

Transferring KeyesFax from one Computer to Another

The following instructions can be used to transfer KeyesFax to a different System i (iSeries or AS/400) computer, or to a different partition on a computer. Step by step instructions will guide you through the process.

If you are installing a new version of KeyesFax to the new computer, rather than transferring the existing library, please refer to the "KeyesFax Manual". Complete installation instructions can be found in the *Introduction* section.

___ Step 01 **Sign on as a Security Officer**

The following installation procedure will require that you have enough authority to be able to create subsystems, communication controllers and devices.

___ Step 02 **Restoring KeyesFax Library from the other System**

Save the entire library (usually called KFLIB) from the original computer and restore it onto the new computer, as you would any other library.

___ Step 03 **Enter your KeyesFax License number**

The KeyesFax system will not function unless the system is activated with a license number. The license number is based on your System i (iSeries or AS/400) Serial Number, the Logical Partition that you are using, the number of fax lines, and the Version number that you are installing. If your new system has the same Serial Number and you are running it in the same Logical Partition, you may skip this step.

You may contact Computer Keyes to get your new license number. The KFLICENSE command described below will tell you what the Serial Number is and Logical Partition that you are running on.

1. Switch your current library to your KeyesFax library, usually called KFLIB.

Enter: CHGCURLIB KFLIB

2. Start up the program that will record your KF License.

Enter: KFLICENSE

3. Key your new KF License number in the field provided, then press **Enter**.

___ Step 04 **Update the KeyesFax Subsystem and Communication Objects**

The KeyesFax programs run in their own subsystem, called FAXCOM, with their own job queues, job descriptions, message queues, etc. This step will recreate the subsystem and the communication objects for each line, to work with the current hardware. Even though all the subsystem objects appear to have been restored from the other computer, they are not all functional. You will still need to run these steps.

Recreating the Fax Subsystem:

1. Change your current library to your KeyesFax library (KFLIB). This is important because the objects being created in the next step will be placed in your current library.

Enter: CHGCURLIB KFLIB

2. Recreate the KeyesFax Subsystem.

Enter: CRTFAXSBS

Recreating the Fax Com Objects for each fax line:

1. Determine the resource name and type of the communications port.

Enter: WRKHDWRSC *CMN

2. Note the resource name listed for the V.24 Port or Comm Port that you will be using. Also note the type of I/O port (2745, 2771, 576C, etc.)

3. Change your current library to your KeyesFax library (KFLIB). This is important because the objects being created in the next step will be placed in your current library.

Enter: CHGCURLIB KFLIB

4. Create the Fax Communication Objects for each fax line.

Type: CRTFAXCOM and press F4 to prompt it

Fill out the fax-line, resource-name, integrated-modem, line-speed, and flow control parameters. Use the **Help** key for assistance with the line-speed and flow control parameters. The correct values will depend on the type of I/O port you are using.

5. Repeat step 4 for each fax line. Be sure to use a different resource name for each line.

Updating the Fax Setup parameters:

Because you have recreated the Communication objects for the fax line(s), you may need to alter the '*Modem initialization string*' parameter in the Fax Setup. Version 9.1 and higher, can use either Hardware Flow Control or Software Flow Control between the I/O ports and the modems. Use the **Help** key for assistance with the value for the '*Modem initialization string*'. Some configurations will use a -blank- value. This can be done using option 2 (*Fax Communications Setup*) on FCMENU. Enter quote-space-quote (' ') in the setup parameter if you need to blank it out.

Restarting KeyesFax

If all the previous steps have been completed, you are now ready to restart the KeyesFax system.

___ Step 05 **Starting the Fax Lines**

Starting the KeyesFax lines will activate the entire system and start processing spooled files from the FAXCOM output queue.

1. Start item 1 *Work with Fax Lines* from the Fax Communication menu (FCMENU).
2. Use option 1 to start each fax line.
3. Watch the Status field, using **F5** (Refresh) periodically. If the system is functioning properly, the status of each fax line should change from STR to RDY or SND within 15 to 20 seconds.

End of Transfer

This concludes the transfer. If you have not been able to complete any of these instructions, please contact Computer Keyes for assistance. We would be happy to help you.

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