# **Installation Guide**

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

SunGard 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.

**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.

#### • IMPORTANT

- 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 and SQL Server 2014. 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.
- 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.

# Installation Steps

Locate Installation Files	1
Installation Activities for the Server	2
Step 1: Create Shared Directory	
Step 2: Run Content Pack Installer	4
Step 3: Automatic Install	
Step 4: CheckTCP/IP, SQL Browser and Firewall Exceptions	31
Step 5: Run Content Installer for Additional Content Pack(s)	57
Step 6: Configure Company Security (Optional feature)	
Installation Activities for Client Workstation(s)	69
Step 1: Install BizInsight	70
Installing BizInsight for the Non-Administrative User	80
Step 2: Configure BizInsight	82

Step 3: Verify the BizInsight Installation	
Appendices	
Manually Deploying Content Reporting Services Reports	
Manually Installing BizContent Add-ins	
OptimizeCache Adjustments	115
Assign BizInsight Security to Users	116
Content Installer Manual Install Steps	124
Install Report Server	
Create Report Server User	
Deploy Data Set Content	133
Deploy MetaData Content	136
Deploy Function Content	141
Administration Tool	142
Config Tool	148
Relevant Information	155
Re-Create Custom Objects	156
Retrieving Custom Properties	158

# **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".

🛃 BizN	let softwa	re°
HOME > DOWNLOAD CENTRAL I	HOME	
Software & Services Home Product Search		Central Home
Order History Search Line Items Files Not Downloaded Recent Product Releases		cent Files Posted" displays any files posted in the past 30 days. "My Products"
Recent Files Posted Recent Email Notifications	Recent Email Notificatio <u>View All</u> Mar 20, 2014	BizNet Software Order Notification
Administration 🌣	Mar 20, 2014 Mar 17, 2014	BizNet Product Update Notification
Account Administrators	Mar 17, 2014	BizNet Product Update Notification
Account Members	Mar 17, 2014	Password Finder
Change Password	Feb 27, 2014	Welcome to the BizNet Software Customer Portal
Email Preferences		
Product Preferences Download Preferences	Recent Files Posted View All	
Your Profile	Mar 17, 2014 Mar 17, 2014	BizBroadcast 2.1.1 - Release Notes BizNet Broadcast 2.1.1 Documentation
Get Help 0	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	My Products Product Lines
	BizNet Software, Inc.	

Following are the files you will need to download:

- BizInsight 5.0.35.1
- 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)

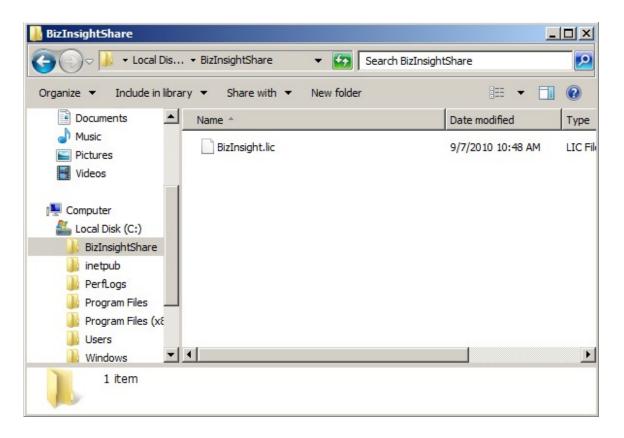
Save these files to any network location that is accessible from both the server and the client workstations. Throughout the documentation you will be instructed to access the contents of these different zip files.

# Installation Activities for the Server

Step 1: Create Shared Directory	3
Step 2: Run Content Pack Installer	4
Step 3: Automatic Install	9
Step 4: CheckTCP/IP, SQL Browser and Firewall Exceptions	31
Step 5: Run Content Installer for Additional Content Pack(s)	57
Step 6: Configure Company Security (Optional feature)	67

## **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.

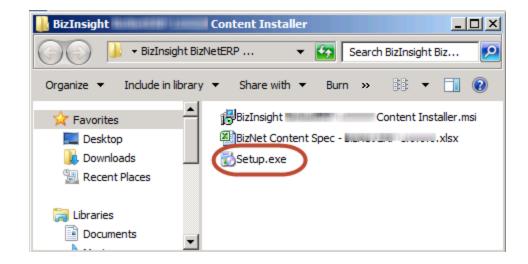
The Admin Tool, which will be used later, will configure sharing and security permissions of this directory for the BizInsight end users.

## 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 E Installer <i>Contern</i> Wizard The Setup Wizard will inst BizInsightSunGardEAS or continue or Cancel to exi	nt Pack Name tall BizInsight Content in your computer. Click I	Setup
	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 license ag			BizNetsoft
End User L	iconco A	aroomo	at .
	and a support of the support	-	
NOTICE TO ALL USERS			
CAREFULLY. BY CLICE THE BOTTOM OF THIS			
USING THE SOFTWARE			
THE TERMS AND CON	-		
AND YOU AGREE	THAT THI	S AGREE	MENT IS
ENEODOEADIE AS IE I	T UAD DEEN	SIGNED D	V VOU IE
I accept the terms in the License	Agroomont		

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

BizInsight Content Installer Setup	
Choose Setup Type	
Choose the setup type that best suits your needs	<b>BizNet</b> softwar
Typical	
Installs the most common program featu	res. Recommended for most users.
Custom	
Allows users to choose which program fe they will be installed. Recommended for	
Complete	
All program features will be installed. Re	quires the most disk space.
В	ack Next Cancel

### Custom setup type options that are available:

ustom Setup				
Select the way yo	u want features to be inst	alled.	В	izNetsoftw
	he tree below to change th		will be installed.	
D	zInsight 1.0.0.0 esktop Shortcut rogram Menu Shortcut			
		This feat your har	ture requires 92 d drive.	7MB on
•				
Location:	C:\Program Files (x86)\Biz 1.0.0.0\	Net Software\Biz	NetERP	Browse

6. Click Install.



7. Click Yes to any User Account Control messages.

🌍 Usei	r Account Contr	ol 🛛
		o allow the following program from an unknown ake changes to this computer?
	Program name:	C. Sawer W. H. Dawling, Davids Baller, DV Ballinght, Refer DV Carrier Lincole, etc.
	Publisher:	Unknown
	File origin:	Hard drive on this computer
-	Show details	Yes No
		Change when these notifications appear

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 BizInsightSunGardEA	S 3.0.0.0 Content Installer
	Relevant Information
Automatic Install         Manual Install Stages         Install Report Server         Create Report Server User         Install Caching Service         Deploy Data Set Content         Deploy MetaData Content         Deploy Function Content         Admin Tool         Config Tool	<ul> <li>Reporting Server Not Found</li> <li>Reporting Server User Not Found</li> <li>Caching Service Not Found</li> <li>BizInsightSunGardEAS DataSet Content Not Found</li> <li>BizInsightSunGardEAS MetaData Content Not Found</li> <li>BizInsightSunGardEAS Function Content Not Found</li> <li>Users Need To Be Added by Admin Tool</li> <li>Settings Need To Be Configured by Config Tool</li> </ul>
Exit	[ <u></u>

## 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 124 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 for the Configuration Path	C:\BizInsightShare	Browse
This directory will become a shared network directory after the	e installation process.	C Override Configuration Path
For Technical Use Only		
Currently installing to Sql Server instance:	Not Selected Yet	
C 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 Inst	tallation Question			
Depl	oy Local Content			
Ple	ase choose a directory location for the Configuration Path:	C:\BizInsightShare\Config		Browse
Thi	This directory will become a shared network directory after the installation process.			
For 1	Fechnical Use Only			
Cur	rently installing to Sql Server instance:	Not Selected Yet		
	Override Automatic Sql Server Detection			
	Select A Sql Server For MetaData:	Select Sql Server		
	Ok	1	Cancel	1
			Galicor	]

Check the **Override Automatic SQL Server Detection** checkbox to specify a SQL Server instance for the SQL MetaData databases. If not specified, the installer will use the SQL Server database engine installed by the installer or the detected SQL Server installation if one exists.

Pre Installation Question  Deploy Local Content		
Please choose a directory location for the Configuration Path: This directory will become a shared network directory after the in	,	Browse
For Technical Use Only		Sql Server Selection
Currently installing to Sql Server instance:	Not Selected Yet	Choose Sql Server
Verride Automatic Sql Server Detection		Server Name:
Select A Sql Server For MetaData:	Select Sql Server	Instance Name:
Ok		Authentication Type:
	1	Sql Login:
		Sql Password:
Exit		Test Sql Server Connectivity Override
		Ok. Reset 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 Administrator account on this machine. Your installation of SQL Server Reporting Services could fail to function 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.

#### Select Sql Server

Sql Server has been detected as already installed on you computer.

Click here to start a side by side install of Sql Sever 2008 R2 Express. (Recommended)

Instance Name: MSSQLSERVER, Sql Server 2008 R2, 32Bit

Click here to use a currently installed Sql Server that you have checked above.

Click here to override and enter your Sql Server information

Click here to cancel install.

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. It is especially recommended when your existing SQL Server is version 2005. <b>BizNet Software Support</b> <b>will not assist with implementing Reporting Services 2005</b> .
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.
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.

Option	Description
Click here to override and	Use this button If you need to specify a different port or want to
enter your Sql Server	use HTTPS for secure communications or your existing
information	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
	SERVER2000R2
	ОК
	Report Server Override
	Connection String For SQL Server Server-SERVER2008R2/instance_name:Trusted_Connection=True;
	Windows Authentication Example         SQL Server Authentication Example         Test SQL Server Connection           Web URL For Report Server
	http://[MACHINE-NAME//Report Server_[REPORT-SERVER-INSTANCE] Test Report Server Connection
	Ovende Report Server Install
	In the <b>Connection String for SQL Server</b> field, enter a valid
	connection string for the SQL Server instance to which the Content Installer should install the SQL MetaData databases.
	Use the <b>Windows Authentication Example</b> or the <b>SQL Server</b>
	Authentication Example buttons to populate the connection
	string with sample syntax. Be sure to change the values to values valid for your environment.
	values value for your environment.
	In the <b>Web URL for Report Server</b> field, enter the <b>web service</b> <b>URL</b> 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.es	xe
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.



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

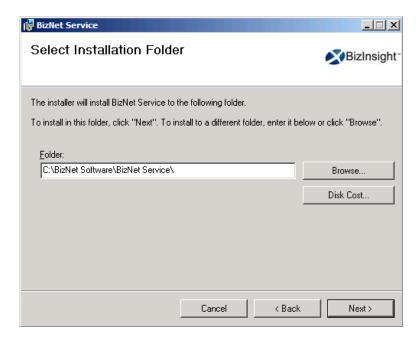
4. A Welcome dialog will display at the start of the caching service installation. Click **Next**.



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**.

🙀 BizNet Service		
License Agreement		<b>X</b> BizInsight <sup>-</sup>
Please take a moment to read the licens Agree", then "Next". Otherwise click "Ca		pt the terms below, click "I
End User I	.icense Agree	ment
NOTICE TO ALL USERS CAREFULLY. BY CLICK BOTTOM OF THIS PAG THE SOFTWARE, YOU TERMS AND CONDITION	ING THE "I AGREE" E OR BY INSTALL AGREE TO ACCE	BUTTON AT THE ING AND USING PT ALL OF THE
C I Do Not Agree	I Agree	
	Cancel	Back Next >

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



7. Click Next at the Confirm Installation dialog.

📴 BizNet Service	
Confirm Installation	<b>⊘</b> BizInsight⁻
The installer is ready to install BizNet Service on your compute Click ''Next'' to start the installation.	я.
Cancel	< Back Next >

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.

