


WinSCP Automation and Scripting using Windows Task Scheduler

This guide demonstrates how to script an automated job that places files on or pulls files from an sFTP account on WinSCP using Windows Task Scheduler.

1. Modify the script (use the template and the example screenshot below) in Notepad, Notepad ++, or other editable client based on your facility, your server, and the sFTP account information that has been provided to you by InductiveHealth:

```
# Automatically abort script on errors
option batch abort
# Disable overwrite confirmations that conflict with the previous
option confirm off
# Connect
open sftp://userid??@hostname??:port#?/? -privatekey=c:\directory\where\key\stored\user??.ppk -
passphrase=??
# Change remote directory
cd
cd /incoming
# Force binary mode transfer
option transfer binary
# push to sftp from the source directory, switched to delete after it is pushed
put -delete c:\directory\where\data\stored\*.hl7
# Disconnect
close
# Exit WinSCP
Exit
```



```
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3 # Disable overwrite confirmations that conflict with the previous
4 option confirm off
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6 open sftp://userid??@hostname??:port#?/? -privatekey=c:\directory\where\key\stored\user??.ppk -
7 passphrase=??
8 # Change remote directory
9 cd
10 cd /incoming
11 # Force binary mode transfer
12 option transfer binary
13 # push to sftp from the source directory, switched to delete after it is pushed
14 put -delete c:\directory\where\data\stored\*.hl7?
15 # Disconnect
16 close
17 # Exit WinSCP
18 Exit
```

Update this to the sFTP userid

Update this to the directory where the .ppk key is stored on your local server/computer

Update this to the sFTP passphrase previously provided

Update this to the directory where the ELR files are stored on your local server/computer

** Note: You should include the file suffix you typically use or use the *.* wildcard if all files in the directory should be sent and this directory has no subdirectories

2. With the script file edited and localized to your needs, the next step is to automate a command line method to run the script. There are multiple methods of how this can be accomplished. We will provide guidance on one of those methods: Using the “Start a Program” within Windows Task Scheduler.

Step 1: Create a new task in Windows Task Scheduler

Step 2: Schedule the triggers

Step 3: Create a new action: Start a program

Step 4: Settings: Program/script should aim at the WinSCP.com installed on the machine

Step 5: Add argument should read:
/script=**NameOfScript.txt**

Optional, if generation of a log file is preferred, include the log switch: /script=**NameOfScript.txt**
/log=**NameOfLog.log**

Step 6: Start in is the default directory for the task to look for the script and log files. For instance, if WinSCP.com is located in C:\sftp and the script is in c:\sftp\scripts and the log file should go into c:\sftp\scripts, then Start in should read: C:\sftp

Step 7: Save the task, which is now ready to use.

