Brief

**Microsoft Software License Dependency Reference Guide** **October 2009**

**Corporate Academic ♦ Open License♦ Open License Value ♦ Select License ♦ Academic Select ♦ Enterprise Agreement**

# Summary

The Microsoft Software Product License Dependency Reference Guide is designed to help provide customers of Microsoft Volume Licensing (VL) programs with a comprehensive list of Microsoft software and other Microsoft software associated licenses that are required in order to use that software (“software stack”).

**What’s New in this Brief**

* This brief replaces a previous version published in April 2009. Significant changes in this new version include:
  + Updated product names and version numbers throughout to reflect Microsoft Volume Licensing product offerings as of October 2009.

**Details**

The information provided in this License Dependency Reference Guide is intended to help you understand the licensing requirements of software used in conjunction with one or more Microsoft products. For example, in order to use SQL Server software, a server needs to be assigned both a SQL Server license and an operating system (Windows Server) license.

This guide should be used and read in conjunction with the terms and conditions under which Microsoft products are licensed. If you acquire licenses under the Microsoft Volume Licensing Program (e.g., Enterprise Agreement or Select License) you should refer to the product use rights for the products and the program agreement under which the licenses are acquired. The type and number of licenses required may vary based on how and where you deploy the software.

More information is available in product documentation and online at: <http://support.microsoft.com/select/?target=hub> or <http://technet.microsoft.com/en-us/bb421517.aspx?wt.svl=techcentersflyout>.

To use the table: Identify the product you are licensing in the left column under ‘Product’. The ‘Dependency’ column describes the software licenses that you need in order to be properly licensed to run the Product and the products used in conjunction with it. You will have to acquire licenses for other software used in conjunction with the Product separately. Please note that for some products both a desktop and a server operating system are listed as a dependency. You may need to acquire only one of these based on your specific requirements.

NOTE: Information regarding Client Access Licenses (CAL) and External Connectors (EC) is provided at the end of this document.

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| **Product** | **Dependency** |
| BizTalk Server 2006 R2 Branch, Standard and Enterprise Editions | Windows Server, SQL Server |
| [For more details on BizTalk Server 2006 R2 see: http://www.microsoft.com/biztalk/techinfo/2006R2/sysreqs.mspx#E6](http://www.microsoft.com/biztalk/techinfo/2006R2/sysreqs.mspx#E6) | |
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| Commerce Server 2009 Standard and Enterprise Editions | Windows Server, SQL Server |
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| [For more details on Commerce Server 2007 see: http://technet.microsoft.com/en-us/commerceserver/bb643788.aspx](http://technet.microsoft.com/en-us/commerceserver/bb643788.aspx) | |
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| Connected Services Framework 3.0 | Windows Server, SQL Server, Operations Manager |
| Customer Care Framework 2008 | Windows Server, SQL Server |
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| Duet for Microsoft Office and SAP | Windows Server, SQL Server |
| [For more details on Duet for Microsoft Office and SAP : http://office.microsoft.com/en-us/duet/FX101686211033.aspx](http://office.microsoft.com/en-us/duet/FX101686211033.aspx) | |
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| Dynamics CRM 4.0 desktop client for Microsoft Outlook – Client Software | Windows Desktop Operating System, Microsoft Office |
| Dynamics CRM 4.0 Workgroup, Professional and Enterprise – Server Software | Windows Server, SQL Server, Exchange Server |
| [For more Dynamics CRM 4.0 details please see : http://www.microsoft.com/dynamics/crm/product/systemrequirements.mspx http://www.microsoft.com/crm](http://www.microsoft.com/crm) | |
| [To download the Implementation Guide: http://go.microsoft.com/fwlink/?LinkId=62461](http://go.microsoft.com/fwlink/?LinkId=62461) | |
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| Exchange Server 2007 Enterprise Edition | Windows Server |
| Exchange Server 2007 Standard Edition | Windows Server |
| Outlook 2007 Client for Exchange | Windows Desktop Operating System |
| [For more details on Exchange Server 2007 : http://www.microsoft.com/technet/prodtechnol/exchange/2007/evaluate/sysreqs.mspx](http://www.microsoft.com/technet/prodtechnol/exchange/2007/evaluate/sysreqs.mspx) | |
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| **Product** | **Dependency** |
| Expression Blend 3.0 | Windows Desktop Operating System |
| Expression Studio 3.0 | Windows Desktop Operating System |
| Expression Web 3.0 | Windows Desktop Operating System, Windows Server |
| Identity Lifecycle Manager 2007 | Windows Server, SQL Server |
| Identity Lifecycle Manager 2007 -- Windows Live Edition | Windows Server, SQL Server |
| [For more details on Identity Lifecycle Manager: http://www.microsoft.com/windowsserver/ilm2007/faq.mspx#EDD](http://www.microsoft.com/windowsserver/ilm2007/faq.mspx#EDD) | |
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| Internet Security and Acceleration Server 2006 Standard and Enterprise Editions | Windows Server |
| [For more details on Internet Security and Acceleration Server: http://technet.microsoft.com/en-us/library/cc304520.aspx](http://technet.microsoft.com/en-us/library/cc304520.aspx) | |
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| MapPoint 2010 Fleet Edition | Windows Desktop Operating System, Windows Server |
| MapPoint 2010 Standard Edition | Windows Desktop Operating System, Windows Server |
| Microsoft ESP | Windows Desktop Operating System |
| MSDN Operating Systems, Professional, and Premium | Windows Server, Windows Desktop Operating System |
| Office Access 2007 | Windows Server, Windows Desktop Operating System |
| [For more information on Office products: http://office.microsoft.com/en-us/access/HA101668651033.aspx](http://office.microsoft.com/en-us/access/HA101668651033.aspx) | |

