

# Deltek Vision® 7.1

## Technical Readiness Guide

**June 27, 2013**

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## Overview

This guide contains technical information to prepare technical staff at your company who maintain the hardware and software required to deploy Vision, and those who are responsible for installing and configuring the Vision application for the new technology that Vision 7.1 uses.

You can have the Deltek Global Services team assist you with your system analysis to verify whether or not you are prepared for the upgrade to Vision 7.1. Please contact Deltek's Global Services team at [DGSConsultants-PES\\_Vision@deltek.com](mailto:DGSConsultants-PES_Vision@deltek.com).

For prerequisite software installations and information, please refer to the documentation provided by the software distributor.

## About This Guide

This guide contains information you need to verify the readiness of your environment for the various components of Vision. Deltek revises this document regularly to provide current technical information and instructions.

Visit the Knowledge Center tab of the Deltek Customer Care Connect site to determine if your copy is the latest copy, and to download the most recent copy, if necessary.



The Deltek Customer Care Connect site is a protected site and requires a username and a password. If you do not know your username, please contact your Deltek Account Manager.

If you forget your username or password, click **Account Assistance** on the Login page.

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# Changes to Reporting Tier and Introduction of Reporting Services

Vision 7.1 uses Microsoft SQL Server Reporting Services as the Report Management and delivery platform.

There are several things to consider when you migrate to Vision 7.1:

- SQL Server Reporting Services is **not** installed as part of the Vision installation. Setup requires that SQL Server Reporting Services be already installed and configured in order to connect to the Report Server. The next section provides links to Microsoft documentation that you can use in addition to the Microsoft documentation installed with your SQL Server installation. See Appendix C for related information.
- Vision 7.1 now supports SQL Server 2008 Business Intelligence Development Studio (BIDS). The SQL 2005 Reporting Services design tools (BIDS) are not supported with Vision 7.1.

## Microsoft SQL Server Reporting Services and Custom Reports

The software requirements for creating Vision custom reports with Microsoft SQL Server Reporting Services have changed. To create custom Vision reports, use either of the following:

- Vision 7.1 supports Microsoft SQL Server 2012 Standard and Enterprise editions for the core database and reporting services requirements of Vision. However, SQL Server 2012 is not yet supported for Vision custom reports created with SQL Server 2012's report writing tools — Report Builder 3.0 and SQL Server Data Tools (formerly called Business Intelligence Development Studio).
- **Report Builder 2.0** — Report Builder 2.0 is available in Microsoft SQL Server 2008 SP1. See <http://blogs.msdn.com/b/sqlrsteamblog/archive/2009/04/07/sql-server-2008-sp1-and-report-builder-update.aspx> for more information. Report Builder 1.0 is no longer supported for creating Vision custom reports.
- **Microsoft Business Intelligence Development Studio 2008 (also known as BIDS 2008 or Report Designer 2008)** — BIDS 2005 is no longer supported for creating Vision custom reports.

## Copying Template Files

When you create custom reports on your workstation with BIDS 2008, you must copy the .rdl template files to the following location on your workstation:

C:\Program Files\Microsoft Visual Studio 9.0\Common7\IDE\PrivateAssemblies\ProjectItems\ReportProject  
instead of this location:

C:\Program Files\Microsoft Visual Studio 8\Common7\IDE\PrivateAssemblies\ProjectItems\ReportProject

## Modifying Custom Properties

In BIDS 2008, you can now modify custom properties in a report on the Properties window of the report. In the Properties list, navigate to **CustomProperties**. Click the ellipsis button to open the Custom Properties dialog box.

## Custom Reports Created with Microsoft SQL Server Reporting Services 2005

You must use BIDS 2008 to upgrade custom reports that were created with SSRS 2005 before you can use the reports in Vision 7.1. Before you upgrade custom reports, Deltek recommends that the creator of the custom reports (Deltek Consulting Services, Deltek partners, or the person at your company) review the reports to ensure that there are no Vision framework changes that need to be applied within the report Business Objects. The Deltek Consulting Services Group can provide assistance with reports that contain custom Business Objects. Contact them at [CustomServices@Deltek.com](mailto:CustomServices@Deltek.com) for more information.

The following Vision database tables had a name change in Vision 7.1 if you are migrating from Vision 6.x installations. You must update your report queries with the new table names, or you will receive errors when you run these reports.

