

Using SQL Reporting Services with Amicus

Applies to: Amicus Attorney (with or without Amicus Billing)

With Microsoft SQL Server Reporting Services, use Report Builder to generate and author easy-to-use interactive reports. Amicus Billing utilizes SQL Server Reporting Services for both Billing Reports and Billing Templates.

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About SQL Server Reporting Services

Amicus Attorney supports **SQL Server Reporting Services**. This Microsoft server-based report generation system is available as an install option in SQL Server. Amicus users can generate and author easy-to-use *interactive* reports!

Amicus Attorney utilizes SQL Server Reporting Services for Advanced Reports, the Chronology and Shared to Clients views of a File, and the chart in the Statistics view of Time Sheets.

Amicus Billing utilizes these Services for both Billing Reports and Billing Templates.

Reports can be created and edited with **Report Builder** (available as a free download from Microsoft). Report Builder is an authoring tool with Office-like functions—users will instinctively be able to use the formatting functions from the familiar Ribbon. Fields can be added simply via drag-and-drop from the Report Data pane to the design surface.

What you need

To run Reports and Billing Templates*:

- Installed on the Amicus Attorney Application Server:
 - Amicus Attorney Server
- Installed and configured on the Amicus Attorney Database Server:
 - Microsoft SQL Server Reporting Services

* Throughout this Guide, "Templates" refers to Bill and Reminder Statement Templates, applicable to Amicus Billing.

Additional requirements to edit Reports:

For each Firm Member who wishes to edit or author SQL Reports:

- Installed on their workstation:
 - Amicus Attorney Workstation
 - Microsoft SQL Server Report Builder (version compatible with your version of SQL Server Reporting Services)
- Amicus Security rights to edit SQL Reports

Setting up SQL Server Reporting Services for use with Amicus

An Amicus Administrator must set up SQL Server Reporting Services before users can run, edit, or publish SQL Reports and Templates.

If you need assistance with any of these procedures, please contact <u>Amicus Technical Support</u> at 800-472-2289 or 416-977-6633.

Step 1 – Installing SQL Server Reporting Services

Microsoft SQL Server 2008, 2008 R2, or 2012 Reporting Services must first be installed on the Amicus Database Server for your "AMICUS" SQL instance. Instructions are included in the Appendix to this Guide.



NOTE: If your firm has performed a Runtime SQL Server 2008 R2 or 2012 install for Amicus Attorney 2011 or later, Reporting Services will likely already be installed (as these particular steps are included within the SQL Server install instructions in the appendixes to the *Install/Upgrade Guides*). Proceed to "Step 2 – Configuring SQL Server Reporting Services".

Step 2 – Configuring SQL Server Reporting Services

The procedure for Configuring SQL Server Reporting Services depends on whether your firm has an Embedded or Split Install of Amicus, and whether or not your Amicus database is in a named instance of SQL. In an Embedded Install, SQL Server is installed on the *same* computer as Amicus Attorney. In a Split Install, SQL Server is installed on a *different* computer—that is, the Amicus Application Server and the Amicus Database Server are separate computers.

Configure via Firm Settings

Use this configuration method if you have an Embedded Install of Amicus and a named instance of SQL:

1 At the Amicus Application Server, log in to Amicus.

If the Amicus Application Server has User Access Control (UAC) enabled (e.g. under Windows 8/7/Vista, or Windows Server 2012/2008), right-click on the Amicus Attorney icon and choose "Run as administrator".

2 From the Office module, choose Firm Settings and click General - Reporting Services.

| Ŵ | Firm Settings | | - | | × |
|---|---------------|--|---------|---------------------|--------|
| | General - | Reporting Services | | Ę | ŗ |
| | Follow the | se steps to make Reports designed using SQL Reporting Services available. | | | |
| | Step 1: | Install SQL Reporting Services on your Amicus SQL Instance. (Follow instru | tions i | in the <u>Guide</u> |) |
| | Step 2: | Configure SQL Reporting Services. This must be performed at the Amicus Server! (If your Amicus is a Split Install, follow the Guide.) | | Configure | ; |
| | Step 3: | Enter the Web Service URL of your SQL Server Reporting Services: | | | |
| | | http://sat:80/ReportServer_amicus Edit | | Test | |
| | Step 4: | Publish Reports. Use this command to upload reports (those provided by Am or your own custom reports). | icus, | Publish | |
| | | Last Performed: 11/21/2017 9:44:18 AM by Goran Stojanovski | | | |
| | | For more information, including how to author custom reports, refer to the Re Guide. | portir | ng Services | |
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3 Click **Configure** to automatically configure your "AMICUS" instance Reporting Services to work with your Amicus application.

4 In some cases you might be prompted to indicate the location of the Reporting Services configuration file (rsreportserver.config), typically in the following folder:

```
\Program Files\Microsoft SQL Server\MSRSxx.INSTANCE
```

```
\Reporting Services\ReportServer
```

where MSRSxx will be:

MSRS10 if you have SQL Server 2008

 $\tt MSRS10_50$ if you have SQL Server 2008 R2

MSRS11 if you have SQL Server 2012

and *INSTANCE* represents your SQL Server Instance Name for Amicus, usually AMICUS (but MSSQLSERVER by default)

- If you are at a computer that is part of a Windows Workgroup (rather than a Domain), a ConfigurationForm dialog will appear, asking for a User Name and Password. Ask your system administrator who has Windows Administrator rights to the Amicus Database Server to enter their credentials.
- **6** The process will take a few minutes and, when complete, your SSRS Web Service URL will appear in the setting dialog.