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| **Product** | **Dependency** |
| Office Communications Server 2007 R2 Standard and Enterprise Editions | Windows Server, SQL Server |
| Office Communicator 2007 R2 | Windows Server, Windows Desktop Operating System |
| Office Communicator Online Standard | Office Communicator |
| [For more details on Office Communications Server 2007 http://office.microsoft.com/en-us/communicationsserver/default.aspx](http://office.microsoft.com/en-us/communicationsserver/default.aspx) | |
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| Office Enterprise 2007 | Windows Server, Windows Desktop Operating System |
| Office Excel 2007 | Windows Server, Windows Desktop Operating System |
| Office Groove 2007 | Windows Server, Windows Desktop Operating System |
| [For more information on Office products: http://office.microsoft.com/en-us/access/HA101668651033.aspx](http://office.microsoft.com/en-us/access/HA101668651033.aspx) | |
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| Office Groove Server 2007 Groove Data Bridge | Windows Server |
| Office Groove Server 2007 Groove Manager | Windows Server, SQL Server, Office Groove Server Groove Relay (deployed on a separate server) |
| Office Groove Server 2007 Groove Relay | Windows Server, Office Groove Server Groove Manager (deployed on a separate server) |
| [For more details on Office Groove Server 2007: http://office.microsoft.com/en-us/grooveserver/HA101945381033.aspx](http://office.microsoft.com/en-us/grooveserver/HA101945381033.aspx) | |

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| **Product** | **Dependency** |
| Office InfoPath 2007 | Windows Server, Windows Desktop Operating System |
| Office InterConnect 2007 | Windows Server, Windows Desktop Operating System |
| Office Multi Language Pack 2007 | Windows Server, Windows Desktop Operating System |
| Office OneNote 2007 | Windows Server, Windows Desktop Operating System |
| Office Outlook 2007 | Windows Server, Windows Desktop Operating System |
| Office Outlook 2007 with Business Contact Manager | Windows Server, Windows Desktop Operating System |
| [For more information on Office products: http://office.microsoft.com/en-us/access/HA101668651033.aspx](http://office.microsoft.com/en-us/access/HA101668651033.aspx) | |
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| Office PowerPoint 2007 | Windows Server, Windows Desktop Operating System |
| Office Professional Plus 2007 | Windows Server, Windows Desktop Operating System |
| Office Project 2007 Professional and Standard | Windows Server, Windows Desktop Operating System |
| Office Publisher 2007 | Windows Server, Windows Desktop Operating System |
| [For more information on Office products: http://office.microsoft.com/en-us/access/HA101668651033.aspx](http://office.microsoft.com/en-us/access/HA101668651033.aspx) | |