The BizNet Caching Service is a required component for BizInsight Caching Service Server Type SQL SERVER  Default Connection to EAS Database User ID Database Name User ID Password Test Connection Default Cache Duration (Specify how long the data remains in cache) Days O  Amount Default Cache Duration (Specify how long the data remains in cache) Days O  Amount Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Minutes Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Specify how long the request will take before timing out) Cuery Time Out (Sp	Configure BizNet Caching Service	X
SQL SERVER         Default Connection to EAS Database         Windows Authentication         Server Name         Database Name         User ID         Password         Test Connection         Default Cache Duration (Specify how long the data remains in cache)         Days       0         Query Time Out (Specify how long the request will take before timing out)         Minutes       3         Query Time Out (Specify how long the request will take before timing out)         Minutes       3         Query Time Out (Specify how long the request will take before timing out)         Minutes       3         Minutes       3         Seconds       20         Optimization Settings       Inner Join Statements         BU Performance Selection       Inner Join Statements	The BizNet Caching Service is a re	quired component for BizInsight
Default Connection to EAS Database         Windows Authentication         Server Name         Database Name         User ID         Password         Test Connection         Default Cache Duration (Specify how long the data remains in cache)         Days         Query Time Out (Specify how long the request will take before timing out)         Minutes         Query Time Out (Specify how long the request will take before timing out)         Minutes         Query Time Out (Specify how long the request will take before timing out)         Minutes         Query Time Out (Specify how long the request will take before timing out)         Minutes         Query Time Out (Specify how long the request will take before timing out)         Minutes         Seconds       20         Default Cache Duration Settings         Use Company Calendar for CA functions         BU Performance Selection         © Inner Join Statements	Caching Service Server Type	
Image: Server Name       Image: Server Name         Database Name       Image: Server Name         User ID       Image: Server Name         Password       Image: Server Name         Default Cache Duration (Specify how long the data remains in cache)       Image: Server Name         Default Cache Duration (Specify how long the data remains in cache)       Image: Server Name         Days       Image: Hours       Image: Server Name         Query Time Out (Specify how long the request will take before timing out)       Image: Seconds       Image: Seconds         Optimization Settings       Image: Seconds       Image: Seconds       Image: Seconds       Image: Seconds         BU Performance Selection       Image: Seconds       Image: Seconds       Image: Seconds       Image: Seconds         Image: Seconds       Image: Seconds       Image: Seconds       Image: Seconds       Image: Seconds		SQL SERVER
Image: Server Name       Image: Server Name         Database Name       Image: Server Name         User ID       Image: Server Name         Password       Image: Server Name         Default Cache Duration (Specify how long the data remains in cache)       Image: Server Name         Default Cache Duration (Specify how long the data remains in cache)       Image: Server Name         Days       Image: Hours       Image: Server Name         Query Time Out (Specify how long the request will take before timing out)       Image: Seconds       Image: Seconds         Optimization Settings       Image: Seconds       Image: Seconds       Image: Seconds       Image: Seconds         BU Performance Selection       Image: Seconds       Image: Seconds       Image: Seconds       Image: Seconds         Image: Second       Image: Second       Image: Second       Image: Second       Image: Second         Image: Second       Image: Second       Image: Second       Image: Second       Image: Second       Image: Second	Default Connection to EAS Database	
Server Name         Database Name         User ID         Password         Test Connection         Default Cache Duration (Specify how long the data remains in cache)         Days		Windows Authentication
Database Name   User ID   Password     Test Connection     Default Cache Duration (Specify how long the data remains in cache)   Days   Days   Query Time Out (Specify how long the request will take before timing out)   Minutes   3   •   Seconds   20   •     Optimization Settings   Iso Company Calendar for CA functions   BU Performance Selection   •   Case Statements		
User ID Password  Default Cache Duration (Specify how long the data remains in cache)  Days  Default Cache Duration (Specify how long the data remains in cache)  Days  Outrimited  Days  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Minutes  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)  Cuery Time Out (Specify how long the request will take before timing out)	Server Name	
Password	Database Name	
Test Connection         Default Cache Duration (Specify how long the data remains in cache)         Days <ul> <li>Hours</li> <li>12</li> <li>Minutes</li> <li>Minutes</li> <li>Minutes</li> <li>Seconds</li> <li>20</li> <li>Seconds</li> <li>20</li> <li>Seconds</li> <li>EU Performance Selection</li> <li>Case Statements</li> </ul>	User ID	
Default Cache Duration (Specify how long the data remains in cache)         Days <ul> <li>Hours</li> <li>12</li> <li>Minutes</li> <li>Minutes</li> <li>Minutes</li> <li>Seconds</li> <li>20</li> <li>Seconds</li> <li>20</li> <li>Seconds</li> <li>Seconds</li></ul>	Password	
Days       0       +       Hours       12       +       Minutes       0       +         Query Time Out (Specify how long the request will take before timing out)       Minutes       3       +       Seconds       20       +         Minutes       3       -       Seconds       20       -       +         Optimization Settings       Use Company Calendar for CA functions       BU Performance Selection       ©       Inner Join Statements		Test Connection
Query Time Out (Specify how long the request will take before timing out)         Minutes       3       Seconds       20       Seconds         Optimization Settings       Image: Seconds       Image:	Default Cache Duration (Specify how long t	the data remains in cache)
Minutes 3 Seconds 20 Optimization Settings Use Company Calendar for CA functions BU Performance Selection © Case Statements O Inner Join Statements	Days 0 + Hours 12	Minutes 0
Optimization Settings Use Company Calendar for CA functions BU Performance Selection © Case Statements © Inner Join Statements	Query Time Out (Specify how long the requ	est will take before timing out)
Use Company Calendar for CA functions BU Performance Selection © Case Statements © Inner Join Statements	Minutes 3	Seconds 20
BU Performance Selection © Case Statements © Inner Join Statements	Optimization Settings	
© Case Statements © Inner Join Statements	Use Company Calendar for CA	functions
	BU Performance Selection	
Manage additional connections to EAS databases	Case Statements	C Inner Join Statements
	Manage additional connec	tions to EAS databases
Configure now Skip this step	Configure now	Skip this step

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.
	<b>NOTE</b> 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 <b>Test Connection</b> button to confirm that the connection configuration is correct.
	eas X Test Connection
	Minutes     0     Image: Connection Successful
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.
	<b>IMPORTANT</b> The cache duration should never be set below 5 minutes. Doing so will result in product instability.

Option	Description
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.

#### **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.

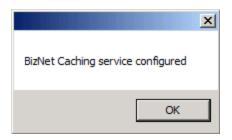
Option	Description
Use Company Calendar for CA Functions	Use this option to improve performance of the Cost Allocation ("CA") functions. Checking this option instructs the caching service to use the company calendar table for period filtering. By default, the queries use a substring function on the CAL_ 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.
Manage additional connections to EAS databases	If users will need to retrieve data from more than one EAS database, use the <b>Manage additional connections to EAS databases</b> 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.
	Hanage Additional Connections         Currently Configured Connection Information         Connection Information         Windows Authentication         Connection Name         User ID         Password         Server Name         Database Name         Add/Neplace Connection         Delete Connection         Done

Note

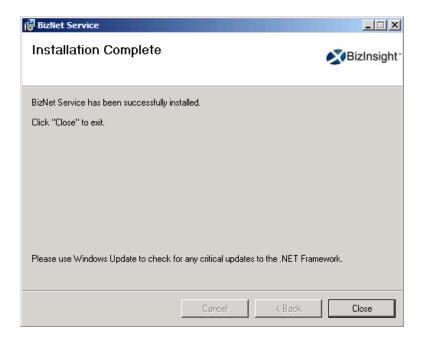
Once the caching service is installed and configured, the caching service configuration dialog can be accessed from the Start menu if changes need to be made or additional connections added:



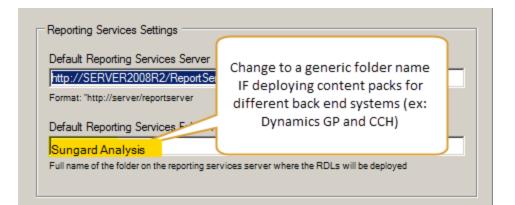
9. Click **OK** to the dialog indicating the caching service is configured.



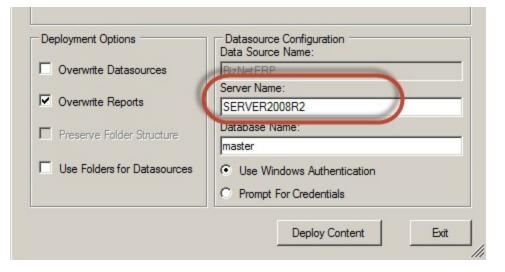
10. The Installation Complete dialog will open. Click Close.



- 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.



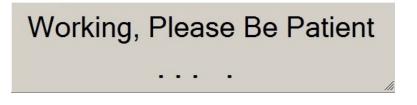
c. Adjust the **Database Name** field to point to your accounting system database. If your accounting software uses a system or control database, provide the name of that database rather than a company database name.

Overwrite Datasources	BizNetERP
_	, Server Name:
<ul> <li>Overwrite Reports</li> </ul>	SERVER2008R2
Preserve Folder Structure	Database Name:
	EAS
Use Folders for Datasources	Use Windows Authentication
	C Prompt For Credentials

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.

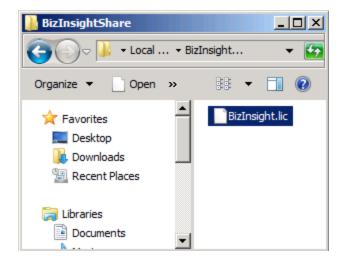
12. The content installer will continue automatically installing elements. You will see the content installer window update with green checks as the installer completes the elements.

🔀 BizInsight BizInsightSunGardEAS	5 3.0.0.0 Content Installer	×
	Relevant Infor	mation
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         Config Tool	<ul> <li>Reporting Server Found</li> <li>Reporting Server User Found</li> <li>Caching Service Found</li> <li>BizInsightSunGardEAS DataSet Content Found</li> <li>BizInsightSunGardEAS MetaData Content Found</li> <li>BizInsightSunGardEAS Function Content Found</li> <li>Users Have Been Added by Admin Tool</li> <li>Settings Have Been Configured by Config Tool</li> </ul>	
View Additional Files		
Exit		Q

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

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 145.

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	<b>NOTE</b> 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	<b>NOTE</b> This setting only applies to the Analysis Set objects. The authentication method used to retrieve Function data is set in the Caching Service configuration. If BizInsight users will be using SQL authentication to retrieve data from the accounting system database, change this option to the <b>Ask only once</b> radio button to ensure that users only have to provide their credentials 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 148.

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 Application 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 Clipboa	rd	

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

🖉 BizInsight BizInsightSunGard	EAS 3.0.0.0 Content Installer
	Relevant Informatio
Automatic Install Manual Install Stages	Reporting Server Found
Install Report Server Create Report Server User	Caching Service Found BizInsightSunGardEAS DataSet Content Found BizInsightSunGardEAS MetaData Content Found
Install Caching Service Deploy DataSet Content Deploy MetaData Content Deploy Function Content	<ul> <li>BizInsightSunGardEAS Function Content Found</li> <li>Users Have Been Added by Admin Tool</li> <li>Settings Have Been Configured by Config Tool</li> </ul>
Admin Tool Config Tool	
Exit	<u>م</u>

# Step 4: 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 41

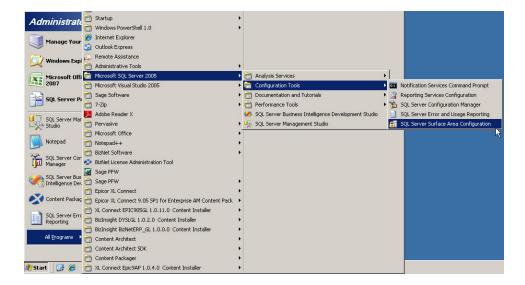
Customers are strongly encouraged to make these changes in order for the XMLFast feature to work. While the XMLFast feature can be turned off on the client workstation in Application Settings, doing so will result in significantly slower data retrieval times.

## Enable TCP/IP

To enable TCP/IP, the steps vary depending on your SQL Server version. The steps for SQL Server 2005 are as follows. For SQL Server 2008 or higher, see "SQL Server 2008" on page 36.

## SQL Server 2005

1. Click on Start > All Programs > Microsoft SQL Server 2005 > Configuration Tools > SQL Server Surface Area Configuration.



2. Click on Surface Area Configuration for Services and Connections.



3. In the left pane, click on **SQL Server Browser**. When the right pane has refreshed with the options for the SQL Server Browser, make sure that **Startup Type** is set to "Automatic" and click on **Start** if the service is not started.

🐐 Surface Area Configuration for S	ervices and C	onnections - localhost	×
SQL Server 2005 Surfa Help Protect Your SQL Serve		onfiguration	
Enable only the services and connection protect your server by reducing the surfac Seject a component and then configure its	e area. For defa		
SQLEXPRESS     Jostabase Engine     Service     Bemote Connections		urns named pipe and TCP port information to client applications. Enablin ecommended for Analysis Services.	ng
SQL Server Browser	S <u>e</u> rvice name:	SQLBrowser	
→ Service	Display name: Des <u>c</u> ription:	SQL Server Browser	
		Provides SQL Server connection information to client computers.	
	Startup type:	Automatic	~
	Service status:	Running	
	<u>S</u> tart	Stop Pause Resume	
View by Instance View by Component			
		OK Cancel Apply Help	

4. Under Database Engine, click on **Remote Connections**. Select the **Local and Remote Connections** radio button to enable remote users to access this SQL Server instance. Click **Apply**.

