

Sage Abra HRMS v8 Hardware and Software Requirements and Recommendations



Sage Abra HRMS v8 Server

Server Requirements	
Processor	Intel Pentium IV 2.4 GHz or higher
Operating System	Install and configure one of the following operating systems: Windows Server 2003, Standard Edition, SP1 or later - or - Windows Server 2003, Enterprise Edition, SP1 or later Windows 2000 Server, Standard Edition Service Pack 4 (SP4) or later - or - Windows 2000 Server, Advanced Edition Service Pack 4 (SP4) or later
Database	SQL Server 2000 Desktop Engine (MSDE) - or - SQL Server 2000 Standard Edition Service Pack 3a (SP3a) or later (must be set up using mixed mode authentication) . - or - SQL Server 2005 Standard Edition (must be set up using mixed mode authentication). Note: SQL Server or MSDE is only required if the FoxPro version is not being used. No database installation is required for FoxPro systems.
Sage Abra HRMS	Sage Abra HRMS 8.10 or higher If you are installing Abra Alerts and Abra Workforce Connections on the same server, you must install Abra Alerts before installing Abra Workforce Connections. Netware is currently not supported.
RAM	Minimum: 512MB Recommended: 1024 MB Note: This is highly dependent on the size of the customer database and processing requirements.
Hard Drive	200MB available space for the product 1MB available space for each employee stored in the db (1GB per 1000 employees)
Drive	CD-ROM drive
Monitor	SVGA (800x600) resolution or higher. We recommend 1024x768.

MSDE is appropriate for organizations with 5 users or less. Organizations with more than 5 users should consider an alternative database.

More helpful information:

Information concerning SQL Server security, stability, and scalability is available at: <http://www.microsoft.com/sql/techinfo/default.asp>

Sage Abra HRMS v8 Hardware and Software Requirements and Recommendations



Sage Abra Workforce Connections Server

Including Abra eRecruiter, Abra ESS, and Abra Benefits Enrollment

Server Requirements	
Processor	<p>Intel XEON 2.4GHz or higher</p> <p>During Open Enrollment:</p> <p>Greater than 500 but less than 1,000 employees: Intel XEON 3.0GHz</p> <p>Greater than 1,000 but less than 3,000 employees: Dual Intel XEON IV 3.0 GHz</p> <p>Greater than 3,000 employees: Quad Intel XEON IV 3.0 GHz</p>
Operating System	<p>Install and configure one of the following operating systems:</p> <hr/> <p>Windows Server 2003, Standard Edition</p> <p>- or -</p> <p>Windows Server 2003, Enterprise Edition (for information about Windows Server 2003, Web Edition, refer to the note at the end of this table)</p> <p>Install and configure the Application Server, including:</p> <ul style="list-style-type: none"> • Microsoft Internet Information Services web server 6.0 and the World Wide Web Publishing Service • SMTP Service^{1, 3} • MDAC 2.8 (can be added automatically during install) • ASP.NET 2.0 (can be added automatically during install) <p>Use Manage Your Server to add and configure:</p> <ul style="list-style-type: none"> • the Application Server role, including ASP.NET • the Mail Server role, including your e-mail domain name <p>Refer to the <i>Abra Workforce Connections Technical Installation Guide for Windows 2003</i> for configuration information for IIS and SMTP.</p> <hr/> <p>Windows 2000 Server, Standard Edition Service Pack 4 (SP4)</p> <p>- or -</p> <p>Windows 2000 Server, Advanced Edition Service Pack 4 (SP4)</p> <p>Install and configure:</p> <ul style="list-style-type: none"> • Microsoft Internet Information Services (IIS) web server and the World Wide Web Publishing Service 5.01 • SMTP Service^{1, 2, 3} • Microsoft Internet Explorer 6 Service Pack 1 (SP1) • Microsoft .NET 2.0 Framework (can be installed automatically during product install) <p>1. You must install SMTP, but you only need to configure it if you will be setting up Abra Workforce Connections to send e-mails.</p> <p>2. IIS and SMTP are enabled during Windows 2000 Server installation</p> <p>3. For assistance on configuring the SMTP service for Windows 2000 server, you can refer to the Microsoft Knowledge Base article "HOW TO: Set Up and Configure an SMTP Virtual Server in Windows 2000" at: http://support.microsoft.com/?id=kb;en-us;Q308161</p> <p>You can also use SMTP online help for both Windows 2000 and Windows 2003 (all editions). This is located on the server where SMTP is installed at: file:\\%systemroot%\help\mail.chm</p> <p>Neither help option, however, eliminates the need for knowledge about the terms and concepts used in the descriptions. Proper SMTP configuration may require knowledge about networking, protocols, authentication methods, firewalls and configuration of the specific receiving mail server(s). For this reason, Sage Software Support cannot assist in SMTP configuration.</p>