Vision 6.x Table Name	Vision 7.1 Table Name
CFGCountry	FW_CFGCountry
CFGCurrency	FW_CFGCurrency
CFGPhoneFormat	FW_CFGPhoneFormat
CFGEnabledCurrencies	FW_CFGEnabledCurrencies
InfoCenterTabHeadings	FW_InfoCenterTabHeadings
ReportPrinters	FW_ReportPrinters
CFGCountry	FW_CFGCountry

After you address framework issues, upgrade the 2005 custom reports. To do this, open them in BIDS 2008 and resave the RDLs.

For custom reports that were created with the SQL 2005 Reporting Services design tools (BIDS), do not open the report (.rdl) file directly with the SQL Server 2008 BIDS. Instead, follow the recommended sequence of steps below.

### To upgrade your custom reports after you address any Vision framework changes, complete the following steps:

1. Open and convert the project file (.rptproj) to Visual Studio / Visual Source Safe 2008.  
If you do not have the project file (.rptproj) for the custom report, open a new project, and add the RDL file into the project.
2. Open the report file (.rdl) in designer mode.
3. Save the report file (.rdl).



There are many table and schema changes in the Vision 7.1 database that may cause your custom reports not to work properly after you upgrade them to match the SQL 2008 BIDS version supported by Vision 7.1. Deltek recommends that you rebuild your custom reports using the Vision 7.1 reports as a template to ensure that your reports work correctly. The Deltek Consulting Services Group can provide more assistance with custom reports if you need it. Contact them at [CustomServices@Deltek.com](mailto:CustomServices@Deltek.com) for more information.

## Custom Invoice Templates and Other Custom Forms Created with Microsoft SQL Server Reporting Services 2005

You must use BIDS 2008 to upgrade custom invoice templates and other custom reports used for Deltek forms (such as Purchase Order forms, Purchase Requisition forms, and Request for Price Quotes) that were created with SSRS 2005. You must upgrade them before you can use them in Vision 7.1.

The information in the previous section titled “Custom Reports Created with Microsoft SQL Server Reporting Services 2005” section also applies for invoice templates and other custom Deltek forms. Refer to that section for information on how to upgrade invoice templates and other custom forms.

## Overview of Reporting Services

Microsoft SQL Server Reporting Services is a server-based reporting platform that you can use to create and manage tabular, matrix, graphical, and free-form reports that contain data from relational and multidimensional data sources. You view and manage the reports over a World Wide Web-based connection. Reporting Services includes the following core components:

- A complete set of tools that you can use to create, manage, and view reports
- A Report Server component that hosts and processes reports in a variety of formats (Output formats include HTML, PDF, TIFF, Excel, CSV, and more.)
- An API that allows developers to integrate or extend data and report processing in custom applications, or create custom tools to build and manage reports

The reports that you build can be based on relational or multidimensional data from SQL Server, Analysis Services, Oracle, or any Microsoft .NET data provider such as ODBC or OLE DB. You can create tabular, matrix, and free-form reports. You can also create ad-hoc reports that use predefined models and data sources.

In Reporting Services, URLs are used to access the Report Server Web service and Report Manager. Before you can use either application, you must configure at least one URL each for the Web service and Report Manager. Reporting Services provides default values for both application URLs that work well in most deployment scenarios, including side-by-side deployments with other Web services and applications.

Reporting Services uses a SQL Server database for internal storage. The database is a required component; it is used to store reports, session data, resources, and server metadata.

The migration to this new tool includes the following benefits:

- **Ease of Deployment and Management** — SSRS is embedded in SQL Server, the database many firms already use. This streamlines deployment and updates and provides a platform for delivery of new functionality for years to come.
- **Industry Leading Platform** — SSRS is a leading Business Intelligence (BI) platform.
- **Better Technology Alignment with Vision** — SSRS aligns well with the rest of the Microsoft centric technology strategy for Vision.

## How to Obtain Information about Reporting Services

The best way to learn about Reporting Services and how to configure it is through the Microsoft documentation included with your SQL Server (Books Online, Microsoft Labs, and so on). The following links provide steps for configuring Reporting Services. Select your version of SQL Server.