🐐 Surface Area Configuration for S	🐐 Surface Area Configuration for Services and Connections - localhost			
SQL Server 2005 Surface Area Configuration Help Protect Your SQL Server				
Enable only the services and connection types used by your applications. Disabling unused services and connections helps protect your server by reducing the surface area. For default settings, see <u>Help</u> . Seject a component and then configure its services and connections:				
Select a component and then configure its services and connections:         Image: SQLEXPRESS         Image: Database Engine Service         Image: Service         Image: Remote Connections         Image: SQL Server Browser         Image: SQL Server Browser         Image: Database Engine Service         Image: SQL Server Browser         Image: Database Engine Service         Image: Datab				
View by Instance View by Component				
	OK Cancel Apply Help			

5. An alert dialog will be displayed indicating that the changes will not take effect until the Database Engine service is stopped and restarted. Click **OK**.

Conne	ection Settings Change Alert	×
Ę	Changes to Connection Settings will not take effect until you restart the Database Engine service.	
B	ОК	

6. In the left pane, expand **Database Engine** and click on **Service**. In the right pane, click on **Stop** and then click on **Start** when that button becomes enabled. Once the service is restarted, click **OK** to exit the Surface Area Configuration tool.

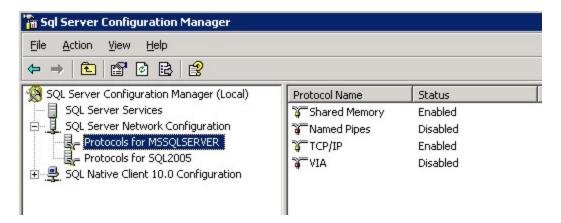
🐐 Surface Area Configuration for Se	ervices and C	onnections - localhost 🛛 🔀	
SQL Server 2005 Surface		nfiguration	
Enable only the services and connection protect your server by reducing the surface Select a component and then configure its	e area. For defa		
GLEXPRESS     GLAtabase Engine     Service     Remote Connections		vice unless your applications use it.	
□ 🔀 SQL Server Browser Service	Service name: Display name: Description: Startup type: Service status:	SQL Server (SQLEXPRESS)	
		Provides storage, processing and controlled access of data and rapid transaction processing.	
		Automatic 💌	
		Running	
	<u>S</u> tart	Stop Pause Resume	
View by Instance View by Component			
		OK Cancel <u>Apply H</u> elp	

#### SQL Server 2008

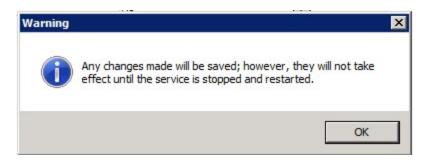
1. Click on Start > All Programs > Microsoft SQL Server 2008 (2008 R2) > Configuration Tools > SQL Server Configuration Manager.

