



Applying System Software Updates

Overview

This Application Note explains how to use script files in conjunction with MAXimilian™ 2.0 to apply system software updates. Scripts are lists of AP commands that are used with the SYSMMSG port to apply software updates.

Script files:

- Are read-only and consist of unformatted ASCII text
 - Must be downloaded before applying them to your HCX system
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Editing, modifying, or misusing the Hitachi script files is a violation of the software agreement and is not allowed.

Requirements

To use this service, you must:

- Be an HCX Certified Technician
 - Be proficient with Microsoft Windows® and MAXimilian 2.0
 - Have a MAXimilian 2.0 CMAT Emulation Software license
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Contents

This Application Note provides information for script session:

- Operations:
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Operations

Overview

This section provides instructions for operations that must occur to apply system software updates:

- 1 Log onto the HCX
- 2 Start the script session
- 3 End the script session

If you need to interrupt the script session, refer to [How to stop the script session](#) on page 6.

If you receive a warning message during a script session, refer to [Troubleshooting](#) on page 7.

Before you begin

Script files must be downloaded from Hitachi Telecom USA Inc., to your computer before connecting to the HCX to apply the scripts.

How to log on to the HCX

Follow these steps to log on to the HCX in SYSMSG mode.

- 1 Dial into the HCX using MAXimilian 2.0 to connect to a VCMAT or RMAT port. You can also directly connect to a VCMAT on site.
- 2 When the first decision screen appears, enter **1** to select the SYSMSG mode. Script files can only be run in this mode.
- 3 Log onto the HCX by entering the password and press **ENTER**. The password must be in capital letters.
- 4 Enter the password command string using the format below: and press **ENTER**.

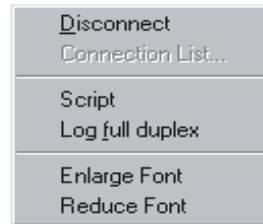
SCC:OPN,OSC=\$[password]\$,USID=[your initials],T=99;

Note: The password command line string must end with a semi-colon. Do not type the brackets [] in the above command string; type only the information needed for those fields

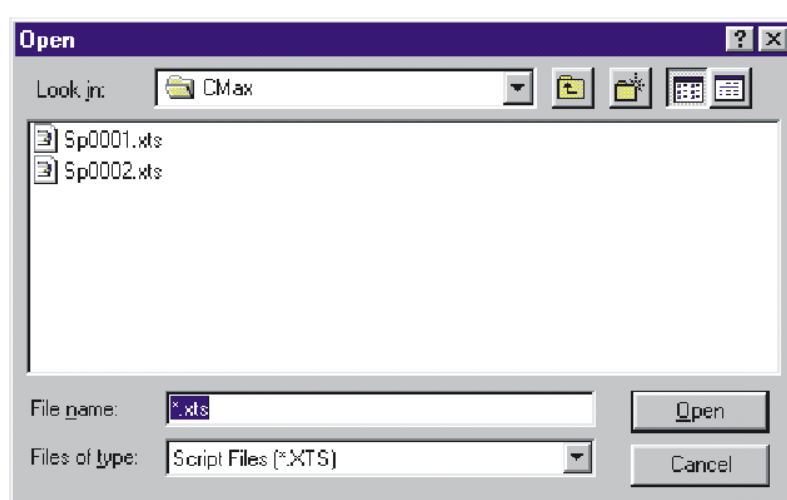
- 5 Press **ENTER** to execute the command.
 - ❖ You are now logged on to the HCX in SYSMSG mode.
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How to start the script session You can begin the script session after logging on to the HCX in SYSMMSG mode.

- 1 Right-click in the session window and select **Script**.



- ❖ The **Open** window opens and the **Look in** drop down box defaults to the CMax folder.
- 2 Click the **Look in** drop down box to select the folder that contains the script files for your current software level.



- 3 Select the script file to open. This script is one number higher than the current update level of the HCX.

Example: If the HCX is at update level 0008, then select script 0009.xts.