Configuring SQL Server Reporting Services (How-to Topics):

- <http://msdn.microsoft.com/en-us/library/bb934490.aspx>
- <http://msdn.microsoft.com/en-us/library/ms157412.aspx>

Reporting Services Overview and Tutorials:

- <http://msdn.microsoft.com/en-us/library/ms159106.aspx>

Reporting Services Demos, Videos, Virtual Labs, Webcasts:

- <http://msdn.microsoft.com/sqlserver/2008/en/us/learning.aspx>

## Microsoft SQL Server Edition Important Notes

Owners of SQL Server Workgroup Edition and SQL Server 2008 Express Edition with Advanced Services (SQL Server Express) should note the following:

- The report server database must be hosted on the local Machine running the SQL Server Database Engine instance. You cannot use a remote SQL Server instance to host the report server database.
- Data sources used in a report must also be SQL Server databases that run on the local machine running the SQL Server Database Engine instance. You cannot use remote data sources or other data source types. To use additional data source types, you must use a different edition of Reporting Services. This means that your Vision database must reside on the same machine where you Report Server databases reside.
- You will either use the Single Server Deployment Model or Configuration 1 of the Two Server Deployment Model.

### Information for Owners of SQL Server Standard or Enterprise Edition

- If you decide to split the Report Server (web service) from the database server hosting the report server database, you need an additional Microsoft SQL Server license. See Report Server Licensing Requirements for links to Microsoft SQL Server licensing related to SQL Server Reporting Services.
- Report Server scale-out deployment is only available in Microsoft SQL Server Enterprise Edition. A scale-out deployment refers to an installation configuration that has multiple report server instances sharing a single report server database.
- The following Microsoft link lists the features supported by the editions of SQL Server 2008, Microsoft SQL Server 2008 R2, and Microsoft SQL Server 2012. Click Other Versions and select the version that you are using:  
<http://msdn.microsoft.com/en-us/library/cc645993.aspx>



## Information for Owners of SQL Server Express Edition

Deltek no longer ships the MSDE/SQL Express Management Console because the SQL Server Management Studio is now included with the SQL Express installations. Although the SQL Express Edition does not provide a way to schedule the automatic maintenance and backup of your database, Microsoft has provided documentation and Open Source tools for creating a scheduled backup and maintenance plan for SQL Express. The links below provide the details for performing those activities. Refer to these sites for guidance on implementing these tools in your environment.

The Microsoft hosted Open Source Project site ([www.codeplex.com](http://www.codeplex.com)) provides a Project/Tool for SQL Express users named ExpressMaint (<http://expressmaint.codeplex.com/>) that can be used to create the maintenance plans. This project maintains two utilities for automating the backup and maintenance of databases for SQL Server 2005/2008/2008R2 Express Edition. They are based on the sqlmaint application that came with SQL Server 2000 but were updated for SQL Server 2005/2008/2008R2.

Microsoft also provides documentation for manually creating a Windows scheduled task to work with SQL Stored Procedures for automating the daily backup and maintenance plans.

- Schedule and Automate Backups of SQL Server Databases in SQL Server Express:  
<http://support.microsoft.com/kb/2019698>
- Automate Maintenance Tasks with SQL Server Express:  
<http://archive.msdn.microsoft.com/SQLExamples/Wiki/View.aspx?title=ExpressMaintenance>

The Microsoft MSDN article also references another site that includes free tools for creating scheduled jobs. You can use those tools with the information in the [KB 2019698](#) article.

- SQL Server Backup, Integrity Check, and Index and Statistics Maintenance:  
<http://ola.hallengren.com/>

Deltek recommends completing the following activities on your database daily:

1. Check Database Integrity:  
<http://archive.msdn.microsoft.com/SQLExamples/Wiki/View.aspx?title=ExpressMaintenance#CheckDB>
2. Reorganize/Rebuild Indexes/Update Statistics:  
<http://archive.msdn.microsoft.com/SQLExamples/Wiki/View.aspx?title=ExpressMaintenance#IndexStats>
3. Back up your database(s):  
<http://support.microsoft.com/kb/2019698>

If you are implementing SQL Server Express Edition, Deltek requires that you use **SQL Server Express Edition with Advanced Services** as the Database and Report Server for your Vision implementation.

The SQL Server Express Edition with Advanced Services contains the Database Engine and Reporting Services required for managing the database and running reports. The other SQL Express Edition installers do not have all the components needed to support Deltek Vision.

## Direct Links for SQL Server 2012 SP1 Express with Advanced Services Installers from Microsoft

Microsoft has several variations of the SQL Express installation. Download the appropriate SQL Server Express with Advanced Services installation package that matches your Operating System platform (32-bit/x86 or 64-bit/x64). For your convenience and to avoid confusion, this

document provides the direct links for the SQL Server 2012 SP1 with Advanced Services installation packages. Click the following link to access the download page:

<http://www.microsoft.com/en-us/download/details.aspx?id=35579>

When you open this download page, there are only two installations that can be used with Vision. The product name is SQL Server 2008 R2 SP2 Express Edition with Advanced Services, and there is a download for each Operating System platform: 32-bit/x86 or 64-bit/x64. You must download the installation that matches your specific database server operating system. For example, install the 32-bit/x86 on a 32/x86 system only, and the 64-bit/x64 on a 64-bit system only. You cannot mix the operating system types.