Configure manually

Use this configuration method if you have a Split Install of Amicus or do not have a named instance of SQL:

- 1 At the Amicus Database Server, go to \\AmicusServerName\Install\SQLReporting (where AmicusServerName is computer name of the Amicus Application Server) and copy ReportServerConfiguration.exe (the Configure utility) to a temporary location on the Amicus Database Server (where SQL Server is installed).
- 2 Run the utility to configure your "AMICUS" instance Reporting Services to work with the Amicus application: *if the Amicus Database Server has User Access Control (UAC) enabled (e.g. under Windows 8/7/Vista, or Windows Server 2012/2008)*, right-click on ReportServerConfiguration.exe and choose "Run as administrator". Otherwise, simply double-click the filename.
- 3 In some cases you might be prompted to indicate the location of the Reporting Services configuration file (rsreportserver.config), typically in the following folder:

\Program Files\Microsoft SQL Server\MSRSxx.INSTANCE
\Reporting Services\ReportServer

where MSRSxx will be:

MSRS10 if you have SQL Server 2008

MSRS10 50 if you have SQL Server 2008 R2

MSRS11 if you have SQL Server 2012

and *INSTANCE* represents your SQL Server Instance Name for Amicus, usually AMICUS (but MSSQLSERVER by default).

4 If you are at a computer that is part of a Windows Workgroup (rather than a Domain), a ConfigurationForm dialog will appear, asking for a User Name and Password. Ask your system administrator who has Windows Administrator rights to the Amicus Database Server to enter their credentials.

5 Log in to Amicus at any Workstation, go to the Office > Firm Settings, and click General -Reporting Services. Notice that the appropriate SSRS Web Service URL is displayed.

Step 3 – Testing the connection

Click **Test** to check the connection to your SQL Server Reporting Services Web Service URL. If the test fails, please call <u>Amicus Technical Support</u> at 800-472-2289 or 416-977-6633.



NOTE: If you reconfigure SSRS such that you need to adjust this URL (e.g. in order to use a different port than the default of 80), click Edit, change the URL as appropriate, click Save, and click Test.

Step 4 – Publishing available Reports and Billing Templates

Click **Publish** to make the SQL Reports available to Amicus users. This action deploys all Reports and Templates under the following folder to your SQL Server Reporting Services to your Amicus Server: \Amicus Attorney Server\SQLReportsTemplates

This action will be required each time new or edited Reports are to be made available.



NOTE: If a Report or Template of the same name was previously deployed, it will be redeployed only if its file date is more recent than that previous deployment date.

Setting up Firm Members to edit Reports and Billing Templates

In order to edit SQL Reports and Templates, Firm Members will need to install Report Builder—see "Authoring and publishing custom Reports" on page 10. As an Amicus Administrator, you will need to provide them with your SQL Server Reporting Services Web Service URL (shown in Step 3) as it will be required during the Report Builder installation as their Default Target Server.

The Edit function for SQL Reports and Templates is controlled by Amicus Security Profiles. Ensure that the Firm Member is assigned to a Security Profile with sufficient rights. In the Security Profile, this setting is available under Office > Action: "Ability to Edit Reports in SQL Report Builder".



TIP: We recommend that you keep a backup copy of all the standard SQL Reports and Templates provided by Amicus. Copy the SQLReportsTemplates folder to a location separate from your \Amicus folders.

Running Reports and Billing Templates

Amicus Attorney Reports

In the Amicus Office module, the Report views for Firm Member Reports and Firm Reports include Basic and Advanced sections.

| • | | | Reporta - I |
|---|--|----------------------------------|-------------|
| Calendar | Basic Reports | Advanced Reports | |
| Communications | All Events Selected File | My File Index - Specified Status | |
| Files | All Time - Selected File | My Files - Custom Pages | |
| People | My Events Selected File | My Files - Custom Records | |
| Time | My File Index - All Files | | |
| Client Portal | My File Index - Closed in Date Range | | |
| | My File Index - Opened in Date Range | | |
| | My File Index - Specified Status | | |
| | My File Summary - All Files | | |
| Basic Reports provide a snapshot of your data. | My File Summary - Closed in Date Range | | |
| Advanced Reports can be edited. | My File Summary - Opened in Date Range | | |
| Report data can be sorted, refreshed and accessed directly | My File Summary - Specified Status | | |
| from the generated Report. | My Files with Associated People (one per page) | | |
| | My Files with Associated People | | |
| | My Resp Lawyer File Assignment Index - Specif | F | |
| | My Resp Lawyer Files with People (one per pag | | |
| | My Resp Lawyer Files with People | | |
| | My Time - Selected File | | |
| | People - Selected File (Graphic) | | |
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Firm Reports, available only to Amicus Administrators, use information across the entire database. **Firm Member Reports** use only the information available to the Firm Member who runs them.

The Reports in the **Basic** section of a screen provide a static snapshot of your data that can be generated in the following formats: Excel, PDF, DOC, or RTF. However, the Report template itself cannot be edited from Amicus. (These Reports are not in SQL Report format.)

The **Advanced** section includes an assortment of SQL Reports that can be generated in a wider variety of formats including Excel, PDF, DOC, CSV, XML, TIFF, and HTML Web Archive. These Reports can also be edited directly from within Amicus—see "Authoring and publishing custom Reports" on page 10.

Amicus Billing Reports and Templates

If your firm is licensed for Amicus Billing, Billing Users may access Billing Reports, Bill Templates, Reminder Statement Templates, E-mail Cover Sheet Templates, Receipt Templates, and Check Templates from the Reports module on the Billing side of Amicus. (Receipt Templates and Check Templates are available only if those features are enabled in your Firm Settings.)



The Reports and Templates use only the information available to the Firm Member who runs them. A Billing Supervisor has access to the most information, and a Billing User without Firm Files and Contacts rights has access to less.