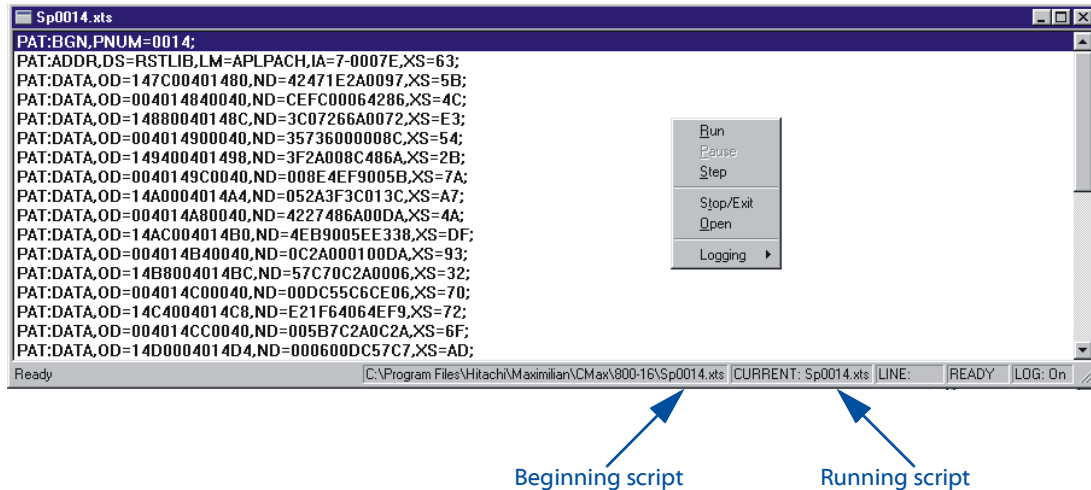
- 4 Open the file. Either double-click the file or click the file and then click **OPEN**.
- 5 The Script Command window opens and shows the update number. Verify that the information is correct.

continued on next page

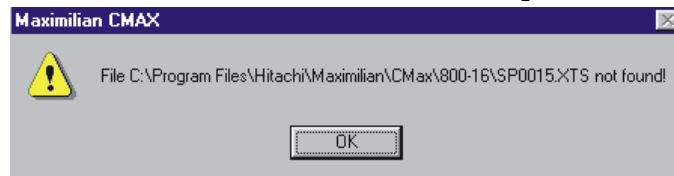
How to start the script session, continued

- 6 Right-click in the Script Command window and select **RUN**.
 - ❖ The script application starts and executes the command lines in the script.

The status bar located at the bottom of the Script Command window shows the current file location, the beginning script, and the script that is currently running.



- 7 When the last script finishes, a caution message alerts you that the next script is not found. Click **OK** to return to the Open window.

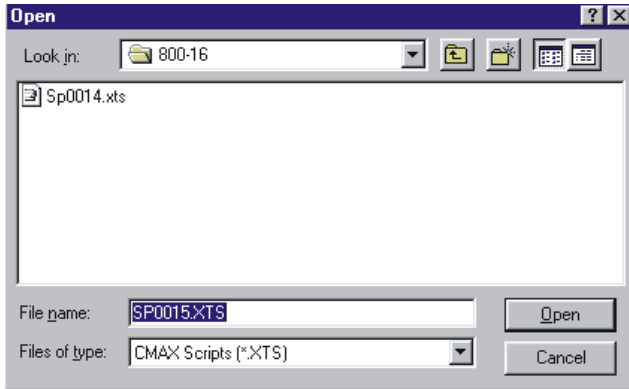


- 8 If there are no error messages, complete the session following the instructions in [How to end the script session](#) on page 5.

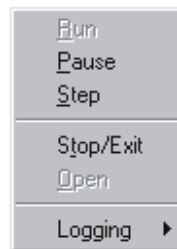
How to end the script session

If you receive no error messages after the last script finishes, follow these instructions to end the script session.

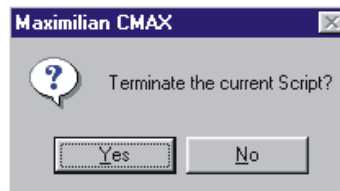
- 1 From the Open window, click **Cancel**.



- 2 Right-click in the Script Command window and select **Stop/Exit**.