Use these links for the two downloads:

- 64-bit / x64 Installation for 64-bit Operating Systems:  
[http://download.microsoft.com/download/5/2/9/529FEF7B-2EFB-439E-A2D1-A1533227CD69/SQLEXPADV\\_x64\\_ENU.exe](http://download.microsoft.com/download/5/2/9/529FEF7B-2EFB-439E-A2D1-A1533227CD69/SQLEXPADV_x64_ENU.exe) (1.9 GB)
- 32-bit / x86 Installation for 32-bit Operating Systems:  
[http://download.microsoft.com/download/5/2/9/529FEF7B-2EFB-439E-A2D1-A1533227CD69/SQLEXPADV\\_x86\\_ENU.exe](http://download.microsoft.com/download/5/2/9/529FEF7B-2EFB-439E-A2D1-A1533227CD69/SQLEXPADV_x86_ENU.exe) (1.9 GB)

After you install SQL Server Express, Deltek recommends that you download and install the following cumulative update package 1 (CU1) for SQL Server 2012 Service Pack 1 from Microsoft: <http://support.microsoft.com/kb/2765331>

The following Microsoft link provides information on prerequisite requirements, release notes, installation guide and other helpful links for performing the SQL Server Express installation of SQL Server: <http://technet.microsoft.com/en-us/sqlserver/install>

## Report Server Licensing Requirements

The method you use to deploy your Report Server depends on the edition and licenses you own for your Microsoft SQL Server Database. If you plan to host your Reporting Services Web Service on a separate machine from the Reporting Services Report Server Database, you must determine whether your SQL Server edition and licenses purchased can support this deployment. The following Microsoft link (Microsoft SQL Server licensing page) describes the licensing options available with SQL Server and Reporting Services:

<http://www.microsoft.com/sqlserver/2008/en/us/licensing.aspx>

## Supported Databases

A Microsoft SQL Server 2008, 2008 R2, or 2012 database engine is required to run Vision. The Microsoft SQL Server edition you choose to install is dependent on the number of employees who will use Vision.

- For firms with fewer than 50 employees (five concurrent users), Vision supports Microsoft SQL Server Express Edition with Advanced Services.
- For firms with more than 50 employees (six or more concurrent users), Vision supports Microsoft SQL Server.

The machine on which you install Microsoft SQL Server depends on your firm's deployment model.

## SQL Server Reporting Services 2008 R2 and Invoices

If you are using Vision 7.0 with Microsoft SQL Server Reporting Services (SSRS) 2008 R2, your invoices will print with extra space in the header when the top margins are expanded. This is a known issue with Microsoft SSRS 2008 R2 and Deltek is working with Microsoft to resolve this issue. This issue does not occur in previous versions of Microsoft SSRS 2008.

If you plan to upgrade to Microsoft SSRS 2008 R2, please carefully review your invoice templates, and wherever possible, reduce the top margins in the Vision Invoice Template Editor to prevent the extra space issue from occurring.

## Windows Server 2008 R2 and Server-Side Printing

If you deploy Vision 7.0 with Windows Server 2008 R2, you must complete the following to configure server-side printing:

Configure the DeltekVisionAppPool Identity (IIS) and the Report Server Windows Username (Report Server tab of Weblink) to be the same domain account. This must also match the domain account profile where your network printers are installed on the Vision web/application server.



If you need assistance using the Customer Care Connect site, the online help available on the site provides answers for most questions.

## .NET Architecture

Vision's server-side architecture uses Microsoft's .NET framework. .NET is Microsoft's name for a set of software technologies developed to connect information, people, systems, and devices. See <http://www.microsoft.com/net/> for more information.

.NET allows Deltek developers and your in-house IT staff to extend Vision's workflow capabilities by calling outside Web services from within Vision. For example, you can send real-time, updated project information from Vision to an external collaboration Web site so that your clients can view current project information. Or you can automatically update your employee self-service system when employee information is changed in Vision.

The .NET framework gives you the power to extend Vision's reach—by developing applications that integrate with Vision, calling Web services from within Vision, and communicating with Vision through mobile devices.

The Vision installer that contains the download manager requires that you install at least Microsoft .NET Framework 3.5 (SP1) on the Vision tier before you begin the Vision installation.