Intent Ar Content i	Microsoft SQL Server 2008 R2	•	Analysis Services	+	
<b>II</b> .#	Microsoft Visual Studio 2008	•	Configuration Tools	۱ 🔝	Reporting Services Configuration Manager
Administrate	m Startup	•	] Integration Services	•	SQL Server Configuration Manager
- autorini in su au	Mindows PowerShell 1.0	٠ (	Performance Tools	• 🗈	SQL Server Error and Usage Reporting
Manage Your	6 Internet Explorer		Import and Export Data (32-bit)	1	SQL Server Installation Center
	🗐 Outlook Express	0	SQL Server Business Intelligence Development Studio	T	
Windows Expl	💫 Remote Assistance		SQL Server Management Studio		
	Administrative Tools	•		_	
Microsoft Offi	Microsoft SQL Server 2005	•			
2007	microsoft Visual Studio 2005	•			
SOL Server Pi	🛅 Sage Software	•			
SQL Server Pi	🛅 7-Zip	•			
	📙 Adobe Reader X				
SQL Server Mar	m Pervasive	•			
~~~~~	microsoft Office	•			
Notepad	m Notepad++	•			
G	BizNet Software	•			
SQL Server Con Manager	BizNet License Administration Tool				
	🛃 Sage PFW				
SQL Server Bus Intelligence Dev	Sage PFW	•			
	m Epicor XL Connect	•			
Content Packaç	m Epicor XL Connect 9.05 SP1 for Enterprise AM Content Pack	•			
	XL Connect EPIC905GL 1.0.11.0 Content Installer	•			
SQL Server Surl	BizInsight DYSLGL 1.0.2.0 Content Installer	•			
	BizInsight BizNetERP_GL 1.0.0.0 Content Installer				
All <u>P</u> rograms 🕨	Content Architect	•			
	Content Architect SDK	•			
	Content Packager	•			
Start 🔂 🔏	XL Connect Epic9AP 1.0.4.0 Content Installer				

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.



 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:



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

🙀 SQL Server Configuration Manager		_ 🗆 ×
File     Action     View     Help       Image: Second s		
SQL Server Configuration Manager (Local)	tart service	State
SQL Server 2005 Services	20 SQL Server FullText Search (SQL2005)	Stopped
SQL Server 2005 Network Configuration	SQL Server (SQL2005)	Running
Protocols for SQL2005	SQL Server Reporting Services (SQL2005)	Running
⊞ , SQL Native Client Configuration     ■	SQL Server Agent (SQL2005)	Stopped
	SQL Server Browser	Running

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:   Password:   Confirm password:	Br <u>o</u> wse
Service status: Running <u>Start</u> S <u>t</u> op <u>P</u> ause	<u>R</u> estart
OK Cancel Apply	Help

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

1000	General	
t b	Binary Path	"C:\Program Files\Microsoft SQL Se
E	Error Control	1
E	Exit Code	0
ŀ	Host Name	SERVER2003
P	Vame	SQL Server Browser
F	Process ID	2096
2	5QL Service Type	SQL Browser
2	Start Mode	Automatic 🗸 🗸 🗸
9	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:	
Service status: Stopped	
Stop Pause	<u>R</u> estart
OK Cancel <u>Apply</u>	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 program to work better but might increase your security risk.	IS
Programs and Services:	
Name ☑ File and Printer Sharing	-
Remote Desktop	
UPnP Framework	
	- 1
Add Program Add Port	
	- 11
Display a notification when Windows Firewall blocks a program	
OK Canc	

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 Fir ol, consult the documentation for the	
<u>N</u> ame: <u>P</u> ort number:	TCP 1433 1433	
	⊙ <u>I</u> CP O <u>U</u> DP	
<u>C</u> hange scope		K Cancel

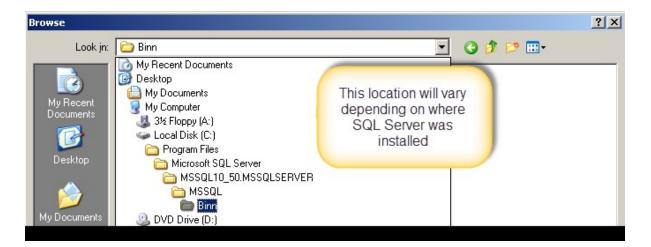
4. Add a second port exception for UDP 1434.

Add a Port				×
Use these settings number and protoc want to use.				
<u>N</u> ame:	UDP 1434			
Port number:	1434			
	O ICP	⊙ <u>U</u> DP		
Change scope	J		OK	Cancel

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

To allow communications with a program by adding it to the Exceptions list, select the program, or click Browse to search for one that is not listed. <b>Drograms: Profile Manager D</b> ata Profile Viewer <b>D</b> atabase Engine Tuning Advisor <b>D</b> atabase Engine Tuning Advisor <b>D</b> batabase Update Wizard <b>D</b> beployment Wizard <b>D</b> peloyment Wizard <b>D</b> mport and Export Data (32-bit) <b>D</b> hatic Disc	Add a Program	×
Image: Constraint of the second se		
<ul> <li>Data Profile Viewer</li> <li>Database Engine Tuning Advisor</li> <li>Database Engine Tuning Advisor</li> <li>Database Update Wizard</li> <li>Deployment Wizard</li> <li>Deployment Wizard</li> <li>Execute Package Utility</li> <li>Import and Export Data (32-bit)</li> <li>Internet Explorer</li> <li>MagicDisc</li> </ul>	Programs:	
<ul> <li>Database Engine Tuning Advisor</li> <li>Database Engine Tuning Advisor</li> <li>Database Update Wizard</li> <li>Deployment Wizard</li> <li>Deployment Wizard</li> <li>Execute Package Utility</li> <li>Import and Export Data (32-bit)</li> <li>Internet Explorer</li> <li>MagicDisc</li> </ul>	📅 7-Zip File Manager 📃 🔺	
Database Engine Tuning Advisor  Database Update Wizard  Deployment Wizard  Deployment Wizard  Execute Package Utility  Import and Export Data (32-bit)  MagicDisc	😰 Data Profile Viewer	
<ul> <li>Database Update Wizard</li> <li>Deployment Wizard</li> <li>Deployment Wizard</li> <li>Execute Package Utility</li> <li>Import and Export Data (32-bit)</li> <li>Internet Explorer</li> <li>MagicDisc</li> </ul>	🕸 Database Engine Tuning Advisor	
Deployment Wizard Deployment Wizard Execute Package Utility Import and Export Data (32-bit) Internet Explorer MagicDisc	🕸 Database Engine Tuning Advisor	
Control Deployment Wizard Execute Package Utility Import and Export Data (32-bit) Internet Explorer MagicDisc	🝘 Database Update Wizard	
Execute Package Utility Import and Export Data (32-bit) Internet Explorer MagicDisc	Co Deployment Wizard	
Import and Export Data (32-bit)	Co Deployment Wizard	
MagicDisc	🖳 Execute Package Utility	
MagicDisc 🗾	🖳 Import and Export Data (32-bit)	
	C Internet Explorer	
Path: C:\Program Files\7-Zip\7zFM.exe Browse	MagicDisc 🗨	
	Pathy C:\Program Files\7-Zip\72FM exe	
		4
Change scope OK Cancel	Change scope OK Cancel	1

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



Browse					? ×
Look jn	🗀 Binn		• 0	🦻 🖻 🖽 -	
My Recent Documents Desktop My Documents My Computer	DIITmp32 Resources Templates DatabaseMail.e DCEXEC.EXE fdhost.exe fdlauncher.exe SQLAGENT.EXE SQLIOSIM.COM SQLIOSIM.COM SQLIOSIM.EXE sqlmaint.exe sqlstubss.exe xpadsi.exe				
My Network Places	File <u>n</u> ame: Files of <u>t</u> ype:	sqlservr.exe Applications (*.exe;*.com;*.	icd)	•	<u>O</u> pen Cancel

7. Close the Firewall dialog after making these additions.

#### Server 2008

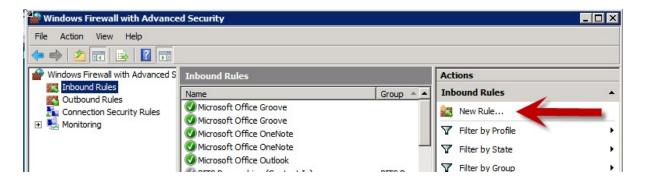
1. Click on Start > Administrative Tools > Windows Firewall with Advanced Security

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

2. Click on Inbound Rules.



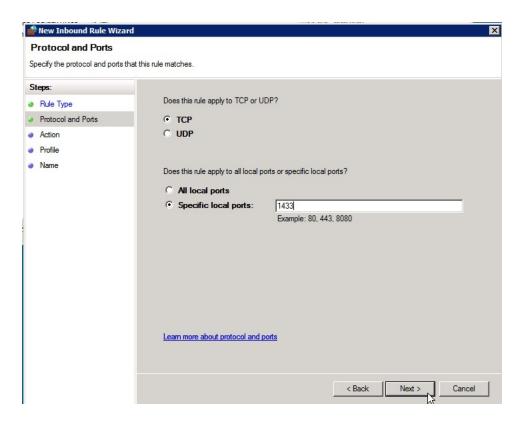
3. Click on New Rule.



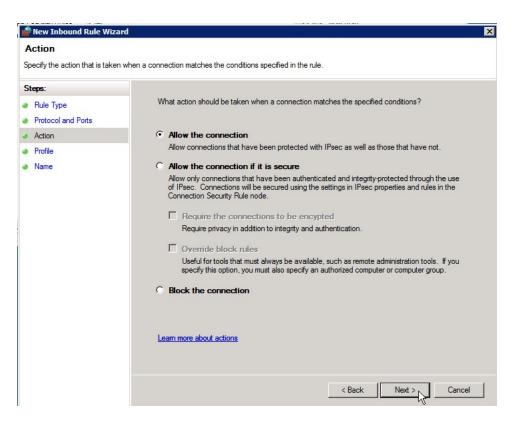
4. Choose the **Port** radio button and click **Next**.

Rule Type Select the type of firewall rule t	o create.
Steps: Rule Type Protocol and Ports Action Profile Name	What type of rule would you like to create? <b>Pogram</b> Rule that controls connections for a program. <b>Pode ince Predefined Pilts Peercaching Pule that controls connections for a Windows experience. O ustom Leam more about rule types</b>
	< Back. Next > Cancel

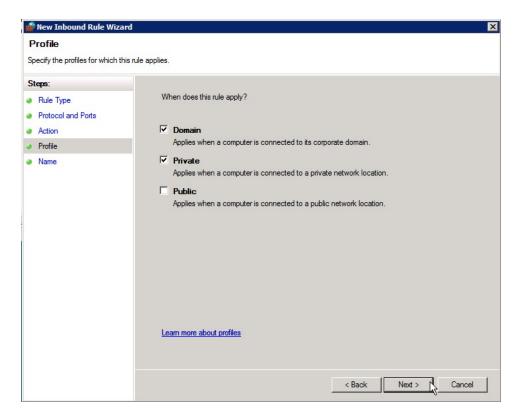
5. Leave the **TCP** option selected and type in port 1433. Click **Next**.



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

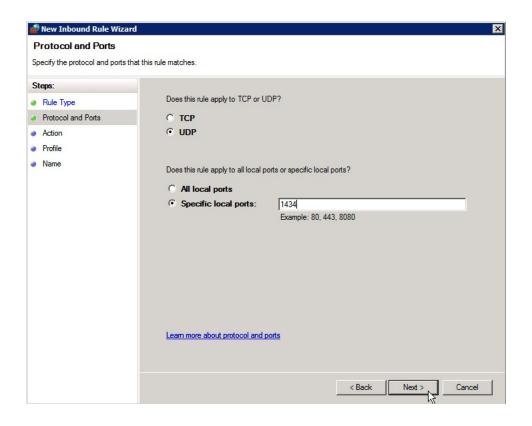


7. Uncheck the **Public** checkbox (unless users are connecting using a public network location) and click **Next**.



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.

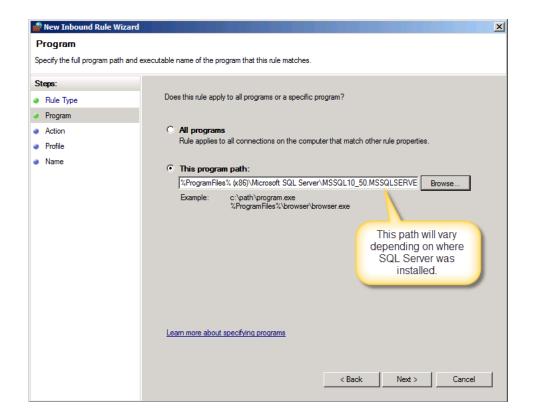


10. Add a third new inbound rule for a program exception.

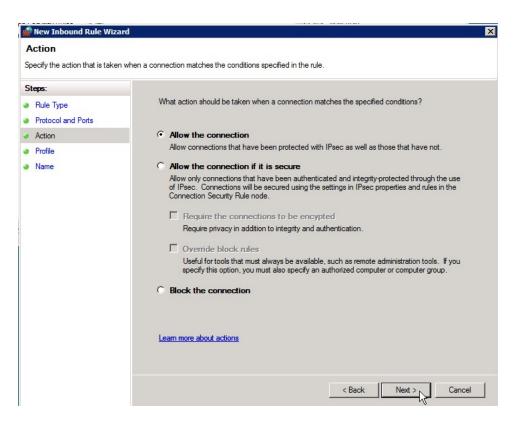
💣 New Inbound Rule Wizard	×
Rule Type Select the type of firewall rule to cr	reate.
Steps: Rule Type Program Action Profile Name	What type of rule would you like to create?   Program Rule that controls connections for a program.  Pot Rule that controls connections for a TCP or UDP pot.  Predefined: BITS Peercaching Rule that controls connections for a Windows experience.  Custom Custom rule.  Learn more about rule types
	< Back Next > Cancel

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

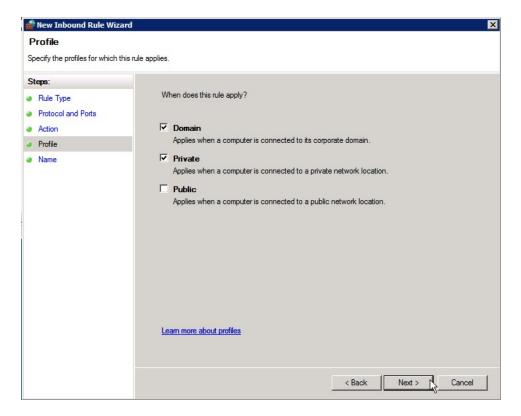
	▼ MSSQL ▼ Binn ▼	▼ 🛃 S	earch	
Organize 🔹 📗 Views	<ul> <li>New Folder</li> </ul>			C
Favorite Links	Name A		Туре	▼ Size ▼ 1
Documents	Resources	-,	File Folder File Folder	
Recently Changed	DatabaseMail90	-,,	Application	17 KB
	ETSStub		Application	15 KB
	■ msftefd		Application	63 KB
Computer	msftesgl		Application	91 KB
Pictures	SOLAGENT90		Application	312 KB
Music	sqlmaint		Application	75 KB
Searches	sqlservr		Application	28,095 KB
Di Public	sqlstubss90	10/14/2005 4:52	Application	16 KB
	xpadsi90	10/14/2005 4:53	Application	48 KB
Folders	sqlservr		Programs (*.e	



12. Leave Allow the connection selected and click Next.



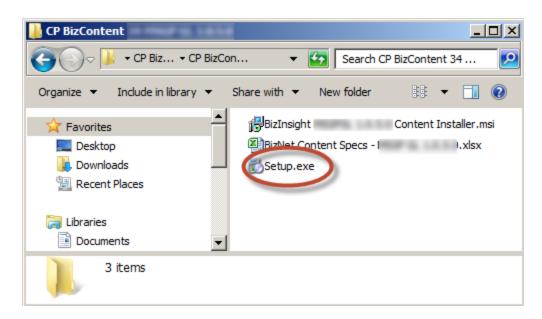
13. Uncheck the **Public** checkbox (unless users are connecting using a public network) and click **Next**.



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

## Step 5: 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, <a href="http://biznet.flexnetoperations.com">http://biznet.flexnetoperations.com</a>
- 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>Contern</i> Wizard The Setup Wizard will inst BizInsightSunGardEAS or continue or Cancel to exi	nt Pack Name tall BizInsight Content in your computer. Click I	Setup
	Back	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 lice	ense agreement carefully	<b>BizNet</b> softw
		<u> </u>
End Use	er License Agi	reement
CAREFULLY. BY C THE BOTTOM OF USING THE SOFTW THE TERMS AND AND YOU AGR	CLICKING THE "I A THIS PAGE OR BY VARE, YOU AGREE " CONDITIONS OF DEE THAT THIS	THIS AGREEMENT GREE" BUTTON AT INSTALLING AND TO ACCEPT ALL OF THIS AGREEMENT AGREEMENT IS IGNED BY YOU IE
I accept the terms in the I	license Aareement	

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

BizInsight Content Installer Setup	
Choose Setup Type	
Choose the setup type that best suits your needs	<b>BizNet</b> softwa
Typical	
Installs the most common program featu	res. Recommended for most users.
Custom	
Allows users to choose which program fe they will be installed. Recommended for	
Complete	
All program features will be installed. Re	quires the most disk space.
В	ack Next Cancel

#### Custom setup type options that are available:

ustom Setup				
Select the way yo	u want features to be inst	alled.	В	izNetsoftw
	he tree below to change th		will be installed.	
D	zInsight 1.0.0.0 esktop Shortcut rogram Menu Shortcut			
		This feat your har	ture requires 92 d drive.	7MB on
•				
Location:	C:\Program Files (x86)\Biz 1.0.0.0\	Net Software\Biz	NetERP	Browse

7. Click Install.



8. 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. Sawer W. H. Dwalter, Dwale Baller, DV Ballwaght, Refer DV Carrier Lincole, etc.
	Publisher:	Unknown
	File origin:	Hard drive on this computer
-	Show details	Yes No
		Change when these notifications appear

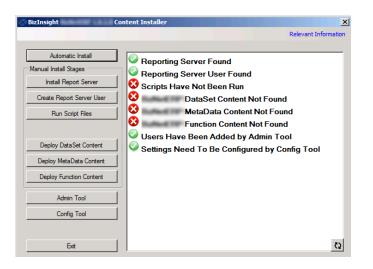
9. When the installer completes, an icon will exist on the desktop if you did not disable the creation of shortcuts.



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)\BizNet Software.

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



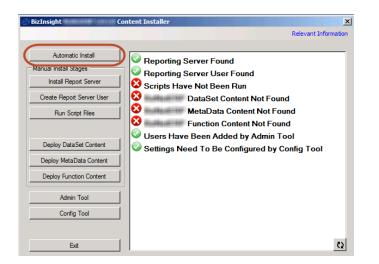
12. Click on the **Relevant Information** link in the upper right corner and make a note of the **Report Folder** name:

🐼 BizInsight	Content Installer	×
		Relevant Information
Automatic Inst	Relevant Information	
Manual Install Stages	Config Path:	\\SERVER2008R2\ConfigurationPath
Install Report S		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	Sql Server MetaData Database and Instance Name:	SERVER2008R2
Admin Tool	Packaged with Content Packager	
Config Too	Close	Copy to Clipboard
- Exit		52

**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.



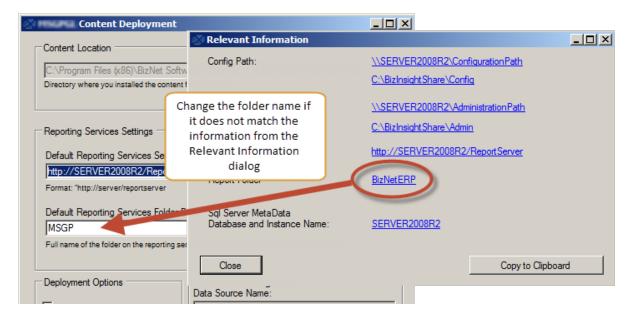
14. The content installer will deploy the MetaData and function content. The path will be automatically defaulted to the path last used. Click **OK**.

Please choose a directory location for the Configuration	Path: C:\BizInsightShare\Config	Brow
This directory will become a shared network directory af	er the installation process.	Override Configuration F
or 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	

**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.

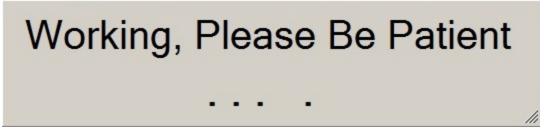


- Adjust the Server Name field if your accounting system database is on another server. NOTE The server name will default to the last server used. This may not be the right server for the content pack being deployed.
- c. Adjust the **Database Name** field to point to your accounting system database. 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:
C 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	<u>×</u>
Administration Path	
Network share where your license file is stored.	
Validate License	
Validate License	
Configure Users	
	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 🛛 🖓 C	ontent Installer
	Relevant Information
Automatic Install Manual Install Stages Install Report Server Create Report Server User Run Script Files	<ul> <li>Reporting Server Found</li> <li>Reporting Server User Found</li> <li>Scripts Have Been Run</li> <li>DataSet Content Found</li> <li>MetaData Content Found</li> </ul>
Deploy Data Set Content Deploy MetaData Content Deploy Function Content Admin Tool Config Tool	<ul> <li>Function Content Found</li> <li>Users Have Been Added by Admin Tool</li> <li>Settings Have Been Configured by Config Tool</li> </ul>
Exit	5

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

### Step 6: 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. Add a record in the CRYSTAL\_USER\_COMPANY table of the EAS database for each user's Windows login id and the company to which they **should** have access.

🛅 Results 🚺 Messages			
	USER_ID	COMPANY_CODE	
1	Idavis	PC1	
2	Idavis	LIFE1	
3	linda	PC1	
4	linda	LIFE1	
	-		

Use the following script to insert new records into the CRYSTAL\_USER\_COMPANY table in the EAS database. Adjust the script to provide the EAS database name, the user's Windows login id for the **userid** value and the company code to which they should be given access.

```
INSERT INTO [EAS_Database_Name].[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.
- 3. Open the file named "BizNetWCFServiceHost.exe.config" with Notepad.
- Locate the SecurityTableConnection entry in the <connectionStrings> section and configure the connection string to point to the database that contains the CRYSTAL\_ USER\_COMPANY table.



```
connectionString="user id=user_
name;password=password;Initial Catalog=database_name;Data
Source=server name;" />
```

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

- 6. Save the change and close Notepad.
- 7. Restart the caching service.
- 8. If a user tries to retrieve data for a company to which they have not been given rights, the BizInsight functions will return #SECURITY.