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| **Product** | **Dependency** |
| Office SharePoint Server 2007, Office SharePoint Server 2007 for Internet Sites, Office SharePoint Server 2007 for Search | Windows Server, SQL Server |
| [For more details on Office SharePoint Server 2007: http://office.microsoft.com/en-us/sharepointserver/HA101945391033.aspx](http://office.microsoft.com/en-us/sharepointserver/HA101945391033.aspx) | |
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| Office Small Business 2007 | Windows Server, Windows Desktop Operating System |
| Office Standard 2007 | Windows Server, Windows Desktop Operating System |
| Office Visio 2007 Professional and Standard Editions | Windows Server, Windows Desktop Operating System |
| Office Word 2007 | Windows Server, Windows Desktop Operating System |
| [For more information on Office products: http://office.microsoft.com/en-us/access/HA101668651033.aspx](http://office.microsoft.com/en-us/access/HA101668651033.aspx) | |
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| Project Portfolio Server 2007 | Windows Server, SQL Server |
| Project Portfolio Web Access | Windows Desktop Operating System |
| Project Server 2007 | Windows Server, SQL Server |
| Project Web Access 2007 | Windows Desktop Operating System |
| [For more details on Project Server 2007: http://office.microsoft.com/en-us/portfolioserver/HA101945401033.aspx](http://office.microsoft.com/en-us/portfolioserver/HA101945401033.aspx) | |

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| **Product** | **Dependency** |
| Software Licensing and Protection Services 2008 Standard and Enterprise Editions | Windows Server, SQL Server |
| SQL Server 2008 Express Edition | Windows Server, Windows Desktop Operating System |
| SQL Server 2008 Workgroup Edition | Windows Server, Windows Desktop Operating System |
| SQL Server 2008 Developer Edition | Windows Server, Windows Desktop Operating System |
| SQL Server 2008 Standard Edition | Windows Server, Windows Desktop Operating System |
| SQL Server 2008 Enterprise | Windows Server |
| SQL Server 2008 Web | Windows Server |
| [For more information on SQL Server 2005: http://technet.microsoft.com/en-us/library/ms143506.aspx](http://technet.microsoft.com/en-us/library/ms143506.aspx) | |
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| Streets and Trips 2010 | Windows Server, Windows Desktop Operating System |
| System Center Configuration Manager 2007 R2 | Windows Server, SQL Server |
| System Center Configuration Manager 2007 R2 with SQL Server 2005 Technology | Windows Server |
| [More detailed information can be found at http://technet.microsoft.com/en-us/library/bb680717.aspx](http://technet.microsoft.com/en-us/library/bb680717.aspx) | |
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| System Center Data Protection Manager 2007 | Windows Server, Windows Storage Server, SQL Server |
| [Additional information may be found at http://technet.microsoft.com/en-us/library/bb808800.aspx](http://technet.microsoft.com/en-us/library/bb808800.aspx) | |
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| System Center Essentials 2007 | Windows Server |
| [For more information please see http://technet.microsoft.com/en-us/sce/bb684929.aspx](http://technet.microsoft.com/en-us/sce/bb684929.aspx) | |
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| System Center Operations Manager 2007 R2 | Windows Server, SQL Server |
| System Center Operations Manager 2007 R2 with SQL Server 2005 Technology | Windows Server |
| [For additional information please see http://technet.microsoft.com/en-us/library/bb309428.aspx](http://technet.microsoft.com/en-us/library/bb309428.aspx) | |