If Microsoft .NET Framework 3.5 (SP1) is not detected, the installation halts and you must install it before you can run the Vision installation. Since all of the tiers require Microsoft .NET Framework 3.5 (SP1), confirm that all the prerequisites for that tier are correctly installed. Deltek's main client application is deployed using the ClickOnce technology, which requires Microsoft .NET Framework 3.5 SP1. You can download the Microsoft .NET Framework 3.5 SP1 from this link:

<http://www.microsoft.com/downloads/details.aspx?familyid=ab99342f-5d1a-413d-8319-81da479ab0d7&displaylang=en>

## Platform Virtualization

Deltek recognizes the growing use of virtual environments by our customers. Virtual environment software, such as VMware®, resides in the hardware layer underneath the operating system.

Customers use it to partition a single server into a multiple server/multiple operating system environment. Deltek's product development makes limited use of virtualized environments at this time.



See Deltek's "Virtual Environments Statement" on the Deltek Customer Care Connect site for more information.

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## Multiple Languages

Vision 7.1 allows you to install a blank Vision database in either English (United States) or English (International) on your database server.

- **New Installations** — For customers installing Vision for the first time, the installation routine includes a step in which you select the English — English (United States) or English (International), Dutch, or German language database version that you want to use for the installation. The database you select determines the language that subsequently displays in the Vision application user interface.
- **Upgrades from Previous Versions of Vision** — For customers upgrading from a previous version of Vision (other than 6.0), the database conversion routine checks the pre-6.0 custom label spellings for the words "labor" and "check," and then converts the database based on the custom label spellings.
- **Language Options** — The Vision client deployment includes options for selecting the following language versions when you run the application: English (United States or International). The other languages (French (Canada or France), Spanish, Dutch (Netherlands), or German) are not supported with Vision 7.1.

# Deltek Vision Logical Tiers Requirements

Various parts of the Vision application are distributed to logical tiers for performance, scalability, and security purposes. These logical tiers are distinct technologies required to run Vision, such as report server software, or Web server software. They may or may not be hosted on the same machine. The method that you use to distribute Vision's logical tiers across physical tiers, or actual machines, depends on your firm's needs.



For current hardware and software requirements, see the Deltek Product Support Compatibility Matrix document, which is available from the Knowledge Center tab of the Deltek Customer Care Connect site.

## Non-Supported Environments

The following are non-supported environments for Vision 7.1:

- Vision does not support using Microsoft Windows® XP, Widows Vista™, or Windows 7 for production server installation.
- Vision is not compatible with Microsoft Windows 95, 98, ME, 2000, or NT® 4.0 as a client or server Operating System.
- Vision no longer supports Microsoft SQL Server™ 2000 or Microsoft SQL Server 2005.
- Vision no longer supports Windows 2000 Server or Windows Server 2003.
- Vision no longer supports Actuate.
- You cannot perform a Single Server deployment on the Microsoft Small Business Server. Only the Vision database tier or report tier can be installed on this server.
- You cannot install any Vision tier on the Microsoft ISA server, or any other software-based firewall (except Windows firewall).
- You cannot install any Deltek Vision tier on any server with Microsoft Terminal Services (Application Mode Only) running. Terminal Services in remote administration is fully supported.
- You cannot install any Vision tier on a Domain Controller.
- You cannot install any Vision tier on any version of Microsoft Exchange Server.
- You cannot install any Vision tier (except Document Management) on any version of SharePoint Server.
- Vision is not compatible with Microsoft Project 2003. Importing and/or exporting to Microsoft Project 2003 from the Planning application will produce an error.
- Platform Virtualization is a new technology that allows multiple operating systems and platforms to run simultaneously as separate virtual machines on a single set of server hardware. See Deltek's Virtualization Statement, available on the Deltek Customer Care Connect site, for limitations of support for virtualized deployments.
- Microsoft's Application Request Routing (ARR) 3.0 is not supported in Windows Server 2012 because at the time of release of Vision 7.1, ARR 3.0 was still in Microsoft Beta.

