



## Computer System Requirements & Recommendations

### ***For ExitCare Server:***

#### **ExitCare 7.4 uses SQL Server for its data engine.**

ExitCare has been designed to work with all versions of MS SQL 2005 and MS SQL 2008, including the free MS SQL Server Express.

The free Express edition of MS-SQL Server is best suited for smaller installations. If your installation supports many concurrent users, we recommend the full version of MS-SQL 2005/08 for optimal performance.

The requirements for ExitCare will change if/when Microsoft changes its requirements for SQL. These requirements can change with little or no notice. The URL to check for the latest specifications is listed below the following table. As of December, 2008 the specifications, direct from Microsoft's website for MS-SQL 2008 Express are:

<b>Processor</b>	Pentium III-compatible or faster processor; Minimum 1.0 gigahertz (GHz). 2.0 GHz processor recommended
<b>Framework</b>	Before installing SQL Server 2008 Express Edition, you must download and install the .NET Framework 2.0 from this Microsoft Web site.
<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Windows XP with Service Pack 2 or later</li> <li>• Vista Home Basic and above (SQL Express SP1 and SQL Express Advanced SP2)</li> <li>• Windows Server 2003 SP2 /R2 standard, premium, enterprise, data center, web edition, small business, with or without Hyper-V</li> <li>• Windows Server 2008 Standard Server or better, with or without Hyper-V</li> <li>• Windows XP Embedded SP2 Feature Pack 2007</li> <li>• Windows Embedded for Point of Service SP2</li> </ul>
<b>Memory</b>	256 megabytes (MB) of RAM for SQL Server Express; 512 megabytes (MB) or more for SQL Server Express with Tools and Advanced Services. Recommended : 1 gigabyte (GB)
<b>Hard Disk</b>	<ul style="list-style-type: none"> <li>• During installation of SQL Server 2008, Windows Installer creates temporary files on the system drive. Before you run Setup to install or upgrade SQL Server, verify that you have at least 2.0 GB of available disk space on the system drive for these files. Requirement applies even if you install SQL Server components to a non-default drive.</li> <li>• Actual hard disk space requirements depend on your system configuration and features you decide to install.</li> <li>• 280 MB Database Engine and data files, Replication and Full –Text Search</li> <li>• 90 MB Analysis Services and data files</li> <li>• 120 MB Integration Services</li> <li>• 120 MB Reporting Services and Report Manager</li> <li>• 850 MB Client Components</li> <li>• 240 MB SQL Server Books Online and SQL Server Compact Books Online</li> </ul>
<b>Drive</b>	CD-ROM or DVD-ROM drive
<b>Display</b>	Super VGA (1,024x768) or higher-resolution video adapter and monitor
<b>Other Devices</b>	Microsoft Mouse or compatible pointing device
<b>Other</b>	Microsoft Internet Explorer 6.0 SP1 or later

Requirements	
<b>NOTES:</b>	<ul style="list-style-type: none"> <li>• SQL Server 2008 is not supported on Windows Server 2008 Server Core installations.</li> <li>• Before installing SQL Server 2008 you must install the .NET Framework 2.0 SP2 or .NET Framework 3.5 SP1. Installation of .NET Framework requires a restart of the operating system. Available as a download from Microsoft's Web site.</li> <li>• SQL Server Native Client</li> <li>• SQL Server Setup support files</li> <li>• Supported Network protocols are : Shared Memory, Named Pipes, TCP/IP and VIA</li> </ul> <p>Note: Share memory and VIA are not supported on failover clusters.</p> <ul style="list-style-type: none"> <li>• Virtualization technologies supporting SQL Server 2008 express and better will be slower than on a physical computer with the same physical resources.</li> </ul>

For more information on MS-SQL costs, specifications, hardware requirements, installation, etc., please consult the Microsoft SQL Server website at:

<http://msdn.microsoft.com/en-us/library/ms143506.aspx>

for system requirements please consult

<http://msdn.microsoft.com/en-us/library/ms143506.aspx#Express32>

**Additional ExitCare<sup>®</sup> specifications:**

An additional minimum of 1GB of hard drive space for the ExitCare Database and 50MB for the client. As patient record archives grow, there will be a need to make additional drive space available, which can amount to multiple GB's of space required. Note that ExitCare software allows the purging of data backwards from a particular date. Recommended minimum processor: Pentium P4 3 GB or AMD equivalent Recommended memory to be available to SQL Server Express: 1 GB

