight Desktop Edition product from the customer portal site, http://biznet.flexnetoperations.com.
- 2. Extract the contents and double-click the setup.exe
- 3. The installer will prompt to download the BizNet API. Click Install.

😸 BizInsight - Desktop Edition Setup	x
The following components will be installed on your machine:	
BizNet API 1.0.3	
Do you wish to install these components?	
If you choose Cancel, setup will exit.	
Install	

If the .msi is run before running the setup.exe occur:	e, the following error will
	×
The BizNetAPI is required for this program. Instal retry	II BizNetAPI and then
	ок

- 4. If a User Account Control dialog opens, click Yes.
- 5. The End User License Agreement dialog will open. Review the license terms and if you agree with the terms, select the I agree radio button and click Install.

📸 BizInsight - Desktop Edition	Setup	-		x
Please read the BizInsight - Desktop Edition License Agreement				
	☑ I accept the terms in the License A	greement		
Print	Back Install		Can	cel

6. Click **Finish** when the installation completes.

😸 BizInsight - Desktop Edition	Setup	-		x
	Completed the BizInsight - Desktop Edition Setup Wizard Click the Finish button to exit the Setup Wizard.			
	Back	sh	Can	cel

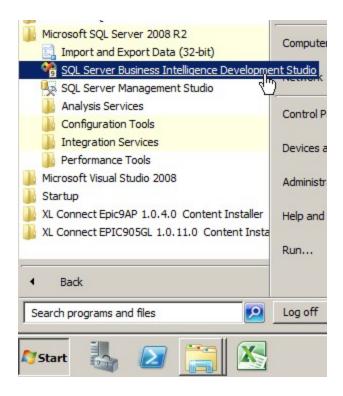
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Manually Deploying Content Reporting Services Reports

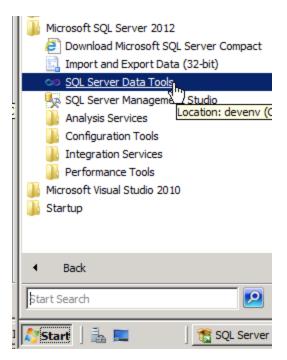
If the content installer does not detect your existing reporting services installation, it may be necessary to manually deploy the reporting services reports.

- 1. Run the content installer setup.exe to lay down the content files.
- 2. On the server where Reporting Services is installed (you'll have to make sure that it is installed and configured), open SQL Server Business Intelligence Development Studio.



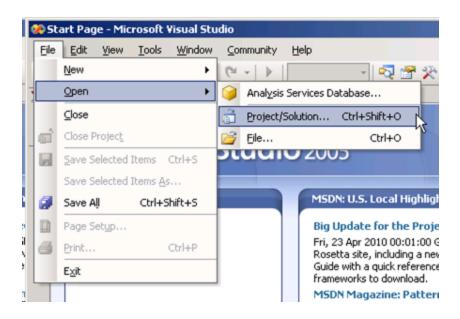
or Microsoft SQL Server 2012 > SQL Server Data Tools

Note The SQL Server Data Tools for BI ("SSDT BI") is a separate download for SQL Server 2014.

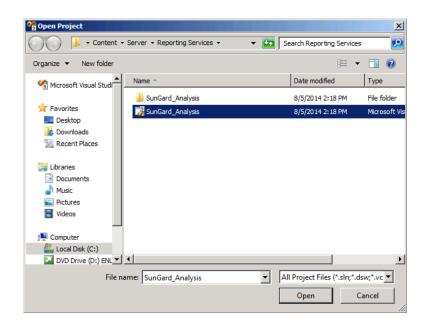


IMPORTANT If your server operating system is Windows Server 2008 or higher and User Account Control is enabled, Ctrl+Shift+Right-click on SQL Server Business Intelligence Development Studio (or SQL Server Data Tools) and choose "Run as administrator".

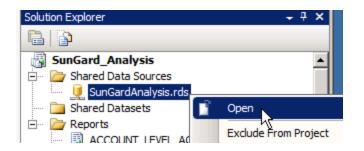
3. Click on File > Open > Project/Solution



4. Browse to the directory to which the content was installed, locate the Reporting Services folder and select the .sln file. If one does not exist, select the .rptproj file.



5. Right-click on the shared data source and choose **Open**.



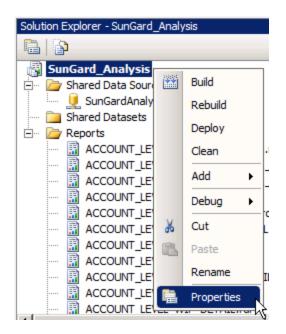
6. Click on Edit.

Shared Data Source Pro	operties	×
General Credentials	Change name, type, and connection options.	
	Name:	
	SunGardAnalysis	
	Туре:	
	Microsoft SQL Server	•
	Connection string:	\frown
	Initial Catalog=QAEASSales;Data Source=PC\BIZNET;Integrated Security=SSPI;Persist Security Info=False;	Edit
Help		OK Cancel

7. Enter the accounting system database server name (and instance name if applicable) in the **Server name** field. Select the accounting system database from the database drop down list. If your accounting system uses a system or control database, select that database instead of a specific company database. Once configured, click **OK**.

Connection Properties	? ×
Data source:	
Microsoft SQL Server (SqlClient)	Change
Server name:	
server2008r2	Refresh
Log on to the server	
 Use Windows Authentication 	
O Use SQL Server Authentication	
User name:	
Password:	
Save my password	
Connect to a database	
Select or enter a database name: eas	
Attach a database file:	
Attach a database file:	Browse
Logical name:	D10W90
,	
	Advanced
Test Connection OK	Cancel
Under Connection	

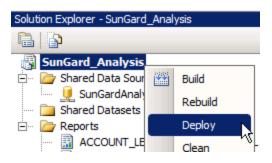
8. In the Solution Explorer, right-click on the top level and choose **Properties**.



9. Fill in the TargetReportFolder field with your preferred default folder name and complete the Target Server URL field with the reporting services *web service* url. Click OK.

s	unGard_Analysis Property Pages				? ×
	Configuration: Active(DebugLocal)		Platform: N/A	7	Configuration Manager
	Configuration Properties General	Ξ	Build Errorl evel	2	
	General		OutputPath	∠ bin\Debug	local
			Debug	Dirtocody	
			StartItem		
		Ξ	Deployment		
			OverwriteDatasets	False	
			OverwriteDataSources	False	
			TargetDatasetFolder		
			TargetDataSourceFolder	Data Source	
			TargetReportFolder	Sungard A	nalysis
			TargetReportPartFolder		
			TargetServerURL TargetServerVersion	SQL Server20	008r2/reportserver_biznet
1			Target Server version	DGL DEIVE	1 2000
		T	argetServerURL		
			or a report server running in native mo	de, enter the p	bath to the report server
ł			here the project is deployed, for example		
				ОК	Cancel Apply

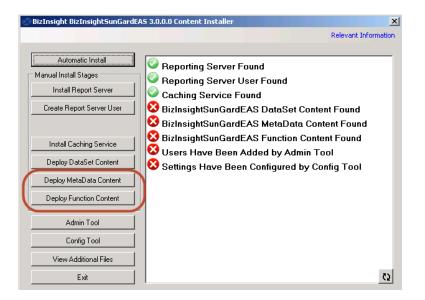
10. Right-click on the top level in the Solution Explorer and choose **Deploy**.



11. Once the RDLs are deployed, double-click on the content installer icon on the desktop.



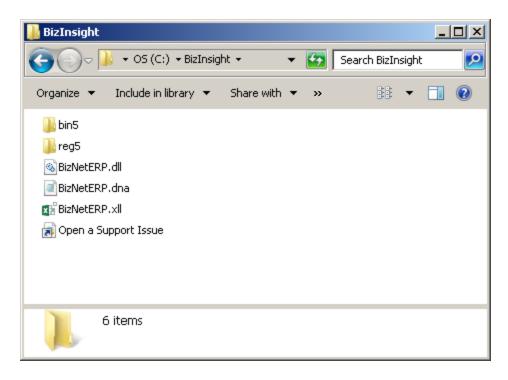
12. Run the **Deploy MetaDataContent** and **Deploy Function Content** options in the Manual Install Steps section to complete the content pack installation.