## Technical Considerations

The following are technical considerations for Vision 7.1:

Technical Consideration	Description
Running multiple versions of Vision	Vision 7.1 and earlier versions of Vision cannot be run at the same time on the same Web/Application server.
Microsoft .NET Framework 3.5 SP1	Microsoft .NET Framework 3.5 SP1 must be installed on the following: <ul style="list-style-type: none"> <li>All client workstations running Deltek Vision.</li> <li>The servers hosting the Vision Application and the Process servers.</li> </ul>
64-bit processing	Vision supports 64-bit processing for: <ul style="list-style-type: none"> <li>All Vision logical tiers (web/application, database, and report tiers)</li> <li>The client tier (Windows 7, Windows Vista, and Windows XP)</li> </ul>
Windows Server versions	Vision supports the following Windows Server versions: <ul style="list-style-type: none"> <li>Windows Server 2012 <ul style="list-style-type: none"> <li>This is supported only for Vision 7.1 that you downloaded from the Deltek Customer Care Connect site after April 17, 2013.</li> <li>Document Management is <b>not</b> supported on Windows Server 2012.</li> </ul> </li> <li>Windows Server 2008 R2 Service Pack 1 SP1 (only available in x64)</li> <li>Windows Server 2008 SP2</li> <li>Windows Server 2008 R2 RTM</li> </ul>
Microsoft SQL Server Database Engine and Reporting Services	Vision supports the following versions of Microsoft SQL Server Database Engine and Reporting Services: <ul style="list-style-type: none"> <li>Microsoft SQL Server 2012 SP1 + CU1</li> <li>Microsoft SQL Server 2012 RTM</li> <li>Microsoft SQL Server 2008 R2, SP2 + CU1</li> <li>Microsoft SQL Server 2008, SP3 + CU6</li> <li>Microsoft SQL Server 2008 R2 RTM</li> <li>Microsoft SQL Server 2008, SP2</li> </ul>

Technical Consideration	Description
Microsoft SQL Server Reporting Services	<p>Microsoft SQL Server Reporting Services:</p> <ul style="list-style-type: none"> <li>Must be installed and configured before you run the Vision installation. Follow the Microsoft documentation for your installation.</li> <li>Are supported in Native Mode configuration only. The SharePoint Integrated Mode is not supported.</li> </ul>
Windows Server with IIS	<p>Vision supports:</p> <ul style="list-style-type: none"> <li>Windows Server 2012 with IIS 8.0</li> <li>Windows Server 2008 with IIS 7.0</li> <li>Windows Server 2008 R2 with IIS 7.5</li> </ul>
Microsoft Windows	<p>Vision can be run as a client on any of the following:</p> <ul style="list-style-type: none"> <li>Microsoft Windows XP (SP3)</li> <li>Microsoft Windows Vista (SP2)</li> <li>Microsoft Windows 7 SP1</li> <li>Microsoft Windows 8</li> </ul>
Microsoft Internet Explorer	<p>Vision can be run with Microsoft Internet Explorer versions 10.0, 9.0, 8.0, and 7.0.</p>
Microsoft Office 2010	<ul style="list-style-type: none"> <li>Vision supports the 32-bit version of Microsoft Office 2010.</li> <li>Microsoft Office 2010 is also supported for use with Vision Connect for Microsoft Outlook.</li> </ul>
Microsoft Project	<p>Vision is compatible with:</p> <ul style="list-style-type: none"> <li>Microsoft Project 2010</li> <li>Microsoft Project 2007</li> </ul>
Vision Document Management	<p>Vision supports the following for Document Management:</p> <ul style="list-style-type: none"> <li>Microsoft SharePoint Server 2010 SP1</li> <li>Microsoft SharePoint Foundation Server 2010 SP1</li> <li>Microsoft SharePoint Server 2007 SP3</li> <li>Microsoft SharePoint Services 3.0 SP3</li> </ul> <p>Document Management is <b>not</b> supported on Windows Server 2012.</p>

Technical Consideration	Description
Vision Connect for Microsoft Outlook	<p>Vision Connect for Microsoft Outlook:</p> <ul style="list-style-type: none"> <li>Is <b>not</b> supported with Microsoft Windows 8.</li> <li>Is supported with Microsoft Office 2010.</li> </ul>




Supported versions are the most current, actively tested technologies used to deploy Vision. Compatible versions are recent technologies that have been tested for deploying Vision. However, these are not actively being tested but are believed to be compatible with Vision. For a full explanation of compatible versus supported versions, see the *Deltek Product Support Compatibility Matrix* document that you can download at the Deltek Customer Care Connect site.

## Full List of Supported SQL Server Software

For a full list of Microsoft SQL Server releases (R), service packs (SP), and cumulative updates (CU) that Vision supports, see the Deltek Product Support Compatibility Matrix. You can download this PDF file at the Deltek Customer Care Connect site.



A blue geometric graphic consisting of several overlapping triangles and polygons, located in the top-left corner of the page.

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