These are all SQL Reports and Templates that can be generated in a wide variety of formats including Excel, PDF, DOC, CSV, XML, TIFF, and HTML Web Archive. These Reports and Templates can also be edited directly from within Amicus—see "Authoring and publishing custom Reports" on page 10.

Running a Report or Billing Template

To run a Report, select it and click **Run**, or double-click it. The Generate dialog appears. Depending on the particular Report or Template, set your parameters for the data to be included if required (choose a date range, select Firm Members, etc.), and click OK.

| 🝿 Generate - File Index - S | pecified Status - Selected Firm Memb | | × | Advanced Reports |
|------------------------------|--------------------------------------|----------|--------|---|
| File Index - Spe | ecified Status - Selected Firm | Members | | File Assignment Index - Selected File Status File Index - Specified Status - Selected Firm Mer |
| File Status Firm Members: | Active | ~ | | |
| | | 🗸 ок 🚫 | Cancel | Edit |

Generated SQL Reports and Templates open in a Report Viewer that enables you to:

| \$ | Control the sort order based on the data in this column. |
|-------------|---|
| Ś | Drill down to view the actual data in Amicus. For example, in the Files Index Report you can click on a File Name field to open the corresponding File Details. |
| ø | Refresh the data in the Report or Template. |
| Find Next | Search the Report or Template for the text you specify |
| - | Export the Report or Template in a wide variety of formats. |
| | Change the page setup (margins, etc.) |
| | Preview the page layout. |
| 4 | Print the Report or Template . |

| 🝿 Viewing - My File Index - Specified S | itatus | | | | — | | \times | | |
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Authoring and publishing custom Reports and Billing Templates

SQL Reports and Templates can be created and edited with **Report Builder** (available as a free download from Microsoft). Report Builder is an easy to use authoring tool with Office-like functions, including familiar formatting functions and drag-and-drop field selection.

Before you begin

Report Builder

Install and configure an appropriate version of Report Builder at the Workstation where you wish to author Reports or Templates.

Version—Install a version that is compatible with the version of SQL Server against which your Reports and Templates are run.

Download—Report Builder can be downloaded from the Microsoft Download Center website.

Install—When installing Report Builder, enter the SSRS Web Service URL in the Default Target Server dialog. Your Amicus Administrator can provide you with this URL. It is available from the Firm Settings – Reporting Services dialog in Amicus.

Security rights

The Edit function for SQL Reports and Billing Templates is controlled by Amicus Security Profiles. Your Amicus Administrator will need to assign you to a Security Profile with sufficient rights in order for you to edit or add new Amicus Reports or Templates.

Editing the contents of Reports and Billing Templates

To open a SQL Report or Template for local editing, select it from Amicus and click Edit:

- Amicus Attorney Reports—The Office module provides views for both Firm Member and Firm Reports. (Firm Reports are available only to Amicus Administrators.) The SQL Reports are listed in the Advanced section at the right.
- Amicus Billing Reports and Templates—Billing Users have access to all Billing Reports, Bill Templates, and Reminder Statement Templates from the Reports module on the Billing side of Amicus.

You will be prompted for a location to which your edited version is to be saved.

A prompt for the Report Server path appears. This defaults to the SSRS Web Service URL you entered when installing Report Builder. Click Connect.

If you are at workstation that is part of a Windows Workgroup (rather than a Domain), a Microsoft SQL Server Report Builder dialog will appear the first time, asking for a User Name and Password. Ask your system administrator who has Windows Administrator rights to the Amicus Database Server to enter their credentials and select the "Remember my password" option so that this prompt does not reappear in the future. The Report Builder screen appears.

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Formatting functions are available from the familiar Ribbon.

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Fields can be added simply via drag-and-drop from the Report Data pane to the design surface. The Amicus database fields and pre-defined objects (such as People on File) are presented in an easy to understand way.



Extensive online help, including tutorials, is available within Report Builder.

We recommend that you test new or edited Reports and Templates before they are published for other users. Default values for the Report or Template parameters are provided—for example, User ID defaults to the Current User, and Date Range defaults to Today. Because your rights are automatically passed to SSRS, you can test your Report directly from Report Builder.

To test your Report or Template, choose Run from the Home tab on the Ribbon. If you are not permitted run Reports or Templates from Report Builder, please contact <u>Amicus Technical Support</u> at 800-472-2289 or 416-977-6633.

To save your changes to the existing Report or Template, choose the **Save** menu command. To create a new Report or Template, choose the **Save As** menu command and provide a new name.



IMPORTANT: The standard Reports and Templates might be revised in future Amicus upgrades. We therefore recommend that you name your customized Reports and Templates differently in order to prevent their being overwritten later.

Editing the name and description of Billing Reports and Templates

To edit the display name and description of Billing Reports and Templates, simply right-click on the item in the Reports module and choose **Properties**.

| 🝿 Report Propertie | s | _ | | \times |
|--------------------|--|---|--|----------|
| | | | | |
| File Name: | Client Payment Allocation Report | | | |
| Display Name: | Client Payment Distribution | | | |
| Description: | This report displays payments ma Bills. It details how the receipt was attorneys for fees as well as exper taxes. File totals appear, and sum Lawyer, File Type and Responsibl | de agains s allocate nses, inte maries by le Lawyer | st Client d betweer erest and / Fee | 1 |
| | | 🗸 0 | к I 🛇 | Cancel |

To have these changes take effect, the Reports and Templates must be republished by an Amicus Administrator.

Adding Custom Fields to Reports or Billing Templates

When creating or customizing Advanced (SQL) Reports, you can include Amicus Custom Fields.

- For a Custom Field on a Custom Page, you'll need to know its Field ID and Page ID.
- For a Custom Field on a Custom Record, you'll need its Field ID and Record ID.