Manually Installing BizContent Add-ins

If you are using a BizInsight version that is older than 5.5 SP1, you will need to register the BizContent add-ins manually in Excel. BizNet Software recommends upgrading to the latest BizInsight version but if that is not possible, perform the following steps:

1. Browse to the BizInsight shared directory and copy the content add-in files (.dll, .xll and .dna) to the directory to which you installed the BizInsight client. If you are using separate config and admin folders, the client add-in files will be in the config folder.



The remaining steps vary based on the Office version installed:

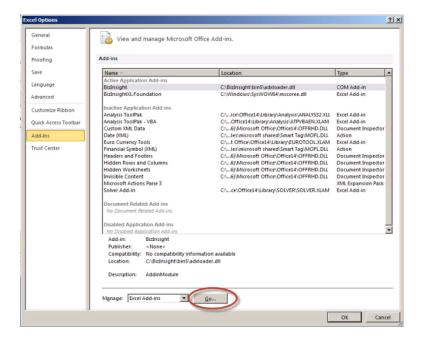
Office 2010/2013 steps Excel 2007 steps Excel 2003 steps

Excel 2010/2013

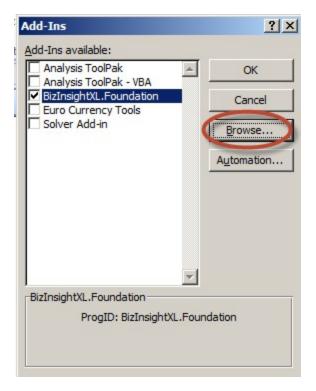
1. Click on File > Options.

🗶 🖉 🕫 - (° - =	
File Home	Insert
🛃 Save	
Save As	
🚰 Open	
Close	
Info	
Recent	
New	
Print	
Save & Send	
Help	
Doptions 🞝	
Exit	

7. Click on **Add-ins** in the left pane and then click on **Go** at the bottom on the right pane.



2. In the Add-ins dialog, click on the **Browse** button.



3. Browse to the directory to which you installed BizInsight and select the .xll file in that directory. Then click **OK**.

Browse				×
>	mputer 👻 Local Disk (C:) 👻 BizInsight 🕚	• • 🛃 🖸	Search BizInsight	2
Organize 🔻 New fo	older		:== -	
Microsoft Excel	Name *		Date modified	Туре
_	🍌 bin5		8/17/2013 11:50 AM	File folder
🔆 Favorites	📕 reg5		8/17/2013 11:50 AM	File folder
Desktop	BizNetERP		2/2/2012 11:19 AM	Microsoft E
Recent Places	👩 Open a Support Issue		5/9/2013 12:32 AM	Internet S
Documents Music Pictures Videos				
🕌 Local Disk (C:)				
	▼ <u> </u>			
	File name: BizNetERP	- A	dd-Ins	-
		Tools 👻	ОК С	ancel

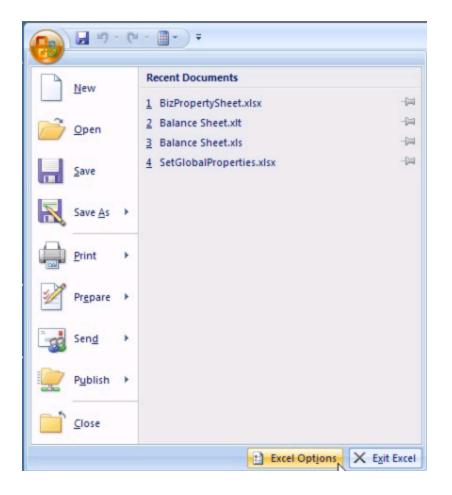
The Add-ins dialog should now look like the following:

Add-Ins	<u>? ×</u>
Add-Ins available:	
Analysis ToolPak Analysis ToolPak - VBA	OK
 BizInsightXL.Foundation BizNetERP 	Cancel
Euro Currency Tools	Browse
	Automation
BizInsightXL.Foundation ProgID: BizInsightXL	.Foundation

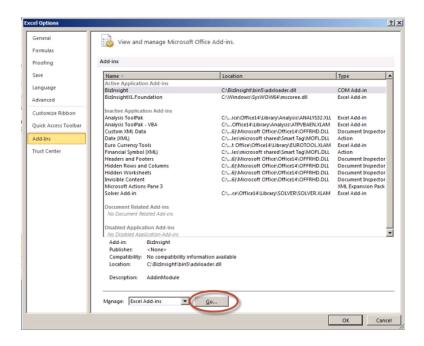
4. Click OK.

Excel 2007

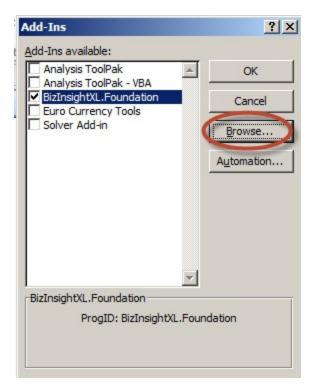
1. Click on the **Office** button and then click on the **Excel Options** button.



2. Click on **Add-ins** in the left pane and then click on **Go** at the bottom on the right pane.



3. In the Add-ins dialog, click on the **Browse** button.



4. Browse to the directory to which you installed BizInsight and select the .xll file in that directory. Then click **OK**.

Browse				×
)	mputer 🝷 Local Disk (C:) 🝷 BizInsight 🝷	- 🕶	Search BizInsight	2
Organize 🔻 New fo	older		:== -	
Microsoft Excel	Name ^		Date modified	Туре
_	🍌 bin5		8/17/2013 11:50 AM	File folder
Favorites	🔒 reg5		8/17/2013 11:50 AM	File folder
Desktop	BizNetERP		2/2/2012 11:19 AM	Microsoft E
Recent Places	🔊 Open a Support Issue		5/9/2013 12:32 AM	Internet S
Libraries Documents Music Pictures Videos				
🖳 Computer				
🚢 Local Disk (C:)				
	File name: BizNetERP	•	Add-Ins	
	1	Tools +		ancel

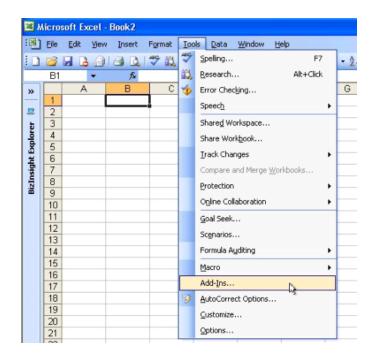
The Add-ins dialog should now look like the following:

Add-Ins	<u>? ×</u>
Add-Ins available:	
Analysis ToolPak Analysis ToolPak - VBA	OK
 BizInsightXL.Foundation BizNetERP 	Cancel
Euro Currency Tools	Browse
	Automation
BizInsightXL.Foundation ProgID: BizInsightXL	.Foundation

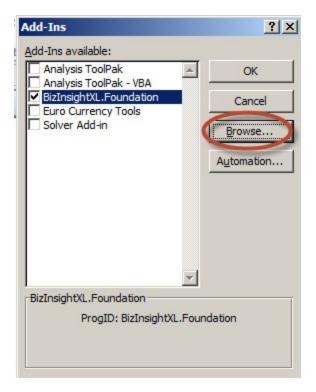
5. Click OK.

Excel 2003

1. Click on Tools > Add-Ins



2. In the Add-ins dialog, click on the **Browse** button.



3. Browse to the directory to which you installed BizInsight and select the .xll file in that directory. Then click **OK**.