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Sage Abra HRMS v8 Hardware and Software Requirements and Recommendations



Server Requirements (continued)	
Database	<p>SQL Server 2000 Desktop Engine (MSDE). This is the embedded database installed with Abra Workforce Connections.</p> <p>- or -</p> <p>SQL Server 2000 Standard Edition Service Pack 3 (SP3) or later (must be set up using mixed mode authentication).</p> <p>- or -</p> <p>SQL Server 2005 Standard Edition (must be set up using mixed mode authentication).</p> <p>Refer to the <i>Abra Workforce Connections Technical Installation Guide for Windows 2000</i> or the <i>Abra Workforce Connections Technical Installation Guide for Windows 2003</i> for configuration information for SQL Server 2005, SQL Server 2000 Service Pack 3 and Mixed mode authentication setup.</p>
Sage Abra HRMS	<p>Sage Abra HRMS 8.10 or higher</p> <p>To optimize performance when Sage Abra HRMS is using the FoxPro db, we recommend installing Abra Workforce Connections on the same server as Sage Abra HRMS. This is not a concern when Sage Abra HRMS is running on SQL Server or MSDE. If you are installing Abra Alerts and Abra Workforce Connections on the same server, you must install Abra Alerts before installing Abra Workforce Connections.</p> <p>Netware is currently not supported.</p>
RAM	<p>Minimum: 512 MB</p> <p>Recommended: 1024 MB for up to 1000 employees and 50 concurrent users.</p> <p>Add 128 MB for every additional 500 employees in Sage Abra HRMS</p> <p>- and -</p> <p>Add 128 MB for every additional 25 concurrent users (administrators, employees and applicants) in Abra Workforce Connections / eRecruiter.</p> <p>- and -</p> <p>Add 128 MB for every additional 250 applicants in eRecruiter.</p> <p>(Concurrent users are defined as the maximum number of users logged on to Abra Workforce Connections at the same time.)</p>
Hard Drive	<p>100MB available space for the server</p> <p>80MB plus 1MB additional available space for every 100 employees and 20MB for every 100 applicants (assumes average document attachment size of about 100kBytes per applicant) if using SQL Server 2000 Desktop Engine (MSDE). If you are using SQL Server on a separate server, similar requirements apply if the Automatically Grow File option is enabled for SQL.</p>
Drive	CD-ROM drive
Monitor	SVGA (800x600) resolution or higher. We recommend 1024x768.

MSDE is appropriate for organizations with 25 concurrent AWC / eRecruiter users or less. Organizations with more 25 concurrent AWC / eRecruiter users (administrators, employees, applicants) should consider SQL Server.

A note about Windows Server 2003, Web Edition:

SQL Server cannot be installed on the same server that is running Windows Server 2003 Web Edition. However, you can use SQL Server with Windows Server 2003 Web Edition if SQL Server resides on a different server.

MSDE (the embedded database installed with Abra Workforce Connections) can be installed on the same server that is running Windows Server 2003 Web Edition.

