

SpringCharts for Linux Upgrade Guide

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Overview

SpringCharts EMR is an electronic medical records software suite based on the latest industry standard Java technology. SpringCharts is available in two different system configurations: Single Computer, or Networking Option. The Upgrade instructions vary slightly for the two configurations, and appear later in this Guide.

The instructions in this document assume that there is an existing version of SpringCharts installed on the computer(s). The Upgrade instructions only update SpringCharts. If you are a new user, you must do a complete install of SpringCharts. New installation instructions are beyond the scope of this Guide.

System Requirements

Overall system requirements are:

- A TCP/IP network (standard Ethernet network).
- A printer.
- To use the integrated Email functions, an Internet connection is required (cable modem, ISDN, DSL).
- Network access to a computer with a CD-ROM drive.
- 256 MB of memory.
- Java Runtime Environment (JRE) 1.4.2 or later must be installed on all Windows or Linux computers that run SpringCharts EMR. Mac OS X already has the correct Java support for SpringCharts. (See [Obtaining and installing the Java Runtime Environment](#) section below.)
 - 100 MB of disk space is required for the JRE installation.

The minimum requirements for **SpringCharts Single Computer Version** are:

- A 400 MHz, or faster, processor.
- 400 MB available disk space.
- A computer running one of the following operating systems: Windows 98 or above, MacOS X or above, or Linux Red Hat Version 7 or above.
- An activation key code. The first time SpringCharts is run, it must be activated with a valid activation key. The key should have been received at the time of purchase. If not, please contact your sales representative.

The minimum Server requirements for **SpringCharts Networking Option** are:

- A 400 MHz, or faster, processor.
- 400 MB available disk space.

- Two or more computers running the following operating systems: Windows 98 or above, MacOS X or above, or Linux Red Hat Version 7 or above. (The computers do not need to be running the same operating system.)
- An activation key code. The first time SpringCharts is run, it must be activated with a valid activation key. The key should have been received at the time of purchase. If not, please contact your sales representative.

The minimum Client requirements for **SpringCharts Networking Option** are

- A 300 MHz, or faster, processor
- 5.5 MB available disk space.
- One or more computers running the following operating systems: Windows 98 or above, MacOS X or above, or Linux Red Hat Version 7 or above. (The computers do not need to be running the same operating system.)

Verifying the Java Runtime Environment (JRE) 1.4.2

The Java Runtime Environment is distributed free of charge. Check to see if the computer has an up-to-date version of the JRE installed:

- Go to a console prompt, and type *java -version* and press Enter. There should be a space between “*java*” and “*-version*”.
- The java version should say “1.4.2” , or higher.

If the JRE version is older (below) 1.4.2, it must be updated.

- Download the JRE file from:
http://www.SpringMedical.com/Distribution/JRE/j2re-1_4_2_03-linux-i586-rpm.bin
- Copy the file *j2re-1_4_2_03-linux-i586-rpm.bin* to the location where you want to install it.
- Set the permissions on the file to 777 (at a console prompt, type *chmod 777 j2re-1_4_2_03-linux-i586-rpm.bin*)
- Run the .bin file (at a console prompt, type *./j2re-1_4_2_03-linux-i586-rpm.bin*)
- Accept the license agreement, and the file will unpack and extract to a new file called *j2re-1_4_2_03-fcs-linux-i586.rpm*.
- su to root, if not already.
- Run the .rpm file (at a console prompt, type *rpm -iv j2re-1_4_2_03-fcs-linux-i586.rpm*). This will install the JRE packages.

Upgrading SpringCharts Networking Option

Upgrading SpringCharts Server (Networking Option) details

Warning!

DO NOT proceed with these instructions until you have performed a Backup of your SpringCharts files.

To upgrade SpringCharts Server (Networking Option):

1. Login to the computer as a user with root privileges.
2. Quit all SpringCharts Server and SpringCharts Client programs.
3. Find the current location of SpringCharts Server files on your computer:
 - For some early versions of SpringCharts Version 4.5, the default installation location was /usr/local/bin/SCServer/SCServer. If you have this configuration, please contact Spring Medical Systems Support for assistance in updating the SpringCharts directory structure.
 - For SpringCharts Version 5.0 and above, the default installation location was /usr/local/bin/SCServer. This is the recommended directory structure.

Make certain you know the location of your current SpringCharts Server files before continuing with this Upgrade.

4. Obtain the SC65_NetworkingOptionUpg_lx.zip file, either by downloading it, or locating it on the SpringCharts Installation CD in the Upgrade Installations folder.
5. Extract the entire contents of the SC65_NetworkingOptionUpg_lx.zip file. This will create two directories, 'PutOnServer' and 'PutOnClient', and one file called 'WARNING.rtf'. The WARNING file will be discussed in Step 7 below.
6. Inside the 'PutOnServer' directory you will find a file called SpringChartsServer.jar. Replace your current /usr/local/bin/SCServer/SpringChartsServer.jar file with this newer version from the 'PutOnServer' directory.
7. Inside the 'PutOnServer' directory you will find another directory called 'PutInMUDData', and inside the 'PutInMUDData' directory you will find several files. Two files are called EandMPrefs, and routingform. Also included are several files that begin with either "CPT" or "ICD". Read the 'WARNING' file (mentioned in Step 5 above) now. It is a reminder about the potential to overwrite files used for the E&M Coder, and the Spell Checker.

First, copy the routingform file into the /usr/local/bin/SCServer/MUDData directory.

Then, choose ONE of the two options below.

- If you are Upgrading from SpringCharts Version 5.0 and above, you may already have an EandMPrefs file in your current /usr/local/bin/SCServer/MUData directory. If so, do nothing with this new file. You do not want to overwrite your current file with the new file.
- If you are Upgrading from SpringCharts Version 4.5, and/or you do not have an EandMPrefs file in your current /usr/local/bin/SCServer/MUData directory, copy the new EandMPrefs file into the /usr/local/bin/SCServer/MUData directory.