Browse				×
>	mputer 👻 Local Disk (C:) 👻 BizInsight 🕚	• • 🛃 🖸	Search BizInsight	2
Organize 🔻 New fo	older		:== -	
Microsoft Excel	Name *		Date modified	Туре
_	🍌 bin5		8/17/2013 11:50 AM	File folder
🔆 Favorites	📕 reg5		8/17/2013 11:50 AM	File folder
Desktop	BizNetERP		2/2/2012 11:19 AM	Microsoft E
Recent Places	👩 Open a Support Issue		5/9/2013 12:32 AM	Internet S
Documents Music Pictures Videos				
🕌 Local Disk (C:)				
	▼ <u> </u>			
	File name: BizNetERP	- A	dd-Ins	-
		Tools 👻	ОК С	ancel

The Add-ins dialog should now look like the following:

Add-Ins	<u>? ×</u>
Add-Ins available:	
Analysis ToolPak Analysis ToolPak - VBA	OK
 BizInsightXL.Foundation BizNetERP 	Cancel
Euro Currency Tools	Browse
	Automation
BizInsightXL.Foundation ProgID: BizInsightXL	.Foundation

4. Click OK.

Assign BizInsight Security to Users

Each BizInsight user's Windows account name must be added to a .users file in the admin shared directory in order for that user to perform any BizInsight action. You will use the License Administration Tool to perform these steps.

To assign BizInsight security to your users, do the following:

1. On the server, double-click any content installer desktop icon. If the content installers were installed without desktop icons, browse to the installation directory and double-click the file named "BizNet Content Installer.exe". If the content installer was uninstalled, reinstall it.



If you do not want to reinstall the content installer, see "Manual Steps" on page 129.

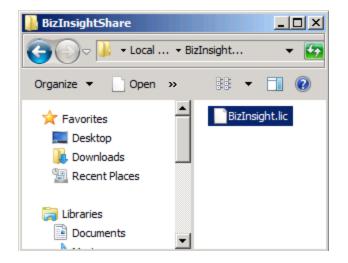
2. Click on the Admin Tool button.

🖉 BizInsight 🛛 🛛 🔾 C	ntent Installer	×
	Relevant Inform	ation
Automatic Install Manual Install Stages Install Report Server Create Report Server User Run Script Files	 Reporting Server Found Reporting Server User Found Scripts Have Been Run DataSet Content Found MetaData Content Found 	
Deploy Data Set Content Deploy Meta Data Content Deploy Function Content Admin Tool Config Tool Exit	 ✓ Energy Function Content Found ✓ Users Have Been Added by Admin Tool ✓ Settings Have Been Configured by Config Tool 	2

3. Click on the ellipses and browse to the admin share folder of your BizInsight shared directory.



4. Select your BizInsight license file and click Open.



5. Click on the **Validate License** button to check how many licenses you currently have. Your current license count will be displayed.

License Administration Tool - SERVER2003\Administrator	
Administration Path	
C:\BizInsightShare\AdminShare\BizInsight.lic	
Network share where your license file is stored.	
Validate License	
BizNet Software Test License Expiration 01/31/2029	
Developer 1 Designer 2	
Viewer 2 DrillDown 2	
Configure Users	
	Exit

6. Click on the **Configure Users** button. The **Current Users** dialog will open.

License Administration Tool	- SERVER2008R2	linda	
Administration Path	🖉 Current Users		
C:\BizInsightShare\Admin\BizInsi	User Type	Users	
Network share where your license	Designer 💌	domain\linda	
	Designer 💌	domain\albert	
Validate License	Viewer 💌	domain \marilyn	
BizNet Software Test License	Viewer 🗾	domain\frank	
Expiration 01/31/2029	•		
Developer 1 Designer 2 Viewer 2 DrillDown 2 Configure Users			
	Add Row	Delete Row	Commit Changes

7. You will now add your new BizInsight user and assign them a user type. Click on the **User Type** drop down and select the desired user type. If you want your user to be a Designer, choose Designer from the drop down list.

🖉 Current Users	;	<u>_ </u>
User Type	Users	
Designer 💌	domainNinda	
Designer 💌	domain\albert	
Viewer 💌	domain \marilyn	
Viewer 💌	domain\frank	
Designer Viewer DrillDown		

8. Type the user's name in the **Users** field in the format of domain\username.

WARNING Do not add your own login using the Admin Tool unless you know for sure that you have another login available with sysadmin rights to the SQL Server instance. Early versions of the content installer (pre version 1.6) will remove existing permissions for users, including those with sysadmin rights. If uncertain, skip this step and confirm sysadmin access will not be lost then return to complete the Admin Tool step.

🕙 Current Users		
User Type	Users	
Designer 💌	domain\linda	
Designer 💌	domain\albert	
Viewer	domain\marilyn	
Viewer	domain\frank	
Viewer 🗾	domain\winston	
•		

9. Click on the **Commit Changes** button when finished. You will be presented with a message asking if you want to grant the user additional security permissions. Click **Yes**.

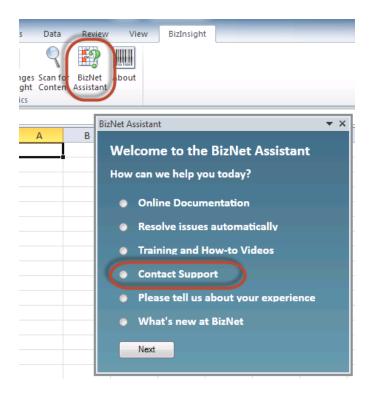


If you have entered more names for a particular user type than you have licenses, you will get an error similar to the following.



You will be returned to the **Current Users** dialog where you can remove a row so that you comply with the number of licenses your company purchased. Select the row to remove and click the **Delete Row** button.

To purchase additional licenses, use the BizNet Assistant button to open a support ticket indicating that you need to purchase additional licenses.



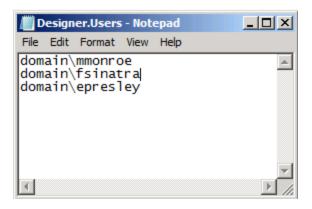
When you receive your new license, move your old license from the Administration Path shared directory and save the new license there. Do not rename the old license and leave it in the Administration Path; it must be removed from the directory in order for the new license count to take effect.

Manual Steps

1. In the Admin shared directory, open the .users file with Notepad that corresponds with the BizInsight permissions the user should have. For example, if the user should have Designer permissions, you would open the Designer.users file.

Tip If you are not sure where to find the Admin shared directory, go to an existing user's workstation, open Excel and click on the **Application Settings** button on the BizInsight ribbon and copy the path provided for the Administration Path.

2. In the .users file, add the Windows account name of the BizInsight user. For more information on the different user types, refer to the User Types section of the User Guide.



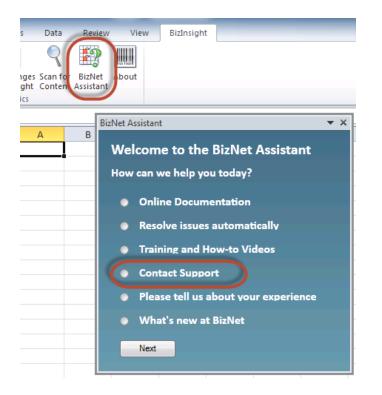
3. Save and close the file.

IMPORTANT As you add Windows account names to the .users files, add only as many as you have licenses. If you add more Windows account names than you have licenses or you have an extra line return in the file, users will get an error message similar to the following when they open Excel after BizInsight is installed.



If you are not sure how many licenses you have, open the .lic file that is in the Admin shared directory with Notepad and check how many licenses are shown for the user type you are adding.

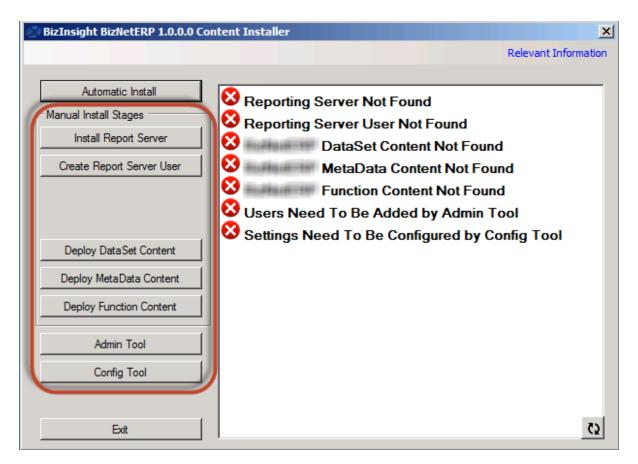
To purchase additional licenses, use the BizNet Assistant button to open a support ticket indicating that you need to purchase additional licenses.