<b>&gt;&gt;</b>		А	В	С	D
	1				
	2		Company	HLTH1	
	3		Year	2003	
	4		Period	03	
	5		Account	1001-CASH1	
	6		Basis	CASH	
	7				
ght	8			#SECURITY	
lgi	9				

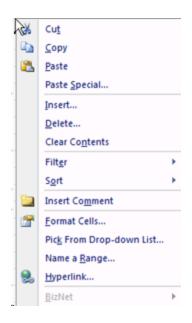
# Installation Activities for Client Workstation(s)

Step 1: Install BizInsight	70
Installing BizInsight for the Non-Administrative User	80
Step 2: Configure BizInsight	82
Step 3: Verify the BizInsight Installation	

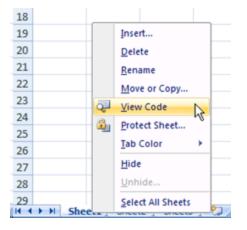
## Step 1: Install BizInsight

**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.
- 2. 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.



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

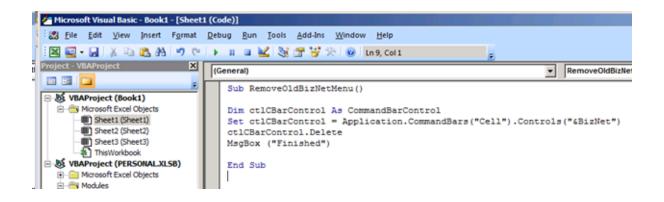


Sub RemoveOldBizNetMenu()

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

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

End Sub



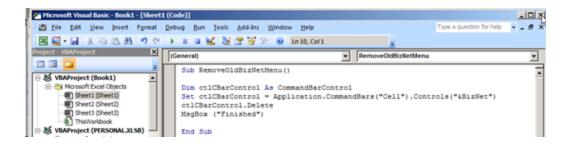
e. Click on the Run Sub button to run the macro.

	者 Mi	icroso	ft Visu	ial Basic	- Book1	- [Sheet	1 (Code)]			
٢Ì	: 👏	<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	<u>I</u> nsert	F <u>o</u> rmat	<u>D</u> ebug	<u>R</u> un	Tools	<u>A</u> dd-I
7		-		ХÞ	B #	5 (1	<b>I</b>		2 😻	🖀 🚼
1	Proje	ct - Vi	BAProj	ject		×	(Gener	ral)		
	E	-8 (				Ŧ	Run	Sub/Us	erForm (	F5)

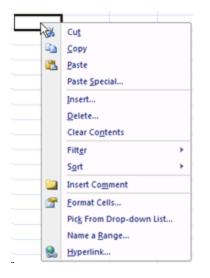
f. Click **OK** when the Finished message is displayed.



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** for the Excel version that is installed on the client workstation.
- 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**.

🐞 ann na Kannanii Setup 💌
For the following components:
Microsoft .NET Framework 4 (x86 and x64)
J 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 OPERATING
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.



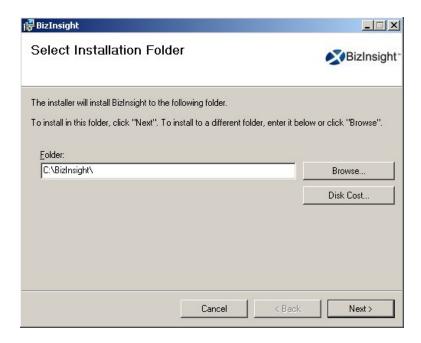
9. The Welcome dialog will open. Click **Next** to continue.



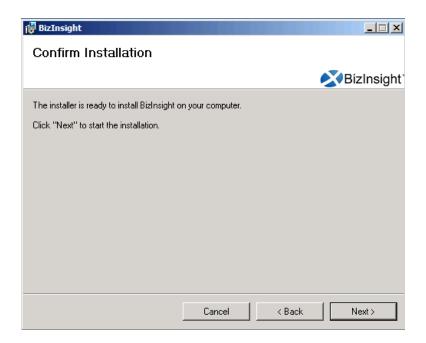
10. The **License Agreement** dialog will open. Read through the agreement and if you agree with the terms, click the **I agree** radio button and then click **Next**.

End-User License Please read the fo	e Agreement llowing license agreement carefully	BizNetsoftwa
8.		- Diznetoliwa
En	d User License Agı	reement
CAREFULLY THE BOTTO USING THE S THE TERMS AND YOU	ALL USERS: PLEASE REAL BY CLICKING THE "I A M OF THIS PAGE OR BY SOFTWARE, YOU AGREE AND CONDITIONS OF AGREE THAT THIS	GREE" BUTTON AT INSTALLING AND TO ACCEPT ALL OF THIS AGREEMENT AGREEMENT IS
ENEODCEAD	TE AC TE IT LIAD DEENI C	SIGNED DV VOLL IE

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



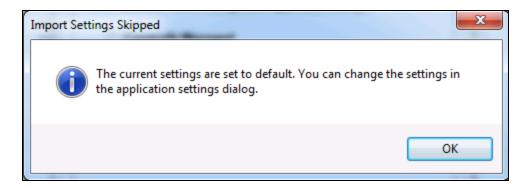
12. Click Next at the Confirm Installation dialog.



13. 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**.

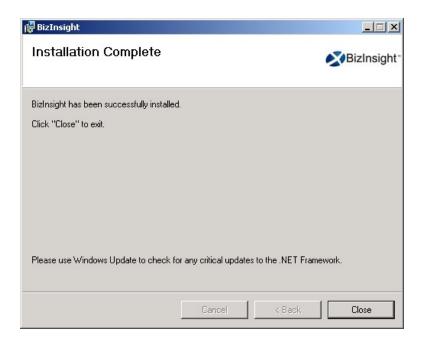


14. If the Centrally Managed option was selected, click the Browse button and browse to the Configuration Path shared directory.

ø	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.
	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.
- 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.

Registry	/ Editor		
<u> </u>	Adding information can unintentionally change or delete values an correctly. If you do not trust the source of this information in Exc not add it to the registry.		
	Are you sure you want to continue?		
		Yes	No

RegSvr:	32
1	DllRegisterServer in\bin5\adxloader.dll succeeded.
	ОК

**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.



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:

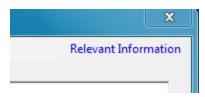
/ Re	egister BizInsight for Excel 2013 OnDemand.bat - Notepad	
File	Edit Format View Help	
de1 de1	edit.exe <mark>C:\BizInsight\</mark> Excel2013_UNregister.reg %userprofile%\AppData\Local\Microsoft\Office\Excel15.CUSTOMUI %userprofile%\Local settings\Application Data\Microsoft\Office\Excel15.CUSTOMU oin5\adxregistrator.exe /unstall="BizInsightxL.dll" /privileges=user oin5\adxregistrator.exe /install="BizInsightxL.dll" /privileges=user edit.exe <mark>C:\BizInsight\</mark> Excel2013_register_OnDemand.reg	1

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

# Step 2: 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	
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>
Sql Server MetaData Database and Instance Name:	SERVER2008R2
Packaged with Content Packager Vers	sion 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.

User Managed Settings Steps (blue background)

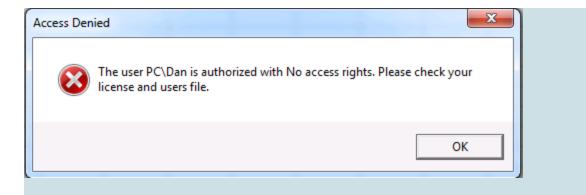
3. If you receive the following dialog, click Skip.



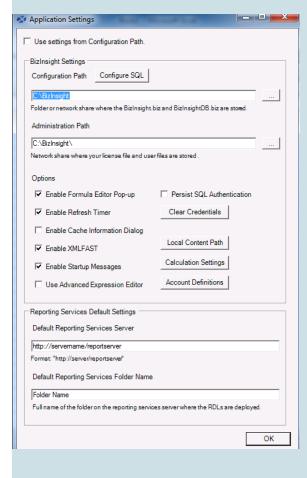
Click **OK** to the next message regarding the use of default settings.

Import Settings Skipped	x
The current settings are set to default. You can change the settings in the application settings dialog.	n
0	ĸ

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 116.



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
Folder or network share where the BizInsight.biz and BizInsightDB.biz are stored.
Administration Path
C:\BizInsight\
Network share where your license file and user files are stored .
Options
Enable Formula Editor Pop-up     Persist SQL Authentication (Session Only)     Enable Startup Messages
Enable Refresh Timer     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	
Enable Formula Editor Pop-up	nly)
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:\BizInsight is suggested.

Cverride			
Local Content Path			
\\dcserver\UserProfiles\linda			
Jserfolder on this machine where conter	nt can be stored.		
		ОК	
Re-directed	profile directory		
Re-directed	profile directory		
	profile directory		×
	profile directory		×
stablish Local Content Path	profile directory		×
stablish Local Content Path	profile directory		×
Re-directed  stablish Local Content Path  Override Local Content Path  c:\BizInsight	profile directory		×
stablish Local Content Path ✓ Override Local Content Path			×

#### 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.

Application Settings	
BizInsight Settings	
Configuration Path Configure SQL	
Folder or network share where the BizInsight.biz and BizInsightDB.biz are stored.	
Administration Path	

 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.

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 BizInsightDB
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.



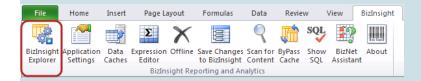
Click **OK** and enter a valid SQL login and password with appropriate rights to the SQL MetaData databases. Click **OK**.

SQL Server MetaData Connection	×
☑ Use SQL Server for MetaData	
✓ Use SQL Authentication	
Username bizuser	
Password ******	
Database server and instance	
amin.ma.2003	-
SQL connection information for BizInsight database Database instance name not required if using default	s
OK	

**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 BizInsight Explorer button to load the Navigation Pane.



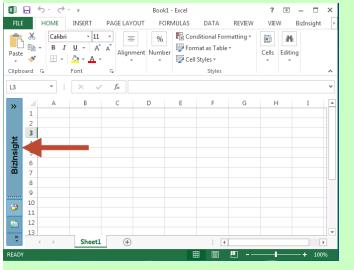
7. Skip to the next white background step.

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.	
•	OK	

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 31) 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 116.

Access Der	nied	X
8	The user PC\Dan is authorized with No access rights. Please license and users file.	check your
		ОК

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

## Step 3: Verify the BizInsight Installation

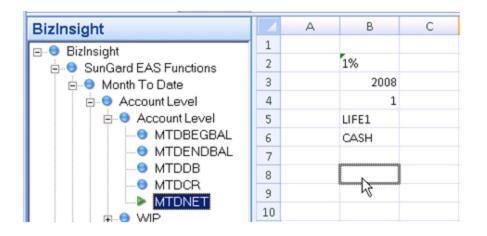
You must create or refresh an existing report to verify the BizInsight installation. If the user just installed is a Viewer or Drilldown user, you must verify the installation by refreshing a report that has already been created by a Designer user. Locate an existing report, open it in Excel and right-click 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



 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.

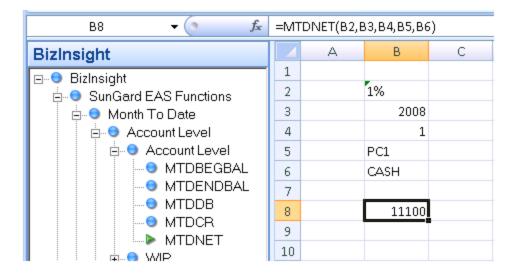
BizInsight		А	В	С
⊡● BizInsight	1			
SunGard EAS Functions	2		1%	
- O Month To Date	3		2008	
- Account Level	4		1	
Account Level	5		LIFE1	
	6		CASH	
S MTDENDBAL	7			
- MTDDB	8		Γ. Ι	
MTDCR	9			
	10			

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

fx		0	
	А	В	С

- В D F G н А C F K 1 1% 2 3 2008 4 Function Arguments ? X PC1 5 6 CASH MIDNET 7 AccountRange B2 🚺 = "1%" . ,B5,A9) 8 FiscalYear B3 **5** = 2008 9 FiscalPeriod B4 **1** 10 CompanyCode B5 1 = "PC1" 11 Basis A9 . = 0 12 -13 = 0 No help available. 14 15 Basis 16 17 18 Formula result = 0 19 OK Cancel Help on this function 20 21
- 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.



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 doc-umentation** option in BizNet Assistant. Once at the online documentation site, click on the link to the BizNet knowledge base.