These IDs are conveniently provided in the Field Attributes window in the Amicus Custom Page/Record Designer.

Custom Field on a Custom Page:

| 🝿 Custom Page - People - General | | | | | |
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| 늘 File 🗹 Edit 📮 View 🔧 Tool: | s 🏟 | Actions | | | |
| 🚮 General | | Field Attributes | _ | | × |
| Add New Field | | | | _ | |
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| Text | | Help Tool Tip | Correct F | ormat Ex | amples: |
| 🔿 Memo | | Label Text | Social Se | curity Nu | umber: |
| Dropdown List | ~ | Field Identity | 100 | | |
| CheckBox | | Custom Page Id | 23 | | |
| # Numeric | ÷ | Lavout | 20 | | |
| Currency | > | Location | 130, 70 | | |
| | > | Size | 100, 20 | | |
| Mercent | ~ | Misc | | | |
| Date | | Default Value | | | |
| Time | | Field Type | Numeric | | |
| 🔽 Lookup | | Frequently Used Field | False | | |
| Path or URI | | Required on Page | False | | |
| P E-mail | | Required on Fage | I diac | | |
| Social Security Number | | | | | |
| Social Insurance Number | | | | | |
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| Frequently Used Fields | | | | | |

Custom Field on a Custom Record:

| Ű | Field Attributes | _ | | \times | |
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| | TabIndex | 1 | | | |
| \sim | Design | | | | |
| | Locked | False | | | |
| \sim | Field Basics | | | | |
| | Field Name | Social_Se | curity_F | Forma | |
| | Help Tool Tip | Correct Fo | ormat Ex | ampl | |
| | Label Text | Social Se | curity N | umbe | |
| \sim | Field Identity | | | | |
| | Custom Field Id | 129 | | | |
| | Custom Page Id | 23 | | | |
| ~ | Layout | | | | |
| > | Location | 130, 70 | | | |
| > | Size | 100, 20 | | | ۷ |

Publishing Reports and Billing Templates

In order to make new or edited Reports and Templates available from within Amicus, they must be copied to the appropriate subfolder on the Amicus Application Server and published by an Amicus Administrator.

1 For Amicus Attorney Reports, copy the desired Reports to the appropriate subfolder on the Amicus Application Server. The following subfolders are provided by default:

```
\Amicus Attorney Server\SQLReportsTemplates\Attorney\Firm
   \Calendar
   \Communications
   \Files
   \People
   \Time
\Amicus Attorney Server\SQLReportsTemplates\Attorney\Firm Member
   \Business Planning
   \Calendar
   \Files
   \People
   \System Administration
   \Time
```

If desired, you can rename Amicus Attorney subfolders, or create new ones and add Reports to them. Upon publication they will appear in the corresponding Amicus Reports view. Up to 8 Firm subfolders and 8 Firm Member subfolders can be displayed.

2 If Amicus Billing is licensed, copy the desired Reports and Templates to the appropriate folder or subfolder on the Amicus Application Server. The following are subfolders provided:

```
\Amicus Attorney Server\SQLReportsTemplates\Billing\
\Amicus Attorney Server\SQLReportsTemplates\Billing\Bills
\Amicus Attorney Server\SQLReportsTemplates\Billing\Statements
```

IMPORTANT: Do not rename or add Billing subfolders.

- **3** As an Amicus Administrator, go to the Office, choose Firm Settings, and click General Reporting Services.
- 4 Click Publish to make the SQL Reports and Templates available from Amicus. This deploys all Reports and Templates from the above folders to your SQL Server Reporting Services and thereby to the Team Members.



NOTE: If a Report or Template of the same name was previously deployed, it will be redeployed only if its file date is more recent than that previous deployment date.

Deleting Reports and Billing Templates

In order to delete a Report or Template, it must be deleted from the appropriate subfolder on the Amicus Application Server and, if published, also deleted via Reporting Services Configuration Manager.



CAUTION – Take care in deleting Billing Templates:

- Do not delete the "Standard" Bill or Reminder Statement Templates.
- If you delete a Bill Template that was assigned to a Draft or Final Bill (either directly or via the File setting), a Bill image will not be created or printed when you post that Bill.
- If you delete a Template that was assigned to a Bill Profile, File, or Client, that assignment will be removed and left blank. Although the "Standard" Template will be used for new Bills or Reminder Statements, we recommend that you assign an existing Template for clarity.
- 1 In Windows Explorer at the Amicus Application Server, navigate to the appropriate subfolder of \Amicus Attorney Server\SQLReportsTemplates

Then delete the .RDL file for the Report or Template.



- 2 If the Report or Template had already been published, complete the following additional steps:
 - **a** From the Windows Start Menu, choose Microsoft SQL Server 2008 [R2] > Configuration Tools > Reporting Services Configuration Manager.
 - **b** In the Reporting Services Configuration Manager dialog, click Connect.

| Reporting Services Configuration | Manager | | | |
|--|---|------------------------------|-------------------|--------|
| SQL Server 2008 R2 Reporting Services Con | 2 figuration Manager | | | |
| 2 Connect | | | | |
| i Server | | | | |
| Service Account | | | | |
| 🔊 Web Service URL | Reporting Services Configuration | on Connection | | × |
| Database | Reporting Services | 08 R2 | | |
| Report Manager URL | Please specify a server name, click instance to configure. | k the Find button, and selec | t a report server | |
| 🚖 E-mail Settings | Server Name: | QA5 | | Find |
| Execution Account | Report Server Instance: | AMICUS | | • |
| 👫 Encryption Keys | | | | |
| ^박 금 Scale-out Deployment | 0 | | Connect | Cancel |
| | | | | |

c Choose "Report Manager URL" in the navigation list at the left, and then click on the URLs link.