When you receive your new license, move your old license from the Administration Path shared directory and save the new license there. Do not rename the old license and leave it in the Administration Path; it must be removed from the directory in order for the new license count to take effect.

Content Installer Manual Install Steps

Use the Manual Install Stages section to implement each element yourself. You may choose to use this approach when only certain elements need to be implemented or the automatic install is not detecting your existing Reporting Services installation.



Install Report Server	
Create Report Server User	
Deploy Data Set Content	
Deploy MetaData Content	141
Deploy Function Content	
Administration Tool	
Config Tool	
Relevant Information	

Install Report Server

Use the **Install Report Server** button to either install SQL Server and Reporting Services or point the content installer to an existing SQL Server instance. The Content Installer will detect previous installed instances of SQL Server 2008, 2008 R2, 2012, or 2014 on the local server machine.

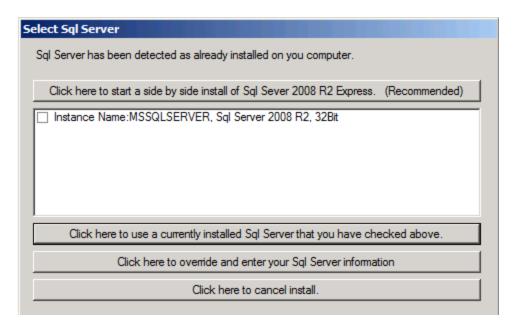
If no instances of SQL Server are detected, the Content Installer will install 32-bit Microsoft SQL Server 2008 R2 Express with Advanced Services. **IMPORTANT** If your existing SQL Server installation is not detected and you do not want to install SQL Server 2008 R2, cancel the installation, restart the Content Installer and see "Deploy Data Set Content" on page 138.

Find
¥
Cancel

- 1. Click on the Install Report Server button to start the process.
- 2. You may be asked to enable the local Administrator account. Click **OK**, **Thanks**, even if you know that the Administrator account is enabled.

Required Confirmation	
We recommend enabling the local Administrator a Your installation of SQL Server Reporting Service correctly. Do you want to continue?	
Ok, Thanks	No, Let me go back and fix this

3. If the Content Installer detects existing instances of SQL Server Reporting Services installed on the local server machine, the following dialog will display giving you the option to use the existing installation or to install a side by side installation.



Option	Description
Click here to start a side by side installation of SQL Server 2008 R2 Express	The side-by-side option is the recommended option to ensure that all configuration changes needed for BizInsight purposes do not interfere with other applications that may be using SQL or Reporting Services.
Click here to use a currently installed SQL Server that you have checked above	Use this button to specify that the installer use a detected existing instance. Be sure to check the checkbox next to any detected instance before using this button.

Option	Description
Click here to override and enter your Sql Server information	Use this button If you need to specify a different port or want to use HTTPS for secure communications or your existing installation is not detected.
	When this button is clicked, a warning will display to emphasize the requirement that the content installer must be run on a server with a SQL database engine installed. Click OK to clear the message.
	×
	The SQL Server override must connect to a SQL Server on machine SERVER2008R2
	ОК
	Report Server Override
	Connection Sting For SQL Server Server-SERVER/2008R2/instance_name.Trusted_Connection=True;
	Windows Authentication Example SQL Server Authentication Example Web URL For Report Server Text SQL Server Connection
	htp://[MACHINE-NAME]/ReportServer_[REPORT-SERVER-INSTANCE] Test Report Server Connection
	Overside Report Server Install Cancel
	In the Connection String for SQL Server field, enter a valid
	connection string for the SQL Server instance to which the
	Content Installer should install the SQL MetaData databases. Use the Windows Authentication Example or the SQL Server
	Authentication Example buttons to populate the connection
	string with sample syntax. Be sure to change the values to values valid for your environment.
	In the Web URL for Report Server field, enter the web service URL for the Reporting Services site to which Content Installer should deploy the content RDLs.

If no Reporting Services Server is detected, the process automatically installs SQL Server 2008 R2 Express with Advanced Services and uses "BIZNET" as the default Report Server instance name.

Content Installer	
Save to: C:\Users\inda\AppData\Local\Temp\Temp Working Area\SQLEXPRADV_x86_ENU.exe	
File size:	
	Cancel
Please wait while your download starts	

IMPORTANT IF an existing reporting services installation that you want to use is not detected by the installer or you are not able to use the Override option, contact BizNet Software Support for assistance.

If you get the following error after selecting the side by side installation, verify that you have internet access.

Error		×
	An error occurred while downloading file. Possibe causes: 1) File doesn't exist 2) Remote server error	
	OK	

If the side-by-side installation fails, contact BizNet Software Support for assistance.

Once installation is complete, the Content Installer dialog will update to reflect that a Report Server was found.

izInsight BizInsightSunGardEA	
	Relevant Inform
Automatic Install Manual Install Stages Install Report Server	 Reporting Server Found Reporting Server User Found Caching Service Found
Create Report Server User	BizInsightSunGardEAS DataSet Content Found BizInsightSunGardEAS MetaData Content Found
Install Caching Service	SilnsightSunGardEAS Function Content Found Users Have Been Added by Admin Tool
Deploy DataSet Content	Settings Have Been Configured by Config Tool
Deploy MetaData Content	
Deploy Function Content	
Admin Tool	
Config Tool	
View Additional Files	
Exit	

Create Report Server User

The **Create Report Server User** option creates the currently logged in user account as a new user in Reporting Services with the Content Manager role. This step is necessary to ensure that the currently logged in user account has sufficient rights to deploy datasets in the later stage of content installation.

SQL Serv Home		eporting Services	
	3	🗙 Delete 🕕 🎥 New Role Assignm	ent
Security		Group or User 🗸	Role(s)
		Edit BUILTIN\Administrators	Content Manager
		Edit SERVER2008R2\adminuser	Content Manager
	1		

NOTE BizInsight end users will be assigned Reporting Services security by the License Administration Tool.

Deploy Data Set Content

This button can be used to deploy the reporting services reports to the Report Server.

Most values will be automatically completed for you in this dialog but the following items should specifically be checked and confirmed to contain correct information:

a. **IMPORTANT** If you will be installing content packs for multiple back end systems (example, Dynamics GP and Sage 500 or Sage 100 and CCH, change the **Default Reporting Services Folder Path** to something generic like "BizInsight " to ensure the content is deployed to the same folder. Do this for each content pack being installed. This is important because BizInsight can be pointed to only one reporting services folder so all content must be deployed to the same folder.

Default Reporting Services Server	Change to a generic folder name	L
http://SERVER2008R2/ReportSe	2/ReportSel IF deploying content packs for	
Format: "http://server/reportserver	different back end systems (ex:	
Default Reporting Services	Dynamics GP and CCH)	
Sungard Analysis		J

b. Adjust the **Server Name** field if your accounting system database is on another server.

	Data Source Name:
Overwrite Datasources	BizNetERP
	Server Name:
Overwrite Reports	SERVER2008R2
Preserve Folder Structure	Database Name:
	master
Use Folders for Datasources	Use Windows Authentication
	O Prompt For Credentials

c. Adjust the **Database Name** field to point to your accounting system database. If your accounting software uses a system or control database, provide the name of that database rather than a company database name.

Overwrite Datasources	Data Source Name: BizNetERP
	Server Name:
 Overwrite Reports 	SERVER2008R2
Preserve Folder Structure	Database Name:
110001101010101000010	EAS
Use Folders for Datasources	Use Windows Authentication
	O Prompt For Credentials

d. Select the desired authentication method - Windows authentication or Prompt for Credentials.

Overwrite Datasources	BizNetERP
_	Server Name:
Overwrite Reports	SERVER2008R2
Preserve Folder Structure	Database Name:
	EAS
Use Folders for Datasources	Use Windows Authentication
	C Prompt For Credentials

e. Click Deploy Content to continue.