Last, copy all the files that begin with “CPT” and “ICD” into the /usr/local/bin/SCServer/MUData directory. Allow these new files to overwrite the older files already in the MUData directory.

8. Before you can begin running SpringCharts, all the SpringCharts Clients must also be Upgraded to the same version of SpringCharts as the Server. To Upgrade the Clients, see the next section titled **Upgrading SpringCharts Client (Networking Option) details**.

Upgrading SpringCharts Client (Networking Option) details

Warning!

DO NOT proceed with these instructions until you have performed a Backup of your SpringCharts files.

To upgrade SpringCharts Client (Networking Option):

1. Login to the computer as a user with root privileges.
2. Quit all SpringCharts Server and SpringCharts Client programs.
3. Find the current location of SpringCharts Client files on your computer:
 - For some early versions of SpringCharts Version 4.5, the default installation location was /usr/local/bin/SCClient/SCClient. If you have this configuration, please contact Spring Medical Systems Support for assistance in updating the SpringCharts directory structure.
 - For SpringCharts Version 5.0 and above, the default installation location was /usr/local/bin/SCClient. This is the recommended directory structure.

Make certain you know the location of your current SpringCharts Client files before continuing with this Upgrade.

4. Obtain the SC65_NetworkingOptionUpg_1x.zip file, either by downloading it, or locating it on the SpringCharts Installation CD in the Upgrade Installations folder.
5. Extract the entire contents of the SC65_NetworkingOptionUpg_1x.zip file. This will create two directories, ‘PutOnServer’ and ‘PutOnClient’, and one file called ‘WARNING.rtf’. The WARNING file will be discussed in Step 7 below.

6. Inside the 'PutOnClient' directory you will find a file called SpringChartsClient.jar. Replace your current /usr/local/bin/SCClient/SpringChartsClient.jar file with this newer version from the 'PutOnClient' directory.
7. Inside the 'PutOnClient' directory you will find another directory called 'PutInMUDData', and inside the 'PutInMUDData' directory you will find a file called spelldict2.txt. Read the 'WARNING' file (mentioned in Step 5 above) now. It is a reminder about the potential to overwrite files used for the E and M Coder, and the Spell Checker.

Choose ONE of the two options below.

- If you are Upgrading from SpringCharts Version 5.0 and above, you may already have a spelldict2.txt file in your current /usr/local/bin/SCClient/MUDData directory. If so, do nothing with this new file. You do not want to overwrite your current file with the new file.
 - If you are Upgrading from SpringCharts Version 4.5, and/or you do not have a spelldict2.txt file in your current /usr/local/bin/SCClient/MUDData directory, copy the new spelldict2.txt file into the /usr/local/bin/SCClient/MUDData directory.
8. You are ready to being running your new updated SpringCharts.

Upgrading SpringCharts Single Computer Version

Warning!

DO NOT proceed with these instructions until you have performed a Backup of your SpringCharts files.

To upgrade SpringCharts Single Computer Version:

1. Login to the computer as a user with root privileges.
2. Quit all SpringCharts programs.
3. Find the current location of SpringCharts files on your computer:
 - For some early versions of SpringCharts Version 4.5, the default installation location was /usr/local/bin/SCharts/SCharts. If you have this configuration, please contact Spring Medical Systems Support for assistance in updating the SpringCharts directory structure.
 - For SpringCharts Version 5.0 and above, the default installation location was /usr/local/bin/SCharts. This is the recommended directory structure.

Make certain you know the location of your current SpringCharts files before continuing with this Upgrade.

4. Obtain the SC65_SCVUpgrade_lx.zip file, either by downloading it, or locating it on the SpringCharts Installation CD in the Upgrade Installations folder.
5. Extract the entire contents of the SC65_SCVUpgrade_lx.zip file. This will create one directory and two files. The directory is called 'PutInMUDData'. One file is called SpringCharts.jar, and the other file is called 'WARNING.rtf'. The WARNING file will be discussed in Step 7 below.
6. Replace your current /usr/local/bin/SCharts/SpringCharts.jar file with this newer version from the extracted files.
7. Inside the 'PutInMUDData' you will find several files. Three files are called EandMPrefs, routingform, and spelldict2.txt. Also included are several files that begin with either "CPT" or "ICD". Read the 'WARNING' file (mentioned in Step 5 above) now. It is a reminder about the potential to overwrite files used for the E&M Coder, and the Spell Checker.

First, copy the routingform file into the /usr/local/bin/SCharts/MUDData directory.

Then, choose ONE of the two options below.

- If you are Upgrading from SpringCharts Version 5.0 and above, you may already have an EandMPrefs file and a spelldict2.txt file in your current /usr/local/bin/SCharts/MUDData directory. If so, do nothing with these new files. You do not want to overwrite your current files with the new files.
- If you are Upgrading from SpringCharts Version 4.5, and/or you do not have an EandMPrefs file and/or a spelldict2.txt file in your current /usr/local/bin/SCharts/MUDData directory, copy the new EandMPrefs file and/or the spelldict2.txt file into the /usr/local/bin/SCharts/MUDData directory.

Last, copy all the files that begin with "CPT" and "ICD" into the /usr/local/bin/SCharts/MUDData directory. Allow these new files to overwrite the older files already in the MUDData directory.

8. You are ready to being running your new updated SpringCharts.

Installation Assistance

If you purchased SpringCharts from a reseller, please contact your reseller for assistance.

If you purchased SpringCharts directly from Spring Medical Systems, Inc., please email or call us at:

Customer Support: Support@SpringMedical.com

(281) 376-8567