| Reporting Services Configuration Ma | nager: QA5\AMICUS | |
|-------------------------------------|------------------------------------|--|
| Reporting Services Config | uration Manager | |
| Sonnect | Report Manager URL | |
| QA5\AMICUS | Configure a LIRL to access Re | eport Mapager - Click Advanced to define multiple LIRI |
| 💐 Service Account | parameters on the URL. | |
| 🐊 Web Service URL | Report Manager Site Identification | |
| 🔰 Database | URLs: http://QA | 5:80/Reports AMICUS |
| Report Manager URL | | |
| 🚖 E-mail Settings | | |

d In Report Manager (which opens in your Web Browser), click Amicus Reports.

| 🜈 Home - Report Manager - Windows Internet E | xplorer |
|--|--|
| E http://qa5/Reports_AMICUS/Pages/ | Folder.aspx |
| File Edit View Favorites Tools Help | |
| 🔶 Favorites 🛛 🚦 🔻 🏀 Billing - Report Manager | 🏉 Home - Report Manager 🗙 |
| | · · · · |
| SQL Server Reporting Services | ; |
| Home | |
| 🞬 New Folder 🛛 🧕 New Data Source | 🗳 Report Builder 🔰 🗹 Folder Settings 👘 |
| AmicusReports | Data Sources |
| | |
| | |

e In the subsequent pages, navigate to the Report or Template you wish to delete and then click Details View.

| 🌈 Calendar - Report Manager - Windows Internet Explorer | |
|--|--|
| 🚱 💽 🗢 😰 http://qa5/Reports_AMICUS/Pages/Folder.aspx?ItemPath=%2fAmicusReports%2fAttorney%2fFirmMember% 🔽 🔄 🗙 | Soogle |
| File Edit View Favorites Tools Help | |
| 🖕 Favorites 🛛 🍘 🕹 🖌 🔞 🕈 | 🔊 🗸 🖃 🖶 👻 Page 🕶 Safety 🕶 Tools 🕶 🔞 🕶 ≫ |
| Home > AmicusReports > Attorney > FirmMember | Home My Subscriptions Site Settings Help 🗾 |
| endar - Report Manager - Windows Internet Explorer <l< td=""></l<> | |
| 🞬 New Folder 🕕 💆 New Data Source 🕕 📓 Report Builder 💷 🎽 Folder Settings 👘 🥀 Upload File | Details View |
| Appt and To Do List - Date Range 🙀 SubReportContactPhoneNumber 🙀 SubRe | eportShortFileName |
| To Do List - Date Range | |

f Select the checkbox next to the Report or Template you which to delete, and click Delete. Note that this does not yet remove the item from the Amicus views—you must perform the next step.

| Calendar - Report Manager - Windows Internet Explorer | |
|---|----------------|
| COO V E http://qa5/Reports_AMICUS/Pages/Folder.aspx?ItemPat | :h=%2fAmicusRe |
| File Edit View Favorites Tools Help | |
| 😭 Favorites 🛛 🌔 Calendar - Report Manager | |
| Home > AmicusReports > Attorney > FirmMember | |
| SQL Server Reporting Services | |
| Calendar | |
| 🗙 Delete 📋 💣 Move 💷 🚞 New Folder 👘 🧕 New Dat | a Source |
| □ Type Name ↓ | |
| 🗖 📓 Appt and To Do List - Date Range | |
| SubReportContactPhoneNumber | |
| 🗖 📓 SubReportShortFileName | |
| 💌 📓 To Do List - Date Range | |

g In Amicus as an Amicus Administrator, go to Office > Firm Settings > General - Reporting Services, and click Publish. The deleted Report or Template will no longer be available to users.

| Ŵ | Firm Settings | - | | × |
|---|---------------|--|-------------------|---|
| | General - R | eporting Services | ę | T |
| | Follow thes | e steps to make Reports designed using SQL Reporting Services available. | | |
| | Step 1: | Install SQL Reporting Services on your Amicus SQL Instance. (Follow instructions in t | he <u>Guide</u>) | |
| | Step 2: | Configure SQL Reporting Services. This must be performed at the Amicus Server! (If your Amicus is a Split Install, follow the Guide.) | Configure | |
| | Step 3: | Enter the Web Service URL of your SQL Server Reporting Services: | | |
| | | http://sat:80/ReportServer_amicus Edit | Test | |
| | Step 4: | Publish Reports. Use this command to upload reports (those provided by Amicus, or your own custom reports). | Publish | |

APPENDIX A: Installing SQL Server Reporting Services

Microsoft SQL Server 2008, 2008 R2, or 2012 Reporting Services must be installed before you can set up Reporting Services and make SQL Reports available to Amicus users.

- 1 Log onto your Amicus Database Server (the computer running SQL Server), as a user with Windows "Administrators" Group rights. This may be a different computer than your Amicus Application Server.
- 2 Insert your SQL DVD into the disk drive. The Setup program should start automatically. If not, click the Windows Start button, choose Run, and enter [disk drive letter]: \setup.exe
- **3** At the end of this preliminary install, you might be prompted to restart the computer. Then, to resume the installation, re-insert the DVD into the disk drive.
- 4 In the SQL Server Installation Center screen, click Installation at the left, and then click the "**New** installation or add features to an existing installation" option at the right.
- **5** The SQL Server Setup wizard starts. Accept the default settings in the subsequent dialogs, **EXCEPT:**
 - **Installation Type**—Ensure that the "Add features to an existing instance..." option is selected and, if necessary, select the "AMICUS" instance in the drop-down list box.
 - Feature Selection—Choose the following Instance Feature: "Reporting Services".
 - Server Configuration—On the Service Accounts tab, ensure that the SQL Server Reporting Services services has Account Name set to "NT AUTHORITY\SYSTEM", and Startup Type set to "Automatic".