The Content Deployed Successfully dialog will open and display the Web

Service and the Report Manager URLs. Click Close.

Content Deployed Succes	sfully	
Your content has been depl You can view the content th	loyed successfully. hat has been deployed on your server at the following links:	
Reports Server:	http://server2008r2/reportserver/BizNetERP?%2fBizNetERPrs:Command=ListChildem	
Reports Manager:	http://server2008r2/reports/Pages/Folder.aspx?ltemPath=%2fBizNetERPViewMode=List	
	Close	li

If you encounter an error deploying the DataSet Content, contact BizNet Software Support for assistance.

Deploy MetaData Content

This step will deploy .biz files and templates to the shared directory. During this step, the designated folder is examined for other biz files and the installer will evaluate whether merging of biz files is necessary.

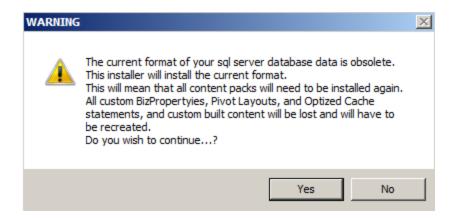
When prompted, browse to the shared directory and click **OK**.

Pr	e Installation Question			
	Deploy Local Content			
	Please choose a directory location for the Configuration Path:	C:\BizInsightShare		Browse
This directory will become a shared network directory after the installation process.		Override Configuration Path		
	For Technical Use Only			
	Currently installing to Sql Server instance:	Not Selected Yet		
Override Automatic Sql Server Detection				
	Select A Sql Server For MetaData:	Select Sql Server		
	Ok		Cancel]

If you chose to create separate folders for the admin files and config files, choose the config folder for the path.

Pre Installation Question		
Deploy Local Content		
Please choose a directory location for the Configuration Path:	C:\BizInsightShare\Config	Browse
This directory will become a shared network directory after the installation process.		Override Configuration Path
For Technical Use Only		
Currently installing to Sql Server instance: Not Selected Yet		
Override Automatic Sql Server Detection		
Select A Sql Server For MetaData:	Select Sql Server	
Ok		Cancel

If the SQL Server instance already has meta data databases (BizInsight and BizInsightDB databases), the Content Installer will merge the current content with the existing meta data databases. An error may occur during this step if the existing meta data databases were not created with a Content Installer.



If the above message occurs, you must recreate all Navigation Pane nodes and refresh any Optimize Cache and Account Definition workbooks. Subsequent installations should not require this step.

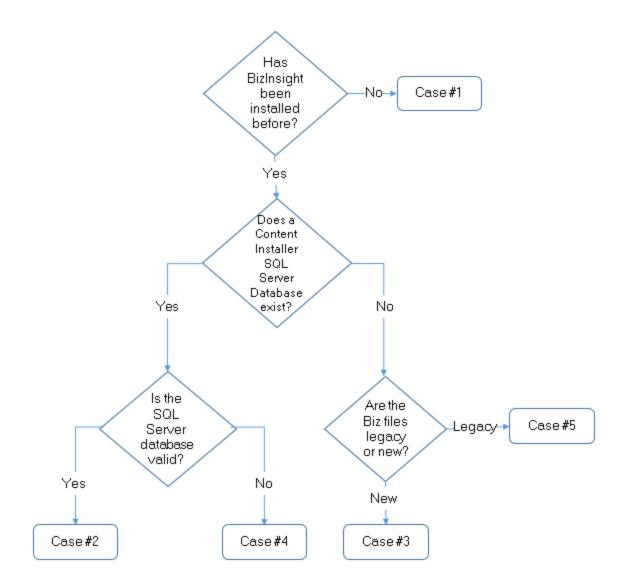
Merging MetaData Scenarios

BizInsight stores application metadata in files with a .biz extension in the shared directory (old design) or in SQL Server databases (new and recommended design). When installing updated content or additional content, it becomes necessary to merge this metadata. The the different scenarios requiring a merge of MetaData and how the merge is handled by the Content Installer are described below.

Before proceeding, it is important to establish two key definitions:

- Legacy MetaData is defined as .biz files or SQL MetaData databases that have not been processed or cleaned by the Content Packager (the tool used internally to create a Content Installer package).
- New MetaData is defined as .biz files or SQL MetaData databases processed or cleaned by the Content Packager. New .biz files contain three new columns.

When Content Installer merges MetaData, the below results will occur depending on the scenario.



- 1. Content Installer + New SQL Server Environment
 - User installs a GL content pack.
 - No .biz files are in the configuration path folder.
 - Content Installer installs GL MetaData.

Result: New SQL Server MetaData databases are created in SQL Server containing GL MetaData.

- 2. Content Installer + Existing SQL Server MetaData Databases
 - User installs an AP content pack.
 - No .biz files are in the configuration path folder.
 - SQL Server database already contains New MetaData from a previous GL content install.
 - Content Installer merges AP metadata into the GL metadata in SQL Server database.

Result: Existing SQL Server MetaData databases contain GL and AP metadata.

- 3. Content Installer + Biz files in Config Path Folder
 - User installs an AP content pack.
 - Configuration path contains New MetaData .biz files for GL content.
 - No SQL database exists for GL MetaData.
 - Content Installer merges GL and AP MetaData into the SQL Server database.

Result: New SQL Server MetaData databases are created containing GL and AP MetaData.

- 4. Content Installer + Previous install with AccessToSQL tool
 - User installs an AP content pack.
 - Configuration path folder may or may not contain .biz files.
 - SQL Server database exists and already contains GL Legacy MetaData from a previous AccessToSQL install.
 - Content Installer removes the GL metadata from the SQL Server database.

Result: New SQL Server MetaData databases are created that contain only AP MetaData. GL content must be reinstalled using a Content Installer.

IMPORTANT This merge scenario will result in the removal of all legacy custom content (templates, custom functions or analysis sets). These items will need to be re-added after conversion is complete. This process is a

necessary step to ensure future custom settings are preserved and should not be required again. See "Re-Create Custom Objects" on page 161 for instructions on recreating custom content.

- 5. Content Installer + Legacy .Biz Files
 - User installs an AP content pack.
 - Configuration path contains GL Legacy MetaData .biz files.
 - No SQL Server database exists for GL MetaData.
 - Content Installer does not merge metadata.

Result: New SQL Server MetaData databases are created containing only AP MetaData. GL content must be reinstalled using a Content Installer.

IMPORTANT This merge scenario will result in the removal of all legacy custom content (templates, custom functions or analysis sets). These items will need to be re-added after conversion is complete. This process is a necessary step to ensure future custom settings are preserved and should not be required again. See the section titled "Recreate Custom Objects" in the *Applying Updates* document for instructions on recreating custom content.

Deploy Function Content

During this step, the Content Installer deploys the .dll, .xll, and .dna files to the shared directory. The path will be automatically filled in with the path used to deploy the MetaData content. If previous files exist in the directory, the files are replaced with the new files.

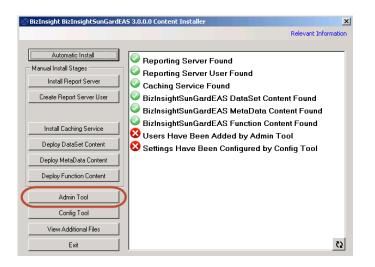
P	e Installation Question		
	Deploy Local Content		
	Please choose a directory location for the Configuration Path:	C:\BizInsightShare\Config	Browse
	This directory will become a shared network directory after the i	installation process.	Override Configuration Path
_	For Technical Use Only		
	Currently installing to Sql Server instance:	Instance Name:MSSQLSERVER, Sql Server 2008 R2, 32Bit	
	C Override Automatic Sql Server Detection		
	Select A Sql Server For MetaData:	Select Sgl Server	
	Ok	Cancel	

Click **OK** to install the function content.

Administration Tool

Use the Administration tool to add new BizInsight users or modify your existing BizInsight license assignments.

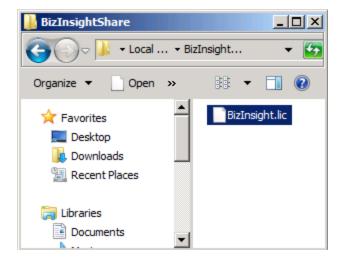
1. Click on the Admin Tool button.



