

# SpringCharts EHR System Requirements

*Updated January 1, 2016*

SpringCharts requires uninterrupted access to a minimum level of system resources. As a result, it is recommended that the SpringCharts EHR Server and practice management software be located on a dedicated server-class machine with a server-class operating system.

Resource requirements need to be adjusted for additional applications that are running on the server. Spring Medical recommends against using the server machine for any other applications including an active (daily use) client machine.

It is expressly recommended that highly resource-intensive programs and/or programs that may intermittently usurp the majority of system processing capacity or network bandwidth not be run at the same time as SpringCharts.

Examples of these types of programs are:

- Virus scans of the entire hard drive (scans of individual files are acceptable)
- Streaming audio/video programs
- And certain backup programs (when activated)

## Network Requirements

A TCP/IP network (standard Ethernet network) using commercial grade components. SpringCharts will operate in a wireless networking environment. It is recommended to use wired connections for the SpringCharts server and as many workstations as possible.

## Integrated Features & Functions

To use the integrated email functions, SpringScripts, integrated fax, SpringLabs, or the SpringCharts Patient Portal, a broadband Internet connection is required (T1, cable modem).

## Java Requirements

SpringCharts is now installed with a dedicated version of Java on the server and each client machine. Machine-level Java issues such as unexpected Java updates and mismatched Java releases are no longer an issue for SpringCharts EHR. However, several utilities continue to require Java installed at machine level on the server machine. We recommend Java 8.1.45 or higher for dedicated SpringCharts server machines. Some practices are required to run earlier versions for Java-dependent programs such as Mirth. For those environments, there are no known issues with our utilities running with Java 1.7.

## Daily Backup Recommended

Spring Medical recommends daily server backup with offsite data storage. There are many commercial services available. Spring Medical can recommend a solution if you need assistance in choosing a backup service provider.

## Technician Review & Recommendations

Customers with current maintenance contracts in good standing may request an annual system review to assist practices in keeping the best possible SpringCharts operating environment. A technician will assess your system and make recommendations for OS, server, and client machines updates if indicated. This assessment does not include security assessment or installation of computer hardware or other devices outside of the scope of SpringCharts support.

# Windows Operating System

## SpringCharts Server Hardware Operating System Requirements

Server Operating System	Minimum	Recommended
<b>Server Class OS</b>	Windows Server 2008 (64-bit)	Windows Server 2012 (64-bit)
<b>Workstation Class OS</b>	Windows 8 (64-bit)	Windows 10 (64-bit) or newer*

*Note: 32-bit operating systems are no longer supported. For practices running SpringCharts EHR and SpringCharts PM on the same server, we highly recommend multiple processors with increased RAM running server class OS software to prevent performance issues.*

## SpringCharts Server Hardware Requirements

*For Windows systems, SpringCharts will only be supported on versions Windows Server 2008, Windows Server 2012, and Windows 8+ or higher.*

Hardware	Minimum	Recommended
<b>Processors</b>	Intel i5 2.2 GHz quad core processor or equivalent	Xeon 2.4 GHz quad core processor or equivalent
<b>RAM (Memory)</b>	8 GB	16 GB
<b>Available Disk Space</b>	**700 MB	**700 MB

## Windows SpringCharts Client Workstation Hardware and Operating System Requirements

Hardware	Minimum	Recommended
<b>Processor</b>	Intel Core i3 2.2 GHz dual core processor or equivalent	Intel Core i5 quad core processor or equivalent
<b>RAM (Memory)</b>	4 GB	8 GB
<b>Available Disk Space</b>	500 MB	500 MB
<b>Monitor</b>	1024 x 768	1280 x 800 or better
<b>Client OS</b>	Windows 7	Windows 8 or newer*

*\* We recommend customers wait at least 120 days to install or upgrade any new operating system.*

*\*\*SpringCharts needs approximately 500 MB for the install and basic practice information loaded to the database. The size of the database in active use varies greatly depending on the practice and the way they use SpringCharts. Some practices use up to 100 GB.*

# Mac OS X Operating System

## SpringCharts Server Hardware and Operating System Requirements

Hardware	Minimum	Recommended
<b>Processors</b>	Intel i5 2.2 GHz quad core processor or equivalent	Xeon 2.4 GHz quad core processor or equivalent
<b>RAM (Memory)</b>	8 GB	16 GB
<b>Available Disk Space</b>	**700 MB	**700 MB
<b>OS X</b>	10.7 "Lion"	10.9 "Mavericks" or newer*

## SpringCharts Client Workstation Hardware and Operating System Requirements

Hardware	Minimum	Recommended
<b>Processor</b>	Intel Core i3 2.2 GHz dual core processor or equivalent	Intel Core i7 quad core processor or equivalent
<b>RAM (Memory)</b>	4 GB	8 GB
<b>Available Disk Space</b>	500 MB	500 MB
<b>Monitor</b>	1024 x 768	1280 x 800 or better
<b>Client OS</b>	10.7 "Lion"	10.9 "Mavericks" or newer*

\* We recommend customers wait at least 120 days to install or upgrade any new operating system.

\*\*SpringCharts needs approximately 500 MB for the install and basic practice information loaded to the database. The size of the database in active use varies greatly depending on the practice and the way they use SpringCharts. Some practices use up to 100 GB.