APPENDIX B: Installing SQL 2019

- New Installation
- Upgrading existing SQL
- SSRS 2019 Installation



NOTE: Upgrading to SQL 2019 automatically uninstalls existing reporting services.

New Installation

1 Navigate to the SQL Server Installation Center and select Installation from the left navigation bar.



- 2 Click New SQL Server stand-alone installation or add features to an existing installation to launch the SQL Server Installation wizard.
- **3** Follow the onscreen instructions to complete the install.

4 Enter the product key in the field provided in the Product Key window.

| 🃸 SQL Server 2019 Setup | - D X |
|--|--|
| Product Key | |
| Specify the edition of SQL Serve | er 2019 to install. |
| Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Product Key License Terms Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete | Validate this instance of SQL Server 2019 by entering the 25-character key from the Microsoft certificate of authenticity or product packaging. You can also specify a free edition of SQL Server: Developer, Evaluation, or Express. Evaluation has the largest set of SQL Server features, as documented in SQL Server Books Online, and is activated with a 180-day expiration. Developer edition does not have an expiration, has the satures found in Evaluation, but is licensed for non-production database application development only. To upgrade from one installed edition to another, run the Edition Upgrade Wizard. |
| | < <u>B</u> ack Cancel |

Keep a copy of the product key as you will need it to install SQL Server Reporting Services (SSRS). Click **Next** >.

5 Read the License Terms and click the I accept the license terms checkbox. Click Next >.



6 In the Microsoft Update window click Use Microsoft Update to check for updates (recommended). Click Next >.



7 The **Product Updates** window appears. Click the links to **Read our privacy statement online** or to **Learn more about SQL Server product updates**. Click **Next** >.

| 髋 SQL Server 2019 Setup | | | - | - | | × |
|--|--|----------------|----------------|---|-----------------|------|
| Product Updates | | | | | | |
| Always install the latest update | s to enhance your SQL Server security and performance. | | | | | |
| Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete | There are no updates for SQL Server found online. | | | | <u>C</u> heck a | gain |
| | | < <u>B</u> ack | <u>N</u> ext > | | Cancel | |

8 The Install Setup Files window appears. If any update for SQL Server Setup is found and specified to be included, the update will be installed. A progress bar tracks the installation. Click Next >.

| 髋 SQL Server 2019 Setup | | | _ | | \times |
|--------------------------------|---|------------------------------|----------------|-------|----------|
| Install Setup Files | | | | | |
| If an update for SQL Server Se | tup is found and specified to be included, th | ne update will be installed. | | | |
| Product Key | | | | | |
| License Terms | | | | | |
| Global Rules | Task | Status | | | |
| Microsoft Update | Scan for product updates | Completed | | | |
| Product Updates | Download Setup files | Skipped | | | |
| Install Setup Files | Extract Setup files | Skipped | | | |
| Install Rules | Install Setup files | In Progress | | | _ |
| Feature Selection | | | | | |
| Feature Rules | | | | | |
| Feature Configuration Rules | | | | | |
| Ready to Install | | | | | |
| Installation Progress | | | | | |
| Complete | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | < <u>B</u> ack | <u>N</u> ext > | Cance | el |
| | | | | | |

9 At the Feature Selection window select the standard features to install, then click Next >.

| 髋 SQL Server 2019 Setup | | | - 🗆 X |
|--|---|--|---|
| Feature Selection | | | |
| Select the Standard features to | install. | | |
| Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Product Key License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete | Looking for Reporting Servi Eeatures: Database Engine Services SQL Server Replicatio Machine Learning Ser R Python Java Full-Text and Semant Data Quality Services PolyBase Query Servi < Select <u>A</u> II Lynselect All Instance goot directory: Shared feature directory (<u>x</u> 86): | ces? <u>Download it fro</u> n vices and Language ic Extractions for Sea ce for External Data i IDEC det | Im the web Feature description: The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Prerequisites for selected features: Already installed: Image: Im |
| | | | < <u>B</u> ack <u>N</u> ext > Cancel |

10 At the **Instance Configuration** window specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path. Click **Next** >.

| 髋 SQL Server 2019 Setup | | | | | _ | | × |
|---|----------------------------|--------------------------|-----------------------|--------------------|-----|-------|----|
| Instance Configuration | | | | | | | |
| Specify the name and instance | ID for the instance of S | QL Server. Instance ID I | becomes part of the i | nstallation path. | | | |
| Product Key | O <u>D</u> efault instance | | | | | | |
| License Terms Global Rules | Named instance: | AMICUS | | | | | |
| Microsoft Update | | | | | | | |
| Product Updates | Instance <u>I</u> D: | AMICUS | | | | | |
| Install Rules | | | | | | | |
| Feature Selection | SQL Server directory: | C:\Program Files\Mic | rosoft SQL Server\MS | SQL15.AMICUS | | | |
| Feature Rules | Installed instances: | | | | | | |
| Server Configuration | Instance Name | Instance ID | Features | Edition | Ver | sion | |
| Database Engine Configuration | | | | | | | |
| Feature Configuration Rules | | | | | | | |
| Ready to Install Installation Progress | | | | | | | |
| Complete | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | < <u>B</u> | ack <u>N</u> ext > | | Cance | I. |