2. The License Administration Tool will open. Click on the browse button.



Browse to the directory that contains the BizInsight license file.



3. Click the **Validate License** button to review the license information. The number of licenses purchased will be displayed.

License Administration Tool - SERVER2008R2\linda	>
Administration Path	
C:\BizInsightShare\Admin\BizInsight.lic	
Network share where your license file is stored.	
Validate License	
BizNet Software Test License Expiration 01/31/2029	
Developer 1	
Designer 2 Viewer 2	
DrillDown 2	
Configure Users	
	Exit

4. Click on the **Configure Users** button to add your BizInsight users and assign them to a BizInsight user type (Developer, Designer, Viewer or Drilldown). Click **Commit Changes** when finished.

WARNING Do not add your own login using the Admin Tool unless you know for sure that you have another login available with sysadmin rights to the SQL Server instance. Early versions of the content installer (pre version 1.6) will remove existing permissions for users, including those with sysadmin rights. If uncertain, skip this step and confirm sysadmin access will not be lost then return to complete the Admin Tool step.

License Administration Tool	- SERVER2008R2\	linda	
Administration Path	🖉 Current Users		
C:\BizInsightShare\Admin\BizInsi	User Type	Users	
, Network share where your license	Designer 💌	domain∖linda	
	Designer 🔹	domain\albert	
Validate License	Viewer 💌	domain\marilyn	
BizNet Software Test License	Viewer 📃	domain\frank	
Expiration 01/31/2029	•		
Developer 1 Designer 2 Viewer 2 DrillDown 2			J
Configure Users			
	Add Row	Delete Row	Commit Changes

MPORTANT

To avoid errors when the License Administration Tool sets up security, be sure to include the domain in front of the login ids. 5. You will be prompted to assign the necessary folder permissions and Reporting Services security to the users. Click **Yes**.



Permission Details

The user will be granted Content Manager permissions to the Reporting Services root level. In addition, the Admin tool will set the Share and Security permissions on the specified config and admin folder locations. The Share and Security permissions will look like the following:

Permissions for Configuratio	nPath	x
Share Permissions		
Group or user names:		
Iinda (SERVER2008R2Vinda Abert Einstein (SERVER200		
Marilyn Monroe (SERVER20	-	
Frank Sinatra (SERVER2008)	8R2\frank)	
	Add	Remove
Permissions for linda	Allow	Deny
Full Control		
Change Read	N N	
	_	
Learn about access control and p	emissions	
ОК	Cancel	Apply

Config Properties			×
General Sharing Security Previ	ous Versions C	ustomize	
Object name: C:\XLConnectSha	re∖Config		
Group or user names:			
linda (SERVER2008R2\linda)			1
Albert Einstein (SERVER2008			
🔏 Marilyn Monroe (SERVER200			
Frank Sinatra (SERVER2008	R2\frank1		
To change permissions, click Edit.		Edit	
	_		1
Permissions for Albert Einstein	Allow	Deny	,
Full control		<u> </u>	
Modify	\checkmark		
Read & execute	\checkmark		L
List folder contents	\checkmark		L
Read	~		1
Write	~	-	
For special permissions or advance click Advanced.	d settings,	Advanced	
Learn about access control and pe	missions		
ОК	Cancel	Apply	

When the admin files are in a separate folder, the security for that folder will be more restrictive.

🕌 Admin Properties	X
General Sharing Security Previous Versions	Customize
Object name: C:\XLConnectShare\Admin	·
Group or user names:	
👗 linda (SERVER2008R2Vinda)	▲
& Albert Einstein (SERVER2008R2\albert)	
Marilyn Monroe (SERVER2008R2\marilyn)	_
Frank Sinatra (SER\/ER2008R2\frank)	
To change permissions, click Edit.	
To change permissions, click Luit.	Edit
Permissions for Albert Einstein Allow	Deny
Full control	
Modify	
Read & execute	
List folder contents	
Read 🗸	
Write	<u> </u>
For special permissions or advanced settings, click Advanced.	Advanced
Learn about access control and permissions	
OK Cancel	Apply

Config Tool

Use this tool to configure default values for the BizInsight users. These settings will be stored in an app.config file that can be copied to each user's workstation after BizInsight is installed. Users will still be able to adjust these options to their own preferences. When users adjust these settings, their adjustments will be stored in a user-.config file in their profile and that file will be read first before the app.config file.

General Tab

The values shown in the General Tab should be automatically filled in by the Content Installer with the pertinent paths for the BizInsight implementation. If user profiles are remapped to network locations (instead of their local C:\ drive), use the **Content Path Override** section to specify an alternate default **local** folder to which BizInsight Scan for Content can copy the BizContent add-in files.

User Experience Tab

Use this tab to manage various user experience settings for all BizInsight users. The current settings are the recommended default values but can be adjusted as desired. A brief explanation of each option is provided below.

eneral User Experience Perfo	omance Security	
Show Large Filters		
Display expressions longer 25	55 characters in a cell above the Analysis Set List	
Don't display expressions long	ger 255 characters in a cell above the Analysis Set List	
Refresh Timer		
Tell me how long it took to re	fresh the report and how many times the engine was called.	
O Don't tell me how long it took	to refresh the report and how many times the engine was called	
Caching Window		
Show each data execution a	nd it's parameters in a pop-up window	
Don't show each data execution	tion and it's parameters in a pop-up window	
Formula Editor Popup		
	when dragging and dropping a formula	
 Don't display formula editor presidenti display formula edito	op-up when dragging and dropping a formula	
Expression Editor		
Render Mode		
Use software graphics rende	ering	
O Use hardware graphics rend	lering	
Start Up Page		
The Expression Editor will state	art in basic mode.	
C The Expression Editor will sta	at in advanced made	

Option	Description
Show Large Filters	When a user drills down on a function, the parameters used for the func- tion are stored in a property of the analysis set. The field in which those values are stored is limited to 255 characters. When the total length of the string representation of the parameters exceeds 255 characters, the string will be truncated to 255 characters. Use this option to store para- meters strings that exceed 255 characters in a cell above the analysis set. You will want to do this if you intend to keep the analysis set list in the workbook and have it refresh on subsequent workbook refreshes. The user would need to change the analysis set properties to point to the cell containing the parameters. See section 3.8.1 Passing Parameters to Ana- <i>lysis Set Lists</i> of the User Guide for instructions on how to point the ana- lysis set to that cell.
Refresh Timer	When the BizInsight right-click option to refresh a report is used, a dialog can display at the end of the refresh with information on how long the report took to refresh and how many functions were refreshed. Use this option to turn that dialog on or off. Refresh The report took 1.63 seconds to run. Number of BizData iterations: 87 OK

Option	Description
Caching Window	BizInsight can be configured to display a caching window for each data cache being built. This dialog will only display when using an Analysis Set object .This feature is turned off by default.
	Processing data, please wait Generating in-memory data cache from /SunGard Analysis/ACCOUNT_LEVEL_BALANCES FiscalYear:2014 FiscalPeriod:6 Company:PC1 Basis:STATC please wait 0 IMPORTANT For Excel 2013 users, this option cannot be enabled if the Formula Editor Pop-up option is enabled.
Formula Editor Popup	This option can be used to control whether the Function Arguments dialog automatically opens for a user when a function is dragged and dropped from the BizInsight Navigation Pane into a worksheet.
	Function Arguments MTDNET AccountRange FiscalYear FiscalPeriod CompanyCode Basis Image: CompanyCode Image: CompanyCode <t< td=""></t<>
	Formula result = Help on this function OK Cancel
	IMPORTANT For Excel 2013 users, this option cannot be enabled if the Caching Window option is enabled.

Option	Description
Expression Editor Render Mode	The Expression Editor is a BizInsight feature that helps users construct complex expressions for their functions parameters. This option exists to allow customers to switch to hardware graphics rendering to address usability issues with the Expression Editor dialog that may be caused by the client workstation's video drivers.
Expression Editor Start Up Page	Use this option to control whether the Expression Editor will start with the Basic dialog or the Advanced dialog. BizNet Software recommends that this setting be left at the default, Basic mode, for all users.