More helpful information:

Information concerning SQL Server security, stability, and scalability is available at the following link: <http://www.microsoft.com/sql/techinfo/default.asp>

Sage Abra HRMS v8 Hardware and Software Requirements and Recommendations



Sage Abra HRMS v8 and Abra Workforce Connections on Same Server

Server Requirements	
Processor	<p>Intel XEON 2.4GHz or higher</p> <p>During Open Enrollment for Abra Workforce Connections:</p> <p>Greater than 500 but less than 1,000 employees: Intel XEON 3.0GHz</p> <p>Greater than 1,000 but less than 3,000 employees: Dual Intel XEON IV 3.0 GHz</p> <p>Greater than 3,000 employees: Quad Intel XEON IV 3.0 GHz</p>
Operating System	<p>Install and configure one of the following operating systems:</p> <hr/> <p>Windows Server 2003, Standard E edition</p> <p>- or -</p> <p>Windows Server 2003, Enterprise Edition (for information about Windows Server 2003, Web Edition, refer to the note at the end of this table)</p> <p>Install and configure the Application Server, including:</p> <ul style="list-style-type: none"> • Microsoft Internet Information Services web server 6.0 and the World Wide Web Publishing Service • SMTP Service^{1,3} • MDAC 2.8 (can be added automatically during install) • ASP.NET 2.0 (can be added automatically during install) <p>Use Manage Your Server to add and configure:</p> <ul style="list-style-type: none"> • the Application Server role, including ASP.NET • the Mail Server role. <p>Refer to the <i>Abra Workforce Connections Technical Installation Guide for Windows 2003</i> for configuration information for IIS and SMTP.</p> <hr/> <p>Windows 2000 Server, Standard Edition Service Pack 4 (SP4)</p> <p>- or -</p> <p>Windows 2000 Server, Advanced Edition Service Pack 4 (SP4)</p> <p>Install and configure:</p> <ul style="list-style-type: none"> • Microsoft Internet Information Services (IIS) web server and the World Wide Web Publishing Service 5.01 • SMTP Service^{1, 2, 3} • Microsoft Internet Explorer 6 Service Pack 1 (SP1) • Microsoft .NET 2.0 Framework (can be installed automatically during product install) • MDAC 2.8 (can be added automatically during install) <p>1. You must install SMTP, but you only need to configure it if you will be setting up Abra Workforce Connections to send e-mails.</p> <p>2. IIS and SMTP are enabled during Windows 2000 Server installation</p> <p>3. For assistance on configuring the SMTP service for Windows 2000 server, you can refer to the Microsoft Knowledge Base article "HOW TO: Set Up and Configure an SMTP Virtual Server in Windows 2000" at: http://support.microsoft.com/?id=kb;en-us;Q308161</p> <p>You can also use SMTP online help for both Windows 2000 and Windows 2003 (all editions). This is located on the server where SMTP is installed at: file:\\%systemroot%\help\mail.chm</p> <p>Neither help option, however, eliminates the need for knowledge about the terms and concepts used in the descriptions. Proper SMTP configuration may require knowledge about networking, protocols, authentication methods, firewalls and configuration of the specific receiving mail server(s). For this reason, Sage Software Support cannot assist in SMTP configuration.</p>

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Sage Abra HRMS v8 Hardware and Software Requirements and Recommendations