- 3 Click **Yes** to terminate the script and open the SYSMMSG window.

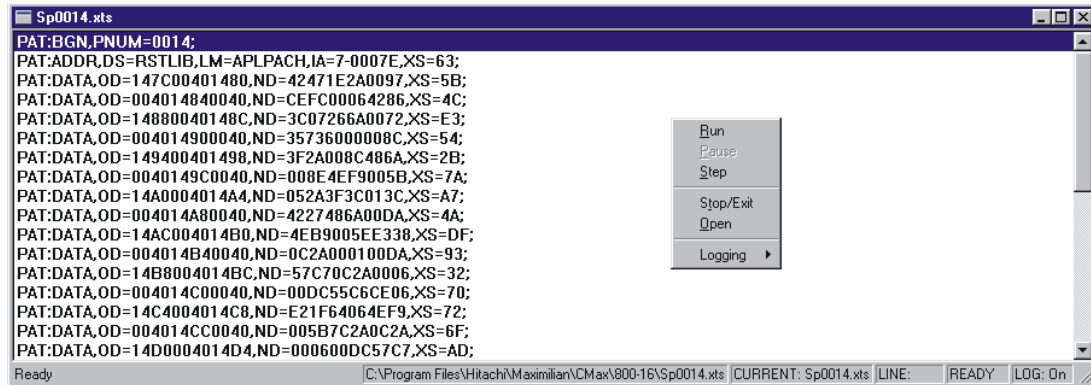


- 4 Perform an RCD:SAV.
 - 5 Exit SYSMMSG by entering these command strings:
< CGD:RLS;
< CMD:STP;
 - 6 When the decision screen appears, you can safely disconnect.
 - 7 As soon as possible, power down and then power up the HCX to apply the updates to the software.
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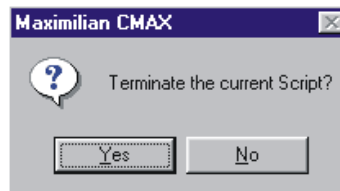
How to stop the script session

You can stop the script at any time. If you stop the script the update will not be applied. You must restart the script from the beginning and let the application complete. All scripts are linked together, and you must allow all scripts to run until the last one completes.

- 1 To stop the script, right click in the Script Command window and select **STOP/EXIT**.



- 2 To terminate the script, click **Yes**.



- 3 Restart the script by following, [How to start the script session](#) on page 3.
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Troubleshooting

Overview

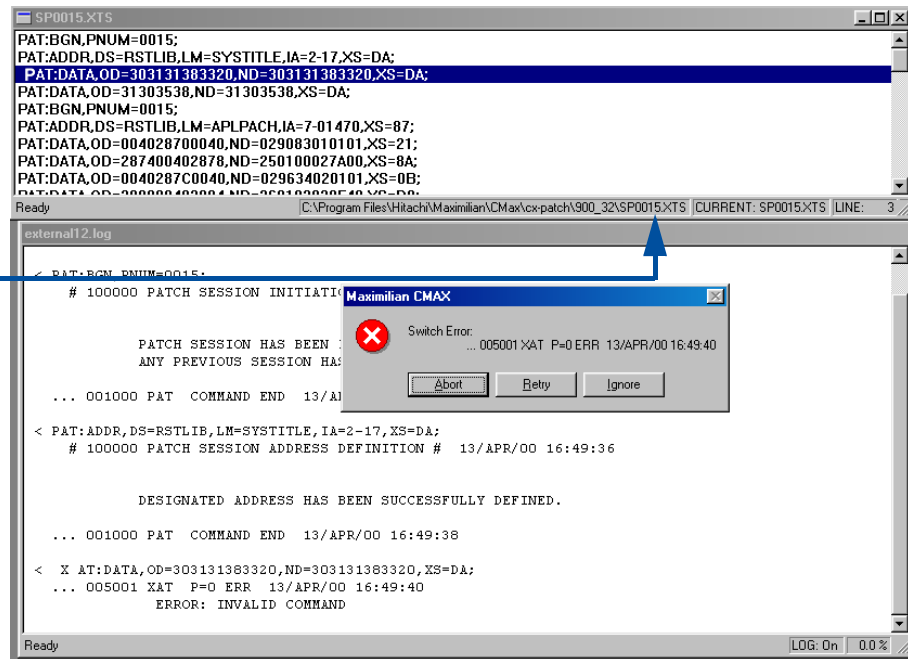
When connected by modem, you may experience noise or other interference that interrupts the script session. When the script session is stopped an error message displays and you must restart the script session. This section lists some of the error conditions that may occur.