Performance Tab

Configuration Tool	
General User Experience Performance Security XML Fast	
Calculation Settings Calculates all worksheets in all open workbooks, regardless of volatility status Rechecks dependent formulas, then calculates all cells in all open workbooks, regardless of volatility Refresh Analysis Set Lists Refresh Pivot Layout	ility status
Configure now	Exit

Option	Description
XMLFast	XMLFast is a feature that was added to BizInsight to improve data retrieval performance. Data is retreived directly from the database server using TCP/IP when this option is enabled. When this option is turned off, the data retrieval is performed by Reporting Services and is generally much slower. BizNet Software recommends leaving XML Fast enabled.
Query Timeout	When large data volumes are being retrieved, use this option to increase the default timeout setting. The most common occurrence of a timeout is during a drill down to transaction detail. If your company has a large chart of accounts and significant transaction volume each month, it is advised to increase this timeout setting.
Calculation Settings	The Calculation Settings options allow you to control the scope of Excel's recalculation of a workbook. Changing these options may result in slower performance but may resolve situations when objects (functions or Excel pivot tables) are not refreshed when a BizNet Refresh is performed. BizNet Software recommends leaving this unchanged and adjusting on an individual basis when necessary.

Security Tab

Use this tab to specify what method of authentication will be used to for data retrieval and for connection to the BizInsight MetaData databases (BizInsight and BizInsightDB SQL databases).

Configuration Tool	
General User Experience Performance Security	
SQL Authentication Prompt	
C Ask only once for data server credentials until the Excel application is restarted.	
 Ask for your data server credentials every time. 	
Meta Database Type Authentication	
Windows	
C SQL	
Configure now	Exit

Option	Description
SQL Authentication Prompt	If the BizInsight users will be using SQL credentials to con- nect to the accounting system database, choose the top option. When BizInsight first attempts to retrieve data for an Excel session, the user will be prompted to provide their SQL credentials and those credentials will be used for all subsequent data retrieval calls as long as that Excel session stays open. The Ask for your data server credentials every time option should be used when Windows authentication will be used for all data retrieval calls made to the accounting system database.

Option	Description
Meta Database Type Authentic- ation	Use this section to specify whether Windows authen- tication or SQL credentials will be used to retrieve data from the BizInsight MetaData databases. This is a com- pletely different data connection than is used for retriev- ing data from the accounting system database. If the SQL option is selected, a SQL login id and password must be provided in the Application Settings dialog after BizInsight is installed on the client workstation. WARNING SQL credentials will be stored in clear text in the resulting configuration file.

Regardless of whether you made changes, click on the **Configure Now** button to create an app.config file that can be copied to each client workstation. Otherwise click on **Exit** to close the configuration tool without creating an app.config file.

Relevant Information

Click on the Relevant Information link in the upper right corner to view the important paths for your content implementation.

BizInsight BizInsightSunGardEAS 3	3.0.0.0 Content Installer
	Relevant Information
Automatic Install	Reporting Server Found
Manual Install Stages	Reporting Server User Found
Install Report Server	Caching Service Found
Create Report Server User	BizInsightSunGardEAS DataSet Content Found
	BizInsightSunGardEAS MetaData Content Found
	BizIncightSunGerdEAS Function Contant Found

Unless you used the Config Tool to create an app.config file, you will need to provide this information during the BizInsight installation on the client workstation (s).

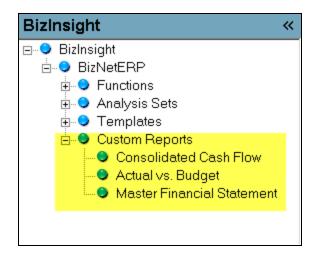
If you chose separate folders for the admin and config files, the Relevant Information dialog will look similar to the following:

Re-Create Custom Objects

BizNet Software has developed a new content pack installer to make implementing content packs easier. As content packs are converted to the new installation method, it will be necessary to re-add any custom elements you have added to BizInsight when you install an update that uses the new installation method. This step should only need to be done once and subsequent installations using a content installer will properly handle your custom elements.

Elements that you will need to re-add include:

• Custom Navigation Pane nodes. These items are most commonly templates. For steps on how to re-add these custom nodes, refer to the section titled "*Templates*" in the User Guide. Ex:

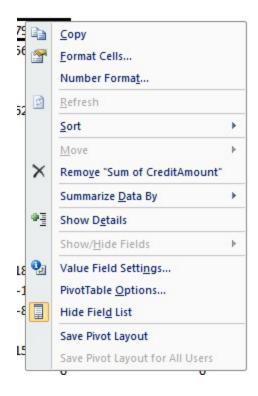


IMPORTANT If BizInsight 5.5 SP3 or higher is installed, the Properties menu can be used to assist in the retrieval of the following custom settings so they can be added back to the new SQL MetaData files. See "Retrieving Custom Properties" on the next page for instructions. **NOTE** Custom Navigation Pane nodes cannot be retrieved using the Properties menu.

• Any **Account Definitions**. You should have a central workbook that contains your account definitions. Just open that workbook and refresh it to recreate your account definitions.

[}	à,	Ŧ		SetAcctDef.xlsx - Excel						
	PAGE	LAYOU	T FORMULAS	DATA REVIEW VIEW BizBro	adcast BizInsight					
ori		*		= 🔤 🗞 - 📑 Wrap Text	General 🔹 📑					
I	<u>U</u> -		- <u>A</u> - A	🗉 🚍 🗧 🚝 🚝 🗒 Merge & Center 🦄	\$ ▼ % ୬ 500 .000 Formatting ▼ Table ▼ Style					
		Font	Fa	Alignment	Number 🕞 Styles					
[\times	~	fx							
		А	В	С	DE					
1										
2			PropertyName	PropertyValue	SetAcctDef					
З			All Regions	[((Segment2 IN ('00', 10, 20, 30, 40)))]	[((Segment2 IN ('00', 10, 20, 30, 40)))]					
2			Corp	[((Segment2 = '00'))]	[((Segment2 = '00'))]					
5			Region A	[((Segment2 IN (10, 30)))]	[((Segment2 IN (10, 30)))]					
e			East	[((Segment2 = 10))]	[((Segment2 = 10))]					
7			Central	[((Segment2 = 30))]	[((Segment2 = 30))]					
8			Region B	[((Segment2 IN (20, 40)))]	[((Segment2 IN (20, 40)))]					
g			West	[((Segment2 = 20))]	[((Segment2 = 20))]					
1	0									

• Custom pivot layouts. Custom pivot layouts are created using the Save Pivot Layout option on the BizInsight right-click menu when a BizInsight created pivot layout is right-clicked.



Retrieving Custom Properties

BizInsight 5.5 SP3 provides a Properties menu with an analysis set that can be used to retrieve all custom settings such as Optimize Cache definitions, Account Definitions and custom Pivot Layouts. To recover custom settings, do the following:

- 1. Make sure the .biz files containing the customizations reside in the Configuration Path to which BizInsight is pointed.
- 2. Open BizInsight and click on the **Application Settings** button on the BizInsight ribbon.

File	Home	Insert	Page La	yout	Formulas	Data	Revie	w	View	BizInsight
			Σ	$\boldsymbol{\times}$	000	\mathbb{Q}	ţî)	SQL	! ?	
BizInsigh Explorer	Application Settings	Data Caches		Offline	Save Changes to BizInsight			Show SQL		About
	\smile		BizIns	ight Rep	porting and An	alytics				

3. If the Use settings fromConfiguration Path checkbox is checked, uncheck it.

Application Settin	gs	
🔽 Use settings from C	Configuration Path.	
BizInsight Settings		
Configuration Path	Configure SQL	

4. Click on the **Configure SQL** button. If the dialog is filled in, take a screenshot of the dialog so that it can be reinstated to original values. Then uncheck the Use SQL Server for MetaData checkbox.