**For ExitCare HL7 Receiver:**

**Note:** The ExitCare® HL7 server may be placed on the same server as the SQL Server or on a separate system.

<b>Processor</b>	600-megahertz (MHz) Pentium III-compatible or faster processor; 1-gigahertz (GHz) or faster processor recommended
<b>Operating System</b>	<ul style="list-style-type: none"><li>• Windows XP with Service Pack 2 or later</li><li>• Windows Server 2003 Standard, Enterprise, or Datacenter editions, with Service Pack 1 or later</li><li>• Windows Small Business Server 2003 with Service Pack 1 or later</li></ul>
<b>Memory</b>	192 megabytes (MB) of RAM or more; 512 megabytes (MB) or more recommended
<b>Hard Disk</b>	<ul style="list-style-type: none"><li>• Approximately 10 GB of available hard-disk space for the recommended installation</li><li>• 20 GB Recommended</li></ul>
<b>Drive</b>	CD-ROM or DVD-ROM drive
<b>Display</b>	Super VGA (1,024x768) or higher-resolution video adapter and monitor
<b>Other Devices</b>	Microsoft Mouse or compatible pointing device

**For Fax Server:**

<b>Processor</b>	600-megahertz (MHz) Pentium III-compatible or faster processor; 1-gigahertz (GHz) or faster processor recommended
<b>Operating System</b>	<ul style="list-style-type: none"><li>• Windows XP with Service Pack 2 or later</li><li>• Windows Server 2003 Standard, Enterprise, or Datacenter editions, with Service Pack 1 or later</li><li>• Windows Small Business Server 2003 with Service Pack 1 or later</li><li>• Windows XP Embedded SP2 Feature Pack 2007</li></ul>
<b>Memory</b>	Check with your fax software vendor for memory requirements.
<b>Hard Disk</b>	<ul style="list-style-type: none"><li>• Approximately 50 MB of available hard-disk space for the recommended installation</li></ul>
<b>Drive</b>	CD-ROM or DVD-ROM drive
<b>Display</b>	Super VGA (1,024x768) or higher-resolution video adapter and monitor
<b>Other Devices</b>	Microsoft Mouse or compatible pointing device
<b>Required Fax Software:</b>	Microsoft Fax; other fax systems may work – check below
<b>Modem</b>	Any modem compatible with Microsoft Fax

### **ExitCare® Workstation:**

<b>Processor</b>	600-megahertz (MHz) Pentium III-compatible or faster processor; 1-gigahertz (GHz) or faster processor recommended
<b>Operating System</b>	<ul style="list-style-type: none"><li>• Windows XP with Service Pack 2 or later</li><li>• Windows Server 2003 Standard, Enterprise, or Datacenter editions, with Service Pack 1 or later</li><li>• Windows Server 2003 Web Edition SP1</li><li>• Windows Small Business Server 2003 with Service Pack 1 or later</li><li>• Vista Home Basic and above (SQL Express SP1 and SQL Express Advanced SP2)</li></ul>
<b>Memory</b>	1 gigabyte (GB) or more recommended for acceptable performance
<b>Hard Disk</b>	<ul style="list-style-type: none"><li>• Approximately 100 MB of available hard-disk space for the base installation</li></ul>
<b>Drive</b>	CD-ROM or DVD-ROM drive
<b>Display</b>	Super VGA (1,024x768) or higher-resolution video adapter and monitor
<b>Other Devices</b>	Microsoft Mouse or compatible pointing device
<b>Note:</b>	

### **PRINTING**

Color printing is highly recommended but not required (*Call ExitCare for more details before selecting*). Color printing choices include, among others, Xerox, Canon and HP models. Color ink-jet printing is an option, but color laser printing is continuing to improve in speed while coming substantially down in price. Always compare printer duty cycles with actual printing needs. Other factors include network capabilities and the need for and availability of multiple paper trays (for Rx printing). We estimate a color printing cost of about ten cents per patient for a single discharge instruction title. Most Windows-based laser or ink-jet printers can be used. For Rx printing, "label printers" such as Star Micronics products can be used.

### **OTHER SOFTWARE:**

- **Faxing:** Microsoft Fax, Genifax, or RightFax for faxing prescriptions to pharmacies, or the Patient Signature Page to follow-up providers. Contact ExitCare development for more details.
- **E-Mail:** Fully MAPI compliant e-mail program for e-mailing prescriptions to pharmacies or discharge instructions to follow-up providers. For example, Outlook (full) works, but Outlook Express does not.

### **LANGUAGES**

Some language choices available in ExitCare require the use of a particular font. ExitCare currently uses a font that is available within supported Windows versions.

In the case Windows fonts such as Batang which is used for Korean, it is not installed by default. In such cases, this font needs to be available on systems running ExitCare and so the healthcare organization must take necessary steps to install such fonts on those systems.