Script Session command line failure

A warning message notifies you of a script session command line failure. Follow these instructions to restart the script session.

- 1 From the warning message, note the script number that has stopped. You need this number to restart the script session.

Script number needed to restart the session

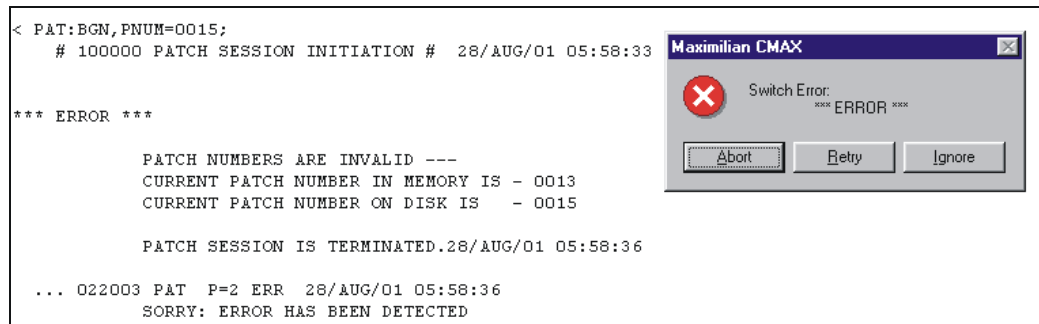


- 2 From the warning message, click **Abort**.
- 3 To terminate the script, click **Yes**.
- 4 Restart the script with the script number that failed. Follow the instructions, [How to start the script session](#) on page 3.

Running the wrong script level

If you start a script session and the number is less than or equal to the current update level, a switch error warning displays. Follow these instructions to restart the script session.

- 1 From the warning message, click **Abort**.

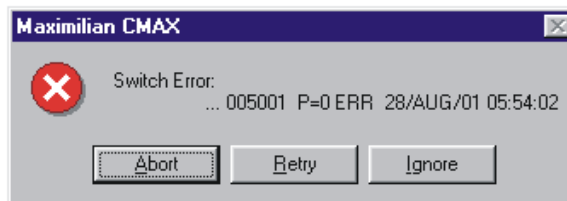


- 2 To terminate the script, click **Yes**.
- 3 Restart the script with the correct script level. Follow the instructions, [How to start the script session](#) on page 3.

Noise or interference

If there is noise or interference, an error message displays and an audible tone sounds. Follow these instructions to restart the script session.

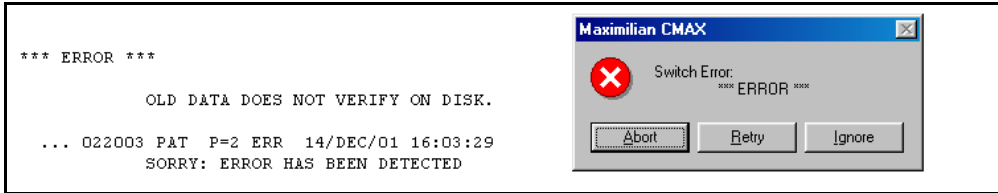
- 1 From the warning message, click **Abort**.



- 2 To terminate the script, click **Yes**.
- 3 Restart the script following the instructions, [How to start the script session](#) on page 3.

Running an update that does not match the switch

If you are running an update that does not match the HCX switch version, this error message displays. Follow these instructions before proceeding with any additional updates.



1 Verify that the HCX switch version and the update being applied match.

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If the versions...	Then...
Match and the error repeats	Call Hitachi Tech Support at (770) 446-8836
Match and the error does not repeat	Continue with the update
Do not match	Apply the update that matches the HCX switch version

Note: Do not continue with any additional updates until the error is cleared.