11 At the **Server Configuration** window specify the service accounts and collation configuration. Click **Next** >.

| 髋 SQL Server 2019 Setup | | | | — C |) × | < |
|--|--|---|-------------------|-------------------------------|-------|---|
| Server Configuration | | | | | | |
| Specify the service accounts and | d collation configuration. | | | | | |
| Global Rules Microsoft Update Product Llodates | Service Accounts Collation | use a separate account for each | SQL Server servic | e. | | |
| Install Setun Files | Service | Account Name | Password | Startup T | /pe | |
| Install Rules | SQL Server Agent | NT Service\SQLAgent\$A | | Automati | | |
| Product Key | SQL Server Database Engine | NT Service\MSSQL\$AMI | | Automatio | . ~ | |
| License Terms | SQL Server Browser | NT AUTHORITY\LOCAL | | Automatio | - ~ | |
| Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete | Grant Perform Volume Mainte This privilege enables instant to information disclosure by a <u>Click here for details</u> | nance Task privilege to SQL Sen file initialization by avoiding zero llowing deleted content to be ac | ver Database Engi | ine Service s. This may le | ad | |
| | | < <u>B</u> ack | k <u>N</u> ext > | > C | ancel | |

12 At the **Database Engine Configuration** window specify Database Engine authentication security mode administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.

| 🐮 SQL Server 2019 Setup | | | | - 🗆 | × |
|--|---|---|--|--------------------------------|-----|
| Database Engine Confi | guration | | | | |
| Specify Database Engine auther parallelism, Memory limits, and | ntication security mode, Filestream settings. | administrators, data directories, TempDB, N | /lax degree of | | |
| Product Key License Terms Global Rules Microsoft Update | Server Configuration Specify the authent Authentication Mod | Data Directories TempDB MaxDOP M ication mode and administrators for the Da | femory FILESTREAM | | |
| Product Updates Install Setup Files Install Rules | <u>W</u> indows authen <u>M</u> ixed Mode (SQ | tication mode L Server authentication and Windows auther of for the SOL Server outern administrator (| entication) | | |
| Feature Selection Feature Rules Instance Configuration Server Configuration | Enter password: Confirm password: | | | | |
| Database Engine Configuration | Specify SQL Server a | administrators | | | |
| Feature Configuration Rules Ready to Install Installation Progress Complete | W2016-02\Adminis | trator (Administrator) | SQL Server adminis unrestricted access Engine. | trators have to the Databa: | se |
| | Add <u>C</u> urrent User | Add Remove | Inele Merita | 6 | , |
| | | < <u>B</u> | ack <u>N</u> ext > | Cano | :el |

Enter a strong password for the SQL Server system administrator (sa) account in the **Enter password** field and enter the password again in the **Confirm password** field.

13 Click Add Current User, then click Next >.

14 At the Ready to Install window verify the SQL Server 2019 features to be installed. Click Next >.



15 At the **Installation Progress** window, a progress bar displays to track added installation modification modifiers.

| 🃸 SQL Server 2019 Setup | | - | | × |
|---|---|---|-------|----|
| Installation Progress | | | | |
| Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Product Key License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete | Adding installation modification modifiers. | | | |
| | <u>N</u> ext : | • | Cance | :1 |

16 At the **Complete** window you are notified that *Your SQL Server 2019 installation completed successfully with product updates.* You can also view information about the Setup operation or possible next steps.

| 髋 SQL Server 2019 Setup | | | - | | × |
|---|---|------------------------------------|----------|----------------|---|
| Complete Your SQL Server 2019 installa | tion completed successfully with product upda | tes. | | | |
| | | | | | |
| Global Rules | Information about the Setup operation or r | nossible nevt stens | | | |
| Microsoft Update | information about the setup operation of p | obsibile next steps. | | | |
| Product Updates | Feature | Status | | | _ |
| Install Setup Files | Database Engine Services | Succeeded | | | |
| Install Puler | SQL Browser | Succeeded | | | |
| Desident Ken | SQL Writer | Succeeded | | | |
| Product Key | SQL Client Connectivity SDK | Succeeded | | | |
| License Terms | SQL Cheft Connectivity | Succeeded | | | |
| Feature Selection | | | | | |
| Feature Rules | | | | | |
| Instance Configuration | <u>D</u> etails: | | | | |
| Server Configuration | Install successful. | | | | |
| Database Engine Configuration | | | | | |
| Feature Configuration Rules | | | | | |
| Ready to Install | | | | | |
| Installation Progress | | | | | |
| Complete | | | | | |
| complete | | | | | |
| | Summary log file has been saved to the foll | owing location: | | | |
| | C:\Program Files\Microsoft SQL Server\150 backendaapen 20220922 140330.txt | \Setup Bootstrap\Log\20220922_1403 | 30\Summa | r <u>y vm-</u> | |
| | | | | Clos | e |

17 Click Close.

Upgrading an Existing SQL

1 Navigate to the SQL Server Installation Center.



- 2 Click **Upgrade from a previous version of SQL Server** to launch a wizard to upgrade a previous version of SQL Server to Server 2019.
- **3** Follow the onscreen instructions to complete the install. Many of the steps are the same as a new install.

4 At the **Select Instance** window select the instance of SQL Server to upgrade from the dropdown menu in the **Instance to upgrade** field. Select **Upgrade features** to upgrade only shared features. Click **Next** >.

| Upgrade to SQL Server 2019 | | | | | - | | × |
|---|--|----------------------------------|----------------------|---------------------------|------------|----------|---|
| Select Instance | | | | | | | |
| Specify the instance of SQL S | Server to modify. | | | | | | |
| Product Key License Terms Global Rules | Select the instance of features" and then clic Instance to upgrade: | SQL Server to upgrade k next. | e. To upgrade only s | hared features, sele | :t "Upgrad | e shared | |
| Product Updates Install Setup Files Upgrade Rules | AMICUS Installed instances: | | ~ | | | | |
| Select Instance | Instance Name | Instance ID | Features | Edition | Vers | ion | |
| Reporting Services Migration | AMICUS | MSSQL12.AMICUS, | SQLEngine,RS | Standard | 12.3. | 6169.19 | |
| Select Features | <shared compone<="" td=""><td></td><td>LocalDB</td><td></td><td>12.3.</td><td>6169.19</td><td></td></shared> | | LocalDB | | 12.3. | 6169.19 | |
| Feature Rules Ready to Upgrade Upgrade Progress Complete | | | | | | | |
| | | | <] | <u>B</u> ack <u>N</u> ext | :> | Cancel | |

5 The **Reporting Services Migration** window appears notifying you that Upgrading SQL Server will uninstall Reporting Services. Click **Next** >.