Server Requirements (continued)	
Database	<p>SQL Server 2000 Desktop Engine (MSDE). This is the embedded database installed with Abra Workforce Connections.</p> <p>- or -</p> <p>SQL Server 2000 Standard Edition Service Pack 3 (SP3) or later (must be set up using mixed mode authentication).</p> <p>- or -</p> <p>SQL Server 2005 Standard Edition (must be set up using mixed mode authentication).</p> <p>Refer to the <i>Abra Workforce Connections Technical Installation Guide for Windows 2000</i> or the <i>Abra Workforce Connections Technical Installation Guide for Windows 2003</i> for configuration information for SQL Server 2005, SQL Server 2000 Service Pack 3 and Mixed mode authentication setup.</p>
Sage Abra HRMS	<p>Sage Abra HRMS 8.10 or higher</p> <p>If you are installing Abra Alerts and Abra Workforce Connections on the same server, you must install Abra Alerts before installing Abra Workforce Connections.</p> <p>Netware is currently not supported.</p>
RAM	<p>Minimum: 512 MB</p> <p>Recommended: 1024 MB for up to 1000 employees and 50 concurrent users.</p> <p>Add 128 MB for every additional 500 employees in Sage Abra HRMS</p> <p>- and -</p> <p>Add 128 MB for every additional 25 concurrent users (administrators, employees and applicants) in Abra Workforce Connections / eRecruiter.</p> <p>- and -</p> <p>Add 128 MB for every additional 250 applicants in eRecruiter.</p> <p>(Concurrent users are defined as the maximum number of users logged on to Abra Workforce Connections at the same time.)</p>
Hard Drive	<p>Product disk space requirements: 300MB available space to install both products.</p> <hr/> <p>Database disk space requirements: Abra HRMS Requirements: 1MB available space for each employee stored in the db (1GB per 1000 employees) AWC Requirements: 1MB additional available space for every 100 employees plus 20MB for every 100 applicants (assumes average document attachment size of about 100kBytes per applicant) if using SQL Server 2000 Desktop Engine (MSDE). If you are using SQL Server 2000 on a separate server, similar requirements apply if the Automatically Grow File option is enabled for SQL.</p>
Drive	CD-ROM drive
Monitor	SVGA (800x600) resolution or higher. We recommend 1024x768.

Performance may dictate moving the installed applications to a multi-server environment.

MSDE is appropriate for organizations with 5 administrative HRMS users or less and 25 concurrent AWC / eRecruiter users or less. Organizations with more than 5 administrative HRMS users or more than 25 concurrent AWC / eRecruiter users (administrators, employees, applicants) should consider SQL Server.

A note about Windows Server 2003, Web Edition:

SQL Server cannot be installed on the same server that is running Windows Server 2003 Web Edition. However, you can use SQL Server with Windows Server 2003 Web Edition if SQL Server resides on a different server.

MSDE (the embedded database installed with Abra Workforce Connections) can be installed on the same server that is running Windows Server 2003 Web Edition.

More helpful information:

Information concerning SQL Server security, stability, and scalability is available at the following link: <http://www.microsoft.com/sql/techinfo/default.asp>

Sage Abra HRMS v8 Hardware and Software Requirements and Recommendations



Client System Requirements

Client Requirements for Sage Abra HRMS	
Computer/Processor	Intel Pentium III or compatible 1.3 (GHz) or higher
Operating System	Windows 2000 or Windows XP
RAM	Windows 2000: 256 MB of RAM minimum; 512 MB of RAM or higher recommended Full install size: 10mb <hr/> Windows XP: 256 MB of RAM minimum; 512 MB of RAM or higher recommended Full install size: 10mb
Hard Drive	50MB available space required for client installed components
Display	XGA (1024 x 768) resolution or higher, using a High Color (16 bit) display setting or higher
Peripherals	Mouse or other compatible pointing device

Client Requirements for Web Access to Abra Workforce Connections Only	
Computer/Processor	Intel Pentium III or compatible 1.3 (GHz) or higher
Operating System	Windows Millennium Edition (Windows Me), Windows NT 4.0 high encryption version of Service Pack 6a (SP6a), Windows 2000 or Windows XP
Software	Microsoft Internet Explorer 6 Service Pack 1 (SP1)
RAM	Windows Me: 32 MB of RAM or higher Full install size: 8.7 MB (for Internet Explorer) <hr/> Windows NT 4.0 with SP 6a or higher: 32 MB of RAM or higher Full install size: 12.7 MB (for Internet Explorer) <hr/> Windows 2000: 32 MB of RAM or higher Full install size: 12 MB (for Internet Explorer) <hr/> Windows XP: 32 MB of RAM or higher Full install size: 12 MB (for Internet Explorer)
Hard Drive	50MB available space required for client installed components
Display	XGA (1024 x 768) resolution or higher, using a High Color (16 bit) display setting or higher
Peripherals	Modem or Internet Connections Mouse or other compatible pointing device