BizNet softw	are*
🗄 Contents 🔲 Index	$\Theta \equiv \Lambda$
Welcome User Guide User Guide - BizInsight for Sungard	Welcome to BizNet Software's Online Help
Ser Guide - Bizinsigin for Sungaru	This site provides the user guide for the BizInsight product. The User Guide is for all BizInsig BizInsight users using the Sungard EAS accounting system, use the User Guide - BizInsight f
	To troubleshoot an issue, please vist our <u>Knowledge Base</u> .
	<b>NOTE</b> 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.

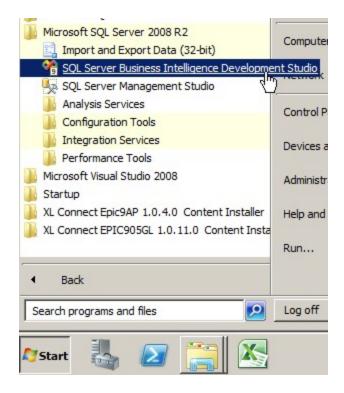
# Appendices

Manually Deploying Content Reporting Services Reports	97
Manually Installing BizContent Add-ins	104
OptimizeCache Adjustments	
Assign BizInsight Security to Users	116
Content Installer Manual Install Steps	124
Install Report Server	
Create Report Server User	132
Deploy Data Set Content	133
Deploy MetaData Content	136
Deploy Function Content	141
Administration Tool	142
Config Tool	148
Relevant Information	155
Re-Create Custom Objects	
Retrieving Custom Properties	158

### Manually Deploying Content Reporting Services Reports

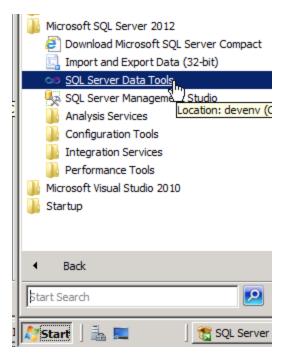
If the content installer does not detect your existing reporting services installation, it may be necessary to manually deploy the reporting services reports.

- 1. Run the content installer setup.exe to lay down the content files.
- 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.



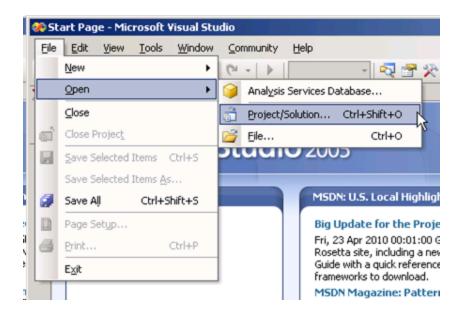
### or Microsoft SQL Server 2012 > SQL Server Data Tools

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

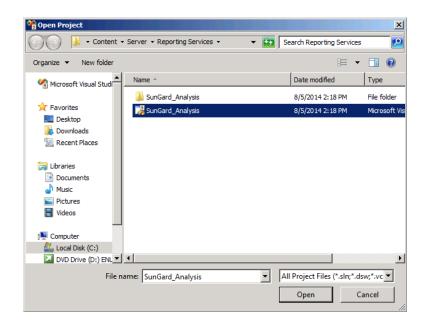


**IMPORTANT** If your server operating system is Windows Server 2008 or higher and User Account Control is enabled, Ctrl+Shift+Right-click on SQL Server Business Intelligence Development Studio (or SQL Server Data Tools) and choose "Run as administrator".

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**.

Solution Explorer	+ 4 ×
🛐 SunGard_Analysis	
🚊 🗁 🗁 Shared Data Sources	
📖 🧕 SunGardAnalysis.rds	
🚞 Shared Datasets 📑 Open	N
🖻 🗠 🦢 Reports	NS PRIME
ACCOUNT LEVEL AC	e From Project

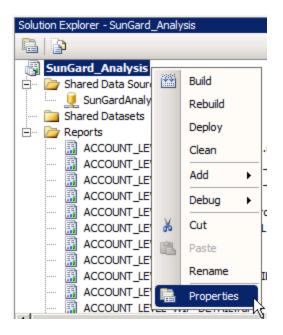
6. Click on Edit.

Shared Data Source Pro	perties	×
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

 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:     leas	
Attach a database file:	
	Browse
Logical name:	21211220
	Advanced
Test Connection OK	Cancel

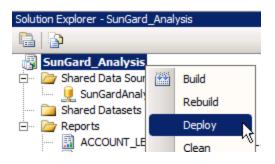
8. In the Solution Explorer, right-click on the top level and choose **Properties**.



 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.

SunGard_Analysis Property Pages		? ×
Configuration: Active(DebugLocal)	Platform: N/A	Configuration Manager
Configuration Properties	🗆 Build	
General		2
		bin\DebugLocal
	Debug	
	StartItem	
	Deployment	
		False
		False
	TargetDatasetFolder	
		Data Sources
	TargetReportFolder	Sungard Analysis
	TargetReportPartFolder	
	TargetServerURL	://server2008r2/reportserver_biznet
	TargetServerVersion	SQL Server 2008
	Target Server URL	
	For a report server running in native mod	
	where the project is deployed, for examp	le, http:// <servemame>/reportserver. F</servemame>
		OK Cancel Apply

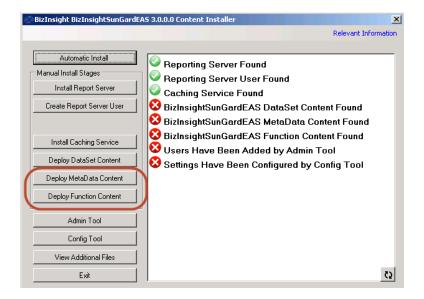
10. Right-click on the top level in the Solution Explorer and choose **Deploy**.



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



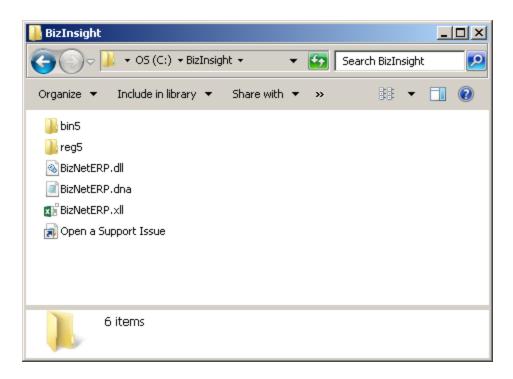
12. Run the **Deploy MetaDataContent** and **Deploy Function Content** options in the Manual Install Steps section to complete the content pack installation.



### 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:

 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:

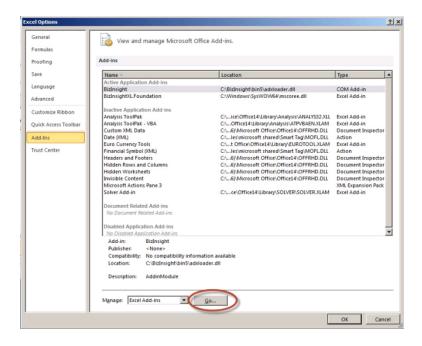
Office 2010/2013 steps Excel 2007 steps Excel 2003 steps

### Excel 2010/2013

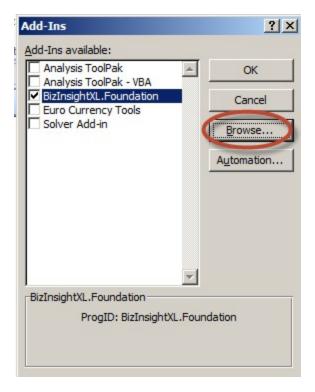
1. Click on File > Options.

X   , = =) + (= +   =		
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**.

K Browse				×
() → () → Cor	mputer 🝷 Local Disk (C:) 🝷 BizInsight	• • 🛃	Search BizInsight	2
Organize 🔻 New fo	lder		:== -	
X 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 🕕 Downloads	BizNetERP		2/2/2012 11:19 AM	Microsoft E
Recent Places	🔊 Open a Support Issue		5/9/2013 12:32 AM	Internet Sh
Libraries Documents Music Pictures Videos				
🖳 Computer				
🚢 Local Disk (C:)	<b>T</b>			
	File name: BizNetERP	▼ Tools ▼	Add-Ins	 Cancel

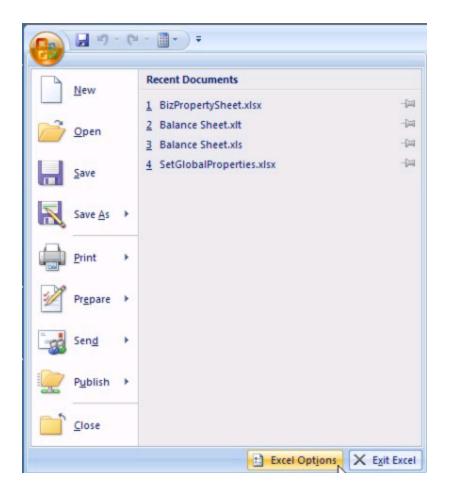
The Add-ins dialog should now look like the following:

Add-Ins	? ×
Add-Ins available:	
Analysis ToolPak	<u>∧</u> OK
<ul> <li>BizInsightXL.Foundation</li> <li>BizNetERP</li> </ul>	Cancel
Euro Currency Tools	Browse
	Automation
	<b>7</b>
BizInsightXL.Foundation	
ProgID: BizInsightXL.	Foundation

4. Click **OK**.

### Excel 2007

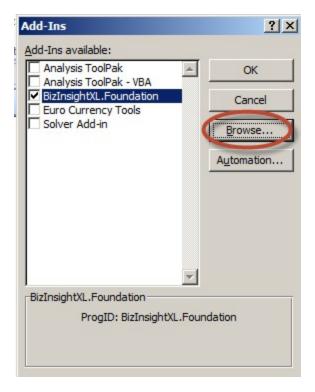
1. Click on the **Office** button and then click on the **Excel Options** button.



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

ormulas	View and manage Microsoft		
oofing	Add-ins		
we	Name -	Location	Туре
	Active Application Add-ins		
nguage	BizInsight	C:\BizInsight\bin5\adxloader.dll	COM Add-in
lvanced	BizInsightXLFoundation	C:\Windows\SysWOW64\mscoree.dll	Excel Add-in
istomize Ribbon	Inactive Application Add-ins		
Stomet root of	Analysis ToolPak	C:\ice\Office14\Library\Analysis\ANALYS32.XLL	Excel Add-in
ick Access Toolbar	Analysis ToolPak - VBA	C:\Office14\Library\Analysis\ATPVBAEN.XLAM	Excel Add-in
	Custom XML Data	C:\6]\Microsoft Office\Office14\OFFRHD.DLL	Document Inspector
d-Ins	Date (XML)	C:\les\microsoft shared\Smart Tag\MOFL.DLL	Action
	Euro Currency Tools	C:\t Office\Office14\Library\EUROTOOL.XLAM	Excel Add-in
ist Center	Financial Symbol (XML)	C:\les\microsoft shared\Smart Tag\MOFL.DLL	Action
	Headers and Footers	C:\6]\Microsoft Office\Office14\OFFRHD.DLL	Document Inspector
	Hidden Rows and Columns	C:\6]\Microsoft Office\Office14\OFFRHD.DLL	Document Inspector
	Hidden Worksheets	C:\6]\Microsoft Office\Office14\OFFRHD.DLL	Document Inspector
	Invisible Content	C:\6]\Microsoft Office\Office14\OFFRHD.DLL	Document Inspector
	Microsoft Actions Pane 3		XML Expansion Pack
	Solver Add-in	C:\ce\Office14\Library\SOLVER\SOLVER.XLAM	Excel Add-in
	Document Related Add-ins		
	No Document Related Add-ins		
	Disabled Application Add-ins		
	No Disabled Application Add-ins		
	Add-in: BizInsight		
	Publisher: <none></none>		
	Compatibility: No compatibility inf	ormation available	
	Location: C:\BizInsight\bin5\a	dxloader.dll	
	Description: AddinModule		
	Manage: Excel Add-ins	Go	

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**.