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| **Product** | **Dependency** |
| System Center Reporting Manager 2006 | Windows Server, SQL Server |
| System Center Virtual Machine Manager | Windows Server, SQL Server |
| System Center Virtual Machine Manager 2008 Workgroup Edition | Windows Server, SQL Server |
| [For additional information please see http://technet.microsoft.com/en-us/library/bb740968.aspx](http://technet.microsoft.com/en-us/library/bb740968.aspx) | |
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| Windows 7 Professional Desktop Operating System Upgrade | Qualified Windows Desktop Operating System from an Original Equipment Manufacturer (OEM), retailer (Full Packaged Product - FPP) or through the Get Genuine Windows Agreement (GGWA). |
| Virtual Enterprise Centralized Desktop for Software Assurance | Windows Desktop Operating System from an Original Equipment Manufacturer (OEM), retailer (Full Packaged Product - FPP), through the Get Genuine Windows Agreement (GGWA), active Software Assurance, Windows Server (depending upon deployment) |
| Virtual Enterprise Centralized Desktop | Windows Server (depending upon deployment) |
| Microsoft Desktop Optimization Pack | Windows Desktop Operating System from an Original Equipment Manufacturer (OEM), retailer (Full Packaged Product - FPP), through the Get Genuine Windows Agreement (GGWA), active Software Assurance |
| For additional information about Windows 7 licensing please see http: <http://www.microsoft.com/windows/enterprise/how-to-buy.aspx>  [Learn about which operating systems qualify for a Windows 7 Professional Desktop Operating System Upgrade license.](http://download.microsoft.com/download/A/9/1/A9182CEC-8A2D-408F-864E-9E35B3CF1142/Qualifying%20Operating%20Systems%20for%20Windows%20Volume%20Licensing.xps)  For information about Get Genuine Windows Agreement (GGWA): <http://www.microsoft.com/piracy/knowthefacts/LegalizationSolutions.aspx> | |

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| **Product** | **Dependency** |
| Visual FoxPro 9.0 | Windows Server, Windows Desktop Operating System |
| Visual SourceSafe 2005 | Windows Server, Windows Desktop Operating System |
| Visual Studio Professional Edition 2008 | Windows Server, Windows Desktop Operating System |
| Visual Studio Team Development Edition 2008, Team Test Edition 2008, Team Architecture Edition 2008, Team Database Edition 2008 | Windows Server, Windows Desktop Operating System, Microsoft Office |
| Visual Studio Team Suite Edition 2008 | Windows Server, Windows Desktop Operating System, Microsoft Office |
| Visual Studio Team System 2008 Team Foundation Server with SQL Server 2005 Technology | Windows Server |
| Visual Studio Team System 2008 Test Load Agent | Windows Server, Windows Desktop Operating System, SQL Server Express Edition |
| Works 9.0 | Windows Server, Windows Desktop Operating System |

**Client Access License (CAL)/External Connector Dependency**

Some CALs/External Connectors for Microsoft software require that you have CALs/External Connectors for certain other functionality/software in order to be properly licensed.

Please refer to the table below for a comprehensive list:

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| **Additive CAL** | **Base CALs** |
| Windows Server 2008 Rights Management Services CAL | Windows Server CAL or Core CAL Suite |
| Windows Server 2008 Remote Desktop Services CAL | Windows Server CAL or Core CAL Suite or Enterprise CAL Suite |
| Dynamics CRM Full Use Additive CAL | Dynamics CRM Limited CAL |
| Exchange Server 2007 Enterprise CAL | Exchange Server 2007 Standard CAL, or;  Core CAL Suite, or;  Windows SBS 2008 CAL Suite (for any user or device that is accessing instances of the server software that are within an SBS domain), or;  Windows SBS 2008 CAL Suite for Premium Users or Devices (for any user or device that is accessing instances of the server software that are within an SBS domain), or;  Windows EBS 2008 CAL Suite (for any user or device that is accessing instances of the server software that are within an EBS domain), or;  Windows EBS 2008 CAL Suite for Premium Users or Devices (for any user or device that is accessing instances of the server software that are within an EBS domain) |
| Office Communications Server 2007 R2 Enterprise CAL | Office Communications Server 2007 R2 Standard CAL |
| Office SharePoint Server 2007 Enterprise CAL | Office SharePoint Server 2007 Standard CAL or Core CAL Suite |

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| **Additive External Connector** | **Base External Connector** |
| Windows Server 2008 Rights Management Services External Connector | Windows Server External Connector |
| Windows Server 2008 Remote Desktop Services External Connector | Windows Server External Connector |
| Dynamics CRM Full Use Additive External Connector | Dynamics CRM Limited External Connector |
| Office Communications Server 2007 R2 Enterprise External Connector | Office Communications Server 2007 R2 Standard External Connector |

**For More Information**

Questions regarding the information presented here should be directed to your Microsoft reseller or partner.