

## Procedure for Updating LMS CPU Boards (545558 & 545476) Using SecureCRT Script [ Rev 16 ]

### WHAT THE SCRIPT DOES

- Upgrades a unit with v10.x, v11.x, or v12.x firmware to v12.3.3.4 firmware (includes new web pages)
- Upgrades a unit with v9.x firmware and older to v9.1.2.6. To upgrade these to v12+, a CPU swap-out is required
- It saves a copy of the LMS configuration and reloads it automatically once the firmware upgrade is complete
- It also prompts you to manually record and restore node assignments for any *optional* LMS expansion nodes

### WHAT IS NEEDED


- A licensed or trial version of SecureCRT software v7.3.2 or later (Vandyke.com)
- TFTP Client enabled on your computer (Control Panel->Programs->Turn features on)
- Internet Explorer Compatibility mode must be on (Tools->Compatibility View) when accessing the new pages
- A pen to record setup info in the provided file “Node List.pdf” (only needed for *optional* Expansion Nodes)

### CAUTION

- This procedure cannot run unattended – it is carefully timed and requires user input to complete successfully
- Observe prompts and **do not touch the keyboard** except as instructed; **shut down email and other PC apps**

### BEGIN

1. Extract the zipped files to the **C:\** root directory. It will create a subdirectory **C:\LMS1000**
2. Launch SecureCRT and click **Cancel** if the “Quick Connect” dialog box appears
3. From the top menu bar prepare to run a script (**Script->Run...**)
4. Select the script file (.vbs suffix) located in **C:\LMS1000\Upgrade Scripts**
5. Click OK to continue; depending on PC security level it may be necessary to click Run to proceed
6. Click Continue after entering a valid IP address and level 6 password
7. Click OK to continue – caution do NOT touch the keyboard until instructed.
8. ...wait for login to the LMS. Note the script outputs a status screen as shown here:
9. ...wait for download of LMS configuration file (30s)
10. ...wait for listing of NODE settings
11. Click OK after recording expansion NODE settings
12. ...wait for LMS reboot (2m) and login into the LMS monitor
13. ...wait for setting of default options
14. ...wait for firmware download (3m)
15. ...wait for LMS reboot
16. ...wait for reloading of LMS configuration (2m)
17. ...wait for loading of new web pages (60s)
18. Click OK to acknowledge the script is done
19. Re-enter expansion NODE settings as required
20. Enter SYSTEM RESET and confirm with YES to reboot LMS



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LMS1000:Firmware Upgrade Process - Windows Internet Explorer
Initialization - Setting Default Values.
Prompting User for Parameters
Passing Back Parameters Given by User to Script...
Values Given:
  Passwords: Level 6: 6 -- Level 5: 5
  Connection Type: IP
  Address: 10.201.229.12
  Transfer Type: TFTP
Step No.1 - Start
Connecting to your LMS1000
```



21. After reboot, login and enter HTML LIST to verify the pages exist. For v12.3, there should be 506,378 bytes.

Call 1-800-800-5260 for assistance with your upgrade process.