→ O → I → Comt	puter 🔻 Local Disk (C:) 🔻 BizInsi	ght 🕶 👻 🚱	Search BizInsight	2
organize 🔻 New fold	ler		8== -	
X Microsoft Excel	Name *		Date modified	Туре
	in5		8/17/2013 11:50 AM	File folder
A Favorites	🐌 reg5		8/17/2013 11:50 AM	File folder
Desktop	BizNetERP		2/2/2012 11:19 AM	Microsoft I
🗼 Downloads 🗐 Recent Places	Open a Support Iss	ue	5/9/2013 12:32 AM	Internet S
<ul> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> </ul>				
🖳 Computer				
💒 Local Disk (C:)				
			Add-Ins	
,	File name: BizNetERP		Add-Ins	<u> </u>

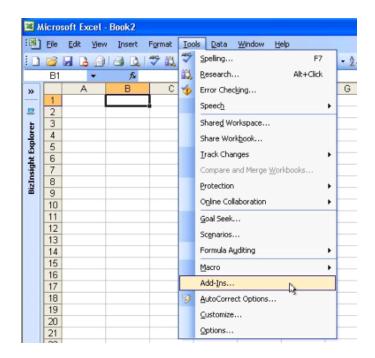
The Add-ins dialog should now look like the following:

Add-Ins		? ×
Add-Ins available:		
Analysis ToolPak Analysis ToolPak - VBA	-	OK
<ul> <li>BizInsightXL.Foundation</li> <li>BizNetERP</li> </ul>		Cancel
Euro Currency Tools		Browse
		Automation
Distanish WI Foundation	~	
BizInsightXL.Foundation ProgID: BizInsightXL	.Four	ndation

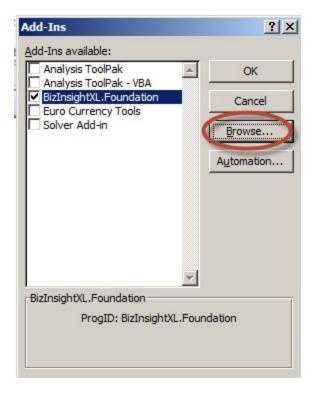
5. Click **OK**.

#### **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**.

K Browse				×
() → () → Cor	mputer 🝷 Local Disk (C:) 🝷 BizInsight	• • 🛃	Search BizInsight	2
Organize 🔻 New fo	lder		:== -	
X 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 🕕 Downloads	BizNetERP		2/2/2012 11:19 AM	Microsoft E
Recent Places	🔊 Open a Support Issue		5/9/2013 12:32 AM	Internet Sh
Libraries Documents Music Pictures Videos				
🖳 Computer				
🚢 Local Disk (C:)	<b>T</b>			
	File name: BizNetERP	▼ Tools ▼	Add-Ins	 Cancel

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

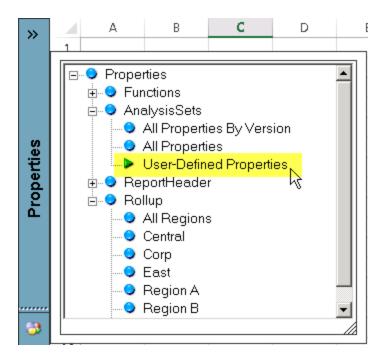
Add-Ins	? ×
Add-Ins available:	
Analysis ToolPak	<u>∧</u> OK
<ul> <li>BizInsightXL.Foundation</li> <li>BizNetERP</li> </ul>	Cancel
Euro Currency Tools	Browse
	Automation
	<b>7</b>
BizInsightXL.Foundation	
ProgID: BizInsightXL.	Foundation

4. Click **OK**.

### **OptimizeCache Adjustments**

Most content packs come with special BizProperty settings named OptimizeCache. These properties establish what column to index for each in memory data cache and are essential for optimal report refresh times. We strive to design our content packs for the majority of customers. Given the flexibility provided by many accounting systems regarding account mask design, the differences in accounting system usage from customer to customer as well as individual report design differences, the default configuration may not be optimal for all customers and thus may need to be tuned for your specific use of your accounting system. As an example, we might optimize on Segment1 with the expectation that the natural account is in Segment1. Customers for whom their natural is not in Segment1 will need to adjust their OptimizeCache properties for the appropriate location of their natural account in their account masks.

Use the **User-Defined Properties** analysis set on the Properties menu to list any OptimizeCache properties that may exist for your implementation. For information on how to access the User-Defined Properties analysis set, see the section titled "Navigation Pane" in the User Guide.



If you feel you need to tune your BizInsight implementation, please refer to the document titled "*Report Performance Guide*" for instructions on how to optimize your in-memory caches.

### 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:

 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 doubleclick 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 122.

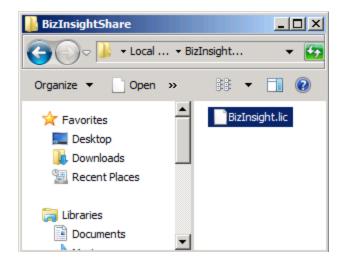
2. Click on the **Admin Tool** button.

🔆 BizInsight Cor	itent Installer	×
	Relevant Information	on
Automatic Install Manual Install Stages Install Report Server Create Report Server User Run Script Files Deploy DataSet Content Deploy MetaData Content Deploy Function Content Admin Tool Config Tool	<ul> <li>Reporting Server Found</li> <li>Reporting Server User Found</li> <li>Scripts Have Been Run</li> <li>DataSet Content Found</li> <li>MetaData Content Found</li> <li>Function Content Found</li> <li>Users Have Been Added by Admin Tool</li> <li>Settings Have Been Configured by Config Tool</li> </ul>	-
	_	
Exit	<u> </u>	2

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

License Administration Tool - SERVER2008R2\linda	
Administration Path	-0
Network share where your license file is stored.	

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	
	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 <b>\al</b> bert	
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

 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		
Users		
domain∖linda		
domain\albert		
domain \marilyn		
domain\frank		
	domain\inda domain\albert domain\marilyn	

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 Use	ers		
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**.

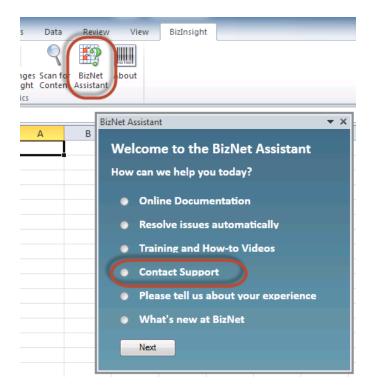
Configuration Confirmation		
Users must also be given additional folder permissions. Would you like to do this now?	permissions and Re	eport Server
	Yes	No

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.



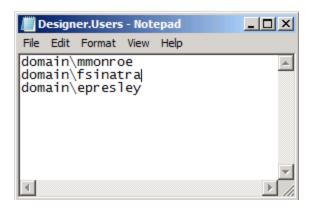
When you receive your new license, move your old license from the Administration Path shared directory and save the new license there. Do not rename the old license and leave it in the Administration Path; it must be removed from the directory in order for the new license count to take effect.

# **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.

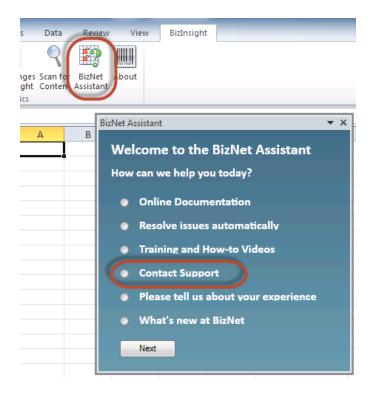
**IMPORTANT** As you add Windows account names to the .users files, add only as many as you have licenses. If you add more Windows account names than you have licenses or you have an extra line return in the file, users will get an error message similar to the following when they open Excel after BizInsight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

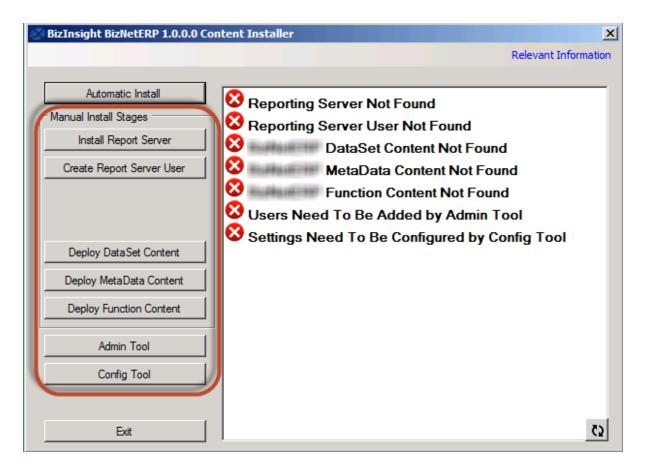
To purchase additional licenses, use the BizNet Assistant button to open a support ticket indicating that you need to purchase additional licenses.



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	
Deploy Function Content	
Administration Tool	
Config Tool	

Relevant Information	;!	5	5	
----------------------	----	---	---	--

# **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 2005, 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 133.

Reporting Services Configu	ration Connection	×
SQL Server Reporting Serv	"2008 R2 ices	
Please specify a server nam instance to configure.	e, click the Find button, and select a r	report server
Server Name:	SERVER2008R2	Find
Report Server Instance:	BIZNET	•
0		Connect 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 Admi Your installation of SQL Server Reportir 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.

Select	Sql Server
Sql S	erver has been detected as already installed on you computer.
C	ick here to start a side by side install of Sql Sever 2008 R2 Express. (Recommended)
	nstance Name:MSSQLSERVER, Sql Server 2008 R2, 32Bit
	Click here to use a currently installed Sql Server that you have checked above.
	Click here to override and enter your Sql Server information
	Click here to cancel install.

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. It is especially recommended when your existing SQL Server is version 2005. <b>BizNet Software Support</b> <b>will not assist with implementing Reporting Services 2005</b> .
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.	
	Override       Enter the following information       Sql Server/Report Server Installation Instance Name       Reporting Services Port:       80       Reporting Services Protocol       HTTP       Ok   Cancel	

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         Image: Server Se
	Test Report Server Connection           Override Report Server Install           Cancel
	In the <b>Connection String for SQL Server</b> field, enter a valid connection string for the SQL Server instance to which the Content Installer should install the SQL MetaData databases. Use the <b>Windows Authentication Example</b> or the <b>SQL Server</b> <b>Authentication Example</b> buttons to populate the connection string with sample syntax. Be sure to change the values to values valid for your environment.
	In the <b>Web URL for Report Server</b> field, enter the <b>web service</b> <b>URL</b> 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	
$\label{eq:save to: C:UsersVindaAppDataLocalTempTempWorkingAreaSQLEXPRADV_x86\_ENU.exe} Save to: C:UsersVindaAppDataLocalTempTempWorkingAreaSQLEXPRADV_x86\_ENU.exe$	
File size:	
	Cancel
Please wait while your download starts	

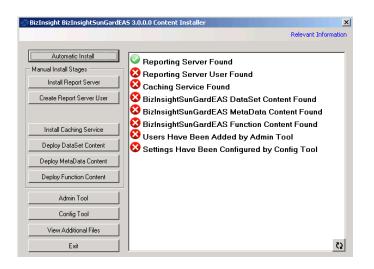
**IMPORTANT** IF an existing reporting services installation that you want to use is not detected by the installer or you are not able to use the Override option, contact BizNet Software Support for assistance.

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



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.



# **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 Serve Home	er Re	porting Services	
🗙 Delete 🕕 🎥 New Role Assignment			
Security		Group or User 🕹	Role(s)
		Edit BUILTINVAdministrators	Content Manager
		Edit SERVER2008R2\adminuser	Content Manager
	2		

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

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

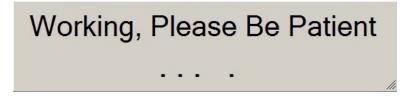
c. Adjust the **Database Name** field to point to your accounting system database. If your accounting software uses a system or control database, provide the name of that database rather than a company database name.

Overwrite Datasources	Data Source Name: BizNetERP
	Server Name:
<ul> <li>Overwrite Reports</li> </ul>	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.

Overwrite Datasources	BizNetERP		
	Server Name:		
<ul> <li>Overwrite Reports</li> </ul>	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	oyed successfully. Iat 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=%2/BizNetERPViewMode=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.

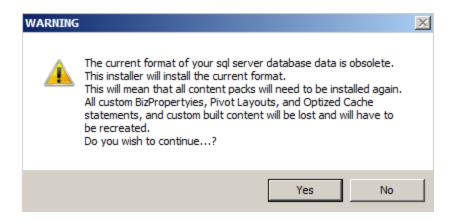
When prompted, browse to the shared directory and click **OK**.

Pre Installation Question		
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	Car	ncel

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.