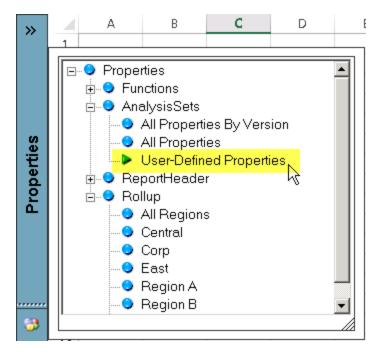
SQL Server MetaData Connection
✓ Use SQL Server for MetaData
Use SQL Authentication
Username
Password
Database server and instance
SERVER2003\BIZNET
SQL connection information for BizInsight databases Database instance name not required if using default
Use custom MetaData databases
BizInsight Databases
BizInsight Menu DB BizInsight
BizInsight Data DB BizInsight DB
Test Connection OK

- 5. On the **Application Settings** dialog, make sure the Configuration Path is pointed to the directory that contains the .biz files. The click **OK** to close. You will be prompted to restart Excel.
- 6. Re-open Excel.

7. Click on the Properties button on the Navigation Pane to display the Properties menu.



8. Expand the **AnalysisSets** node then drag and drop the **User-Defined Properties** analysis set.



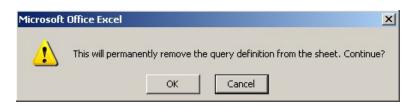
9. Right-click on the analysis set and choose Data Range Properties.

PropertyName	PropertyV	ersic	n	
OptimizeCache	ARInvoice	InvD	atoAll	_
OptimizeCache	Balances_/	፠	Cu <u>t</u>	
OptimizeCache	Balances_/	Ē	<u>С</u> ору	
OptimizeCache	BudgetInf	Ĝ	Paste Options:	
OptimizeCache	Transactio		*	
PivotLayout	Accounts/			
PivotLayout	AP1099/De		Paste <u>S</u> pecial	
PivotLayout	APCheckD		Insert	
PivotLayout	APChecks,		<u>D</u> elete	
PivotLayout	APInvoice		— Clear Contents	
PivotLayout	APInvoice	-		_
PivotLayout	APInvoice	2	<u>Q</u> uick Analysis	
PivotLayout	APVendor		Filt <u>e</u> r 🕨	
PivotLayout	ARCashRe		S <u>o</u> rt 🕨	
PivotLayout	ARCashRe	*7	Insert Co <u>m</u> ment	_
PivotLayout	ARInvoice			:
PivotLayout	ARInvoice		Sh <u>o</u> w/Hide Comments	ult
PivotLayout	ARInvoice	e- 0-	<u>F</u> ormat Cells	
PivotLayout	Balance_B	Б.	<u>E</u> dit Query	
PivotLayout	Balance_Ir		Data Range Droperties	
PivotLayout	Balances_/	_	Data Range Properties	
Divot avout	Palancoc	[_[?]	Para <u>m</u> eters	

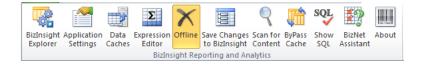
10. Uncheck the Save query definition checkbox to make the analysis set static.

External Data Range Properties
Name: BIZPROPERTYBYCUSTOM
Query definition
Save <u>a</u> uery definition
Save <u>p</u> assword
Refresh control
🔽 Enable background refresh
🗖 Refresh every 🛛 🗧 minutes
Refresh data when opening the file
🗖 Remove external data from worksheet before closing
Data formatting and layout
🔽 Include fi <u>e</u> ld names 🛛 🔲 Preserve co <u>l</u> umn sort/filter/layout
☐ Include row n <u>u</u> mbers
Adjust column width
If the number of rows in the data range changes upon refresh:
Insert cells for new data, delete unused cells
C Insert entire ro <u>w</u> s for new data, clear unused cells
$\mathbb C$ Overwrite existing cells with new data, clear unused cells
Eill down formulas in columns adjacent to data
OK Cancel

11. Click **OK** to the warning message that opens.



12. Click on the Offline button to take BizInsight offline.



13. From the **Functions** node of the **Properties** menu, drag and drop a **SetAcctDef** function and drop it in a column to the left of the analysis set. Add a column if one is not already there.

Α4		· ·	$\times \checkmark f_{\lambda}$	=SetAcctDef()
>>>		Α	В	
	1			
	2			
	3		PropertyName	PropertyVersion
	4	#Name Ne	OptimizeCache	ARInvoiceInvDateAll
	5		OptimizeCache	Balances_All
	6		OptimizeCache	Balances_ALLYTD

14. Click on the Excel *fx* button to open the Function Arguments dialog for the SetAcctDef function and pass in cell references for each of the parameters. The column headers for the analysis set match up with the function parameter names.

	· : X 🗸 .	f_x =SetAcctDef(B4,C4,D4,E4)	
4	А В	С	
1			
2			
3	PropertyNam	e PropertyVersion	Prope
4 I,D4,	E4) OptimizeCach	e ARInvoiceInvDateAll	NetAr
5	Function Argur	nents ? X	NetAr
6	SetAcctDef		NetAr
7	PropertyNa	me B4 = "OptimizeCache"	NetAr
8			NetAr
9	PropertyVers		;accou
10	Property¥a	lue D4 🔝 = "NetAmount;MainAccountCode"	;;Sum
11	PropertyUse	nD E4 📧 = "All"	Value
12		= "NetAmount;MainAccountCode"	;;Sum;
13	No help availab	le.	;;Sum
14		PropertyUserID	Value
15			Value
16			Value
17	Formula result	= NetAmount;MainAccountCode	Value
18	. c.maid result		Value
19	Help on this fu	nction OK Cancel	Value
20	PivotLayout	ARInvoiceDetail WarehouseCode/Default	Value

15. Copy the SetAcctDef function down for all rows of the analysis set.

	A	В	
+ ¹			
F 2			
3		PropertyName	PropertyVersion
4	#OFFLINE	OptimizeCache	ARInvoiceInvDateAll
5	#OFFLINE	OptimizeCache	Balances_All
6	#OFFLINE	OptimizeCache	Balances_ALLYTD
7	#OFFLINE	OptimizeCache	BudgetInfo
8	#OFFLINE	OptimizeCache	Transactions_All
0	#OEELINE	Divotlovout	Accounts/Default

- 16. Save the workbook.
- 17. Go back to the **Application Settings** and **Configure SQL** dialogs and restore the settings to the original values.
- 18. Close and reopen Excel.
- 19. Load BizInsight.
- 20. Open the workbook with the SetAcctDef formulas, right-click and choose **BizNet Refresh**. This will create the properties in the new SQL MetaData database.

	PropertyN		
#OFFLINE	Optimized	acho APInvoicolnyDatoAll	
#OFFLINE	Optim 💑	Cu <u>t</u>	
#OFFLINE	Optim 🗎	<u>C</u> opy	
#OFFLINE	Optim 💼	Paste Options:	
#OFFLINE	Optim	e	
#OFFLINE	PivotL		
#OFFLINE	PivotL	Paste <u>S</u> pecial	
#OFFLINE	PivotL	Insert	t
#OFFLINE	PivotL	<u>D</u> elete	
#OFFLINE	PivotL	Clear Contents	ılt
#OFFLINE	PivotL		_
#OFFLINE	Pivotl 🚝	<u>Q</u> uick Analysis	·/D
#OFFLINE	PivotL	Filt <u>e</u> r ▶	
#OFFLINE	PivotL	S <u>o</u> rt 🕨	ime
#OFFLINE	Pivotl	Insert Comment	:an
#OFFLINE	Pivotl 🖵	—	Cod
#OFFLINE	PivotL	Sh <u>o</u> w/Hide Comments	ho
#OFFLINE	Pivotl 📰	<u>F</u> ormat Cells)efa
#OFFLINE	PivotL	Pic <u>k</u> From Drop-down List	Acc
#OFFLINE	PivotL	Define N <u>a</u> me	nts
#OFFLINE	Pivotl 👝	_	
#OFFLINE	Pivotl 🕾	Hyperl <u>i</u> nk	
#OFFLINE	PivotL	BizNet Refresh	51G
#OFFLINE	Pivotl	BizNet DrillDown	G