6 The **Select Features** window notifies you that it is not possible to change the SQL Server features to be upgraded in this release. The features are displayed in the main screen. Click **Next >**.

| Upgrade to SQL Server 2019 | · · · · · · · · · · · · · · · · · · · | | - | _ | | × |
|---|--|----------------|--|---|--|-------|
| Select Features | | | | | | |
| It is not possible to change the | SQL Server features to be upgraded in this release. | | | | | |
| Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Reporting Services Migration Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete | Eeatures: AMICUS Database Engine Services Reporting Services - Native (will be uninstalled Shared Features Redistributable Features |) | Description: Prerequisites for Already installe Windows P Microsoft V S Disk Space Requ Drive C: 1015 M MB available | selec d: owerS isual ireme B req | ted featu Shell 3.0 c C + + 2013 ents uired, 324 | rres: |
| | | < <u>B</u> ack | <u>N</u> ext > | | Cancel | |

7 The **Instance Configuration** window specifies the name and instance ID for the instance of SQL Server. Instance ID becomes part of the initialization path. Click **Next** >.

| Upgrade to SQL Server 2019 | | | | | _ | | × |
|---|--|--------------------------|---------------------|-----------------------------|-------------|-----------|-----|
| Instance Configuration Specify the name and instance | ID for the instance of SC | QL Server. Instance ID b | ecomes part of the | installation path. | | | |
| Product Key | O <u>D</u> efault instance | | | | | | |
| License Terms Global Rules | Named instance: | AMICUS | | | | | |
| Product Updates Install Setup Files Upgrade Rules Select Instance Reporting Services Migration Select Features | Instance <u>I</u> D: | AMICUS | | | | | |
| | SQL Server directory: | C:\Program Files\Mic | rosoft SQL Server\N | 1SSQL15.AMICUS | | | |
| Instance Configuration | Installed instances: | 1 | | | | | |
| Feature Rules | Instance Name | Instance ID | Features | Edition | Ver 12.2 | sion | _ |
| Ready to Upgrade | <shared compone<="" th=""><th>MISSQETZ.AMICOS,</th><th>LocalDB</th><th>Stanuaru</th><th>12.3</th><th>1.6169.19</th><th>-11</th></shared> | MISSQETZ.AMICOS, | LocalDB | Stanuaru | 12.3 | 1.6169.19 | -11 |
| Upgrade Progress Complete | | - | | | | | |
| | | | < | <u>B</u> ack <u>N</u> ext : | > | Cancel | |

8 The **Ready to Upgrade** window verifies the SQL Server 2019 features to be upgraded. Click **Upgrade**.

| Ready to Upgrade Verify the SQL Server 2019 fe | ratures to be upgraded. |
|--|---|
| Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules | Upgrading SQL Server will uninstall Reporting Services. Ready to upgrade SQL Server 2019: SummaryEdition: StandardAction: Upgrade (Product Update)Prerequisites |
| Select Instance Reporting Services Migration Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete | Already installed: Windows PowerShell 3.0 or higher Microsoft Visual C++ 2017 Redistributable General Configuration Features Database Engine Services SQL Browser SQL Writer Instance Configuration Instance Name: AMICUS Instance Directory: C:\Program Files\Microsoft SQL Server Shared component root directory |
| | Configuration file path: C:\Program Files\Microsoft SQL Server\150\Setup Bootstrap\Log\20221124_172706\ConfigurationFile.ini |

9 At the **Upgrade Progress** window, a progress bar tracks the setting features install state. Click **Next** >.

| 🗟 Upgrade to SQL Server 2019 | | _ | | \times |
|---|--------------------------------|---|-------|----------|
| Upgrade Progress | | | | |
| Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Reporting Services Migration Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete | Setting feature install state. | | | |
| | <u>N</u> ext | > | Cance | : |

SQL Server Reporting Services (SSRS) 2019 Installation

1 A Microsoft SQL Server 2019 Reporting Services Welcome screen displays.



2 Scroll down and select the appropriate radio button to install either the free edition or **Enter the product key** in the field provided. Click **Next** >.

| | | × |
|----------------------------------|----------------|---|
| Microsoft SQL Server 2019 Report | ting Services | |
| | | |
| Choose an edition to install | | |
| O Choose a free edition: | | |
| Evaluation (expires in 180 days) | | |
| Enter the product key: | | |
| PMBDC-FXVM3-T777P-N4FY8-PKFF4 | | |
| Learn more | | |
| | | |
| | | |
| | | |
| | | |
| Cancel | revious Next > | |
| | | |

3 Review the license terms and select the laccept the license terms checkbox. Click Next >.



4 The Install Database Engine window displays. Click the Install Reporting Services only radio button. Click the link if you wish to Learn more about supported Database Engine versions and editions. Click Next >.



5 Accept the default Install location or Browse to another location. Click Install.



6 Progress bars appear to track your **Package progress**, Microsoft System CLR Types for SQL Server 2019 CTP 3.0 and **Overall progress**.



7 The **Setup completed** window appears when the setup has installed the files you need. You are now ready to configure your report server.



- 8 Select the **Configure manually and customize settings** radio button the Report Server Configuration Manager will start for you to configure your report server. Click the **Learn more** link if you require more information.
- 9 Click Configure report server.



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