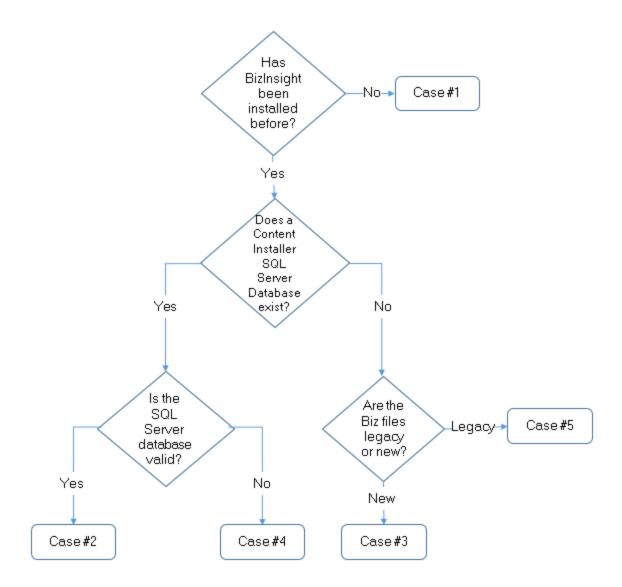
#### **Merging MetaData Scenarios**

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 156 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 readded 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.

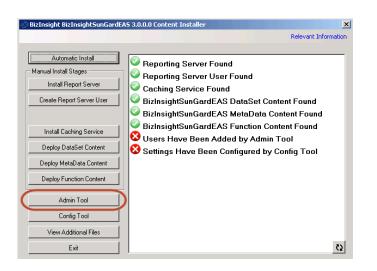
P	e Installation Question		
	Please choose a directory location for the Configuration Path:	C:\BizInsightShare\Config	Browse
	This directory will become a shared network directory after the	installation process.	Override Configuration Path
_	For Technical Use Only		
	Currently installing to Sql Server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

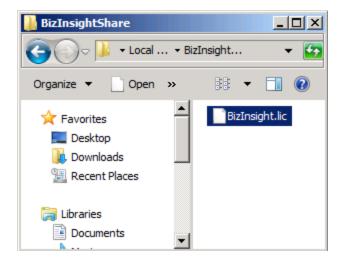
1. Click on the **Admin Tool** button.



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 Configure Users			
	Add Row	Delete Row	Commit Changes

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 Configuration	nPath		×
Share Permissions			
Group or user names:			
Iinda (SERVER2008R2\inda Albert Einstein (SERVER2008)			
Marilyn Monroe (SERVER200			
👗 Frank Sinatra (SERVER2008	R2\frank)		
	Add	Remove	
Permissions for linda	Allow	Deny	
Full Control	V		
Change Read	N N		
Leam about access control and permissions			1
		1 (met)	
ОК	Cancel	Apply	

Config Properties			X
General Sharing Security Pr	revious Versions	Customize	1
Object name: C:\XLConnect	Share\Config		
Group or user names:			
linda (SERVER2008R2\lin	(da)		
Albert Einstein (SERVER2			
Marilyn Monroe (SERVER)			
Rrank Sinatra (SERVER20			_
<b>   </b>			
To change permissions, click E	dit.	Edit	
Permissions for Albert Einstein	Allov	v Deny	
Full control			
Modify	~		
Read & execute	~		
List folder contents	~		
Read	~		
Write	~		-
For special permissions or advar	nced settings,	Advance	ed
click Advanced.			
Learn about access control and permissions			
ОК	Canc	el 🛛 🗚	.pply
OK	Canc	el A	pply

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

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

Configuration Tool	
eneral User Experience Performance Security	
Show Large Filters	
C Display expressions longer 255 characters in a cell above the Analysis Set List	
<ul> <li>Don't display expressions longer 255 characters in a cell above the Analysis Set List</li> </ul>	
Refresh Timer	
Tell me how long it took to refresh the report and how many times the engine was called.	
$^{ m C}$ Don't tell me how long it took to refresh the report and how many times the engine was called	
Caching Window	
O Show each data execution and it's parameters in a pop-up window	
<ul> <li>Don't show each data execution and it's parameters in a pop-up window</li> </ul>	
Formula Editor Popup	
Display formula editor pop-up when dragging and dropping a formula	
C Don't display formula editor pop-up when dragging and dropping a formula	
- Expression Editor	
Render Mode	
• Use software graphics rendering	
C Use hardware graphics rendering	
Start Up Page	
The Expression Editor will start in basic mode.	
O The Expression Editor will start in advanced mode.	

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 <b>3.8.1 Passing Parameters to Ana- lysis Set Lists</b> 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		
	<b>IMPORTANT</b> 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   FiscalVear   FiscalPeriod   S   CompanyCode   Basis     =   No help available.		
	Formula result =       Help on this function     OK     Cancel		
	<b>IMPORTANT</b> 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       Image: Security       Image: Security         Use reporting services for data execution (SLOW)       Image: Security       Image: Security         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Security Timeout       Image: Security Timeout       Image: Security Timeout         Image: Se	
Calculation Settings Calculates all worksheets in all open workbooks, regardless of volatility status 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	lity 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         SAsk only once for data server credentials until the Excel application is restarted.         SAsk for your data server credentials every time.	
Meta Database Type Authentication Windows 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 <b>Ask for your data server credentials every time</b> 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. <b>WARNING</b> 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	5 3.0.0.0 Content Installer
	Relevant Information
Automatic Install	Reporting Server Found
Manual Install Stages	
Install Report Server	Reporting Server User Found
	Caching Service Found
Create Report Server User	BizInsightSunGardEAS DataSet Content Found
	BizInsightSunGardEAS MetaData Content Found
	RizIncightSunGardEAS 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).

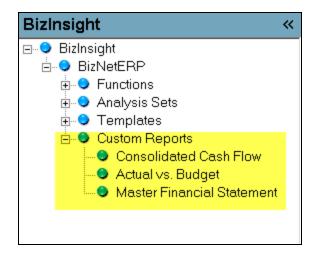
If you chose separate folders for the admin and config files, the Relevant Information dialog will look similar to the following:

### **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:

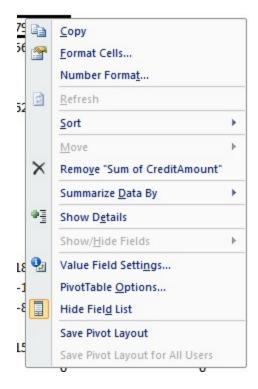


**IMPORTANT** If BizInsight 5.5 SP3 or higher is installed, the Properties menu can be used to assist in the retrieval of the following custom settings so they can be added back to the new SQL MetaData files. See "Retrieving Custom Properties" on page 158 for instructions. **NOTE** Custom Navigation 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	C = SetAcctDef.xlsx - Excel									
	PAGE	e layol	JT FORMULA	S DATA REVIEW	/ VIEW BizB	roado	cast BizIn:	sight		
ori		Ŧ	11 · A A	≡ = *	F Wrap Text		General	*	E E	
I	<u>u</u> .	•	• <u>A</u> •	≡≡≡ €€	🗮 Merge & Center	Ŧ	\$ - % *	00, 0, <b>.</b> 0, <b>€</b> 00.	Conditional Format Formatting - Table	
		Font	G.	Alignm	ent	Fa	Number	5	Styles	-
	$\times$	~	$f_x$							
		А	В		С			D		Е
1										
2			PropertyNam	e PropertyValue		Se	etAcctDef			
3			All Regions	[((Segment2IN ('0	0', 10, 20, 30, 40) )	)] [(	((Segment2 I	N ('00', 10	), 20, 30, 40) ))]	
4			Corp	[((Segment2 = '00'	))]	[(	((Segment2:	= '00' ))]		
5			Region A	[((Segment2IN (1	0, 30) ))]	[(	((Segment2 I	N (10, 30)	))]	
6			East	[((Segment2 = 10	))]	[(	((Segment2 :	= 10 ))]		
7			Central	[((Segment2 = 30	))]	[(	((Segment2 :	= 30 ))]		
8			Region B	[((Segment2 IN (2)	0,40)))]	[(	((Segment2	N (20, 40)	))]	
9			West	[((Segment2 = 20)	))]	[(	((Segment2 :	= 20 ))]		
1(	)									

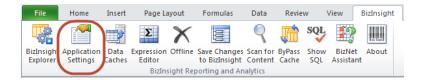
• **Custom pivot layouts**. Custom pivot layouts are created using the Save Pivot Layout option on the BizInsight right-click menu when a BizInsight created pivot layout is right-clicked.



# **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.



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

2	Application Setting	IS	
I	Use settings from C	onfiguration 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.

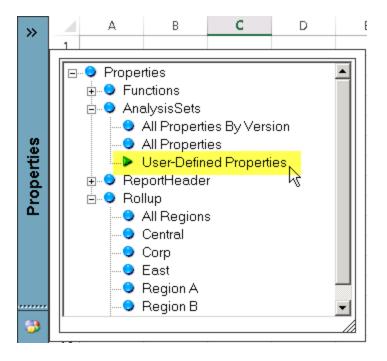
SQL Server MetaData Connection
✓ Use SQL Server for MetaData
Use SQL Authentication
Username
Password
Database server and instance
SERVER2003\BIZNET
SQL connection information for BizInsight databases Database instance name not required if using default
Use custom MetaData databases
BizInsight Databases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



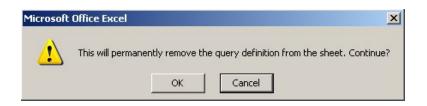
9. Right-click on the analysis set and choose **Data Range Properties**.

PropertyName	PropertyV	ersic	in	
OptimizeCache	ARInvoice			
OptimizeCache	Balances_/	፠	Cu <u>t</u>	
OptimizeCache	Balances_/	Ē	<u>С</u> ору	
OptimizeCache	BudgetInf	Ĉ	Paste Options:	
OptimizeCache	Transactio		<b>*</b>	
PivotLayout	Accounts/			
PivotLayout	AP1099/De		Paste <u>S</u> pecial	
PivotLayout	APCheckD		Insert	
PivotLayout	APChecks,		<u>D</u> elete	
PivotLayout	APInvoice		 Clear Co <u>n</u> tents	
PivotLayout	APInvoice	-		
PivotLayout	APInvoice	乭	<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	<b>B</b>	<u>E</u> dit Query	
PivotLayout	Balance_Ir	=	Data Range Properties	
PivotLayout	Balances_/	_	Developeration R	5
Divotlavout	Palancos	[ <u>[</u> ?]	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
C Save guery 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 field names
☐ 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 rows for new data, clear unused cells
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.

A4		<b>•</b> :	$\times \checkmark f_{\lambda}$	=SetAcctDef()
»		A	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.

*	$\times \checkmark f_x$ =SetAcctDef(B4,C4,D4,E4)	
A	ВС	
1		
2	PropertyName PropertyVersion	Prope
4 I,D4,E4)		NetAr
5	Function Arguments	NetAr
6	SetActDef	NetAr
7	PropertyName B4 S = "OptimizeCache"	NetAr
8		NetAr
9	PropertyVersion C4 ARInvoiceInvDateAll"	;accou
10	PropertyValue D4 🔣 = "NetAmount;MainAccountCode"	;;Sum
11	PropertyUserID E4 💽 = "All"	Value
12	= "NetAmount;MainAccountCode"	;;Sum
13	No help available.	;;Sum
14	PropertyUserID	Value
15		Value
16		Value
17	Formula result = NetAmount:MainAccountCode	Value
18		Value
19	Help on this function OK Cancel	Value
20	PivotLayout ARInvoiceDetail_WarehouseCode/Default	Value

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

	A	В	
<b>1</b>			
<b>t</b> <sub>2</sub>			
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	Pivotl avout	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	ame PropertyVersion	
#OFFLINE	Optimized	Cacha ARIavaicalavDataAll	
#OFFLINE	Optim 💑	Cu <u>t</u>	
#OFFLINE	Optim 🗎	<u>С</u> ору	
#OFFLINE	Optim 💼	Paste Options:	
#OFFLINE	Optim	<u></u>	
#OFFLINE	PivotL		
#OFFLINE	PivotL	Paste <u>S</u> pecial	
#OFFLINE	PivotL	Insert	t
#OFFLINE	PivotL	Delete	
#OFFLINE	PivotL		ılt
#OFFLINE	PivotL		
#OFFLINE	Pivotl 🚝	<u>Q</u> uick Analysis	·/Dε
#OFFLINE	PivotL	Filt <u>e</u> r ▶	
#OFFLINE	PivotL	S <u>o</u> rt ▶	me
#OFFLINE	Pivotl 🏠	 Incert Comment	:ang
#OFFLINE	Pivotl 🖵		Cod
#OFFLINE	PivotL	Sh <u>o</u> w/Hide Comments	hοι
#OFFLINE	Pivotl 📰	<u>F</u> ormat Cells	)efa
#OFFLINE	PivotL	Pic <u>k</u> From Drop-down List	Acc
#OFFLINE	PivotL		nts,
#OFFLINE	Pivotl 👝	-	
#OFFLINE	Pivotl 🕾	Hyperl <u>i</u> nk	
#OFFLINE	PivotL	BizNet Refresh	61GI
#OFFLINE	Pivotl	BizNet DrillDown	G