



AccessWare 2000 Upgrade Instructions and Worksheets

This procedure consists of instructions and worksheets for upgrading an AccessSwitch system to run the latest version of Accessware 2000. The instructions are separated into three worksheets: preparing to upgrade the AccessSwitch system, upgrading the system, and restoring the equipment profile. For ease of discussion, the NMC PC on which the LMC/NMC network management console software has been installed is referred to as the NMC PC in this document.

It might be helpful to check off the instructions as you complete each step.

Worksheet 1 - Preparing to upgrade an AccessSwitch system

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Step	Instructions	Complete
A	Plug the AccessSwitch unit into an AC outlet and turn it on. The power switch is located on the back of the unit above the power cord plug.	
B	Turn on the NMC PC and start the LMC/NMC application. Log on as follows: <ol style="list-style-type: none">1. At the logon window, type _____ for the username and _____, or the appropriate password if it has changed, in the password field.2. Click Logon.3. In the main <i>AccessWare NMC</i> window, select <i>Options>Communications Port</i>. The port should be set to <i>Com1 / Direct Connect</i>.4. Click OK.	
C	Connect the LMC cable (part number 220.0006.00.400) from COM1 of the NMC PC to the LMC port on the INP4.	
D	To get the equipment profile of the AccessSwitch: <ol style="list-style-type: none">1. In the main <i>AccessWare NMC</i> screen, click once on the equipment icon for the AccessSwitch you want to upgrade to highlight it. A square appears around the highlighted icon. Double-click this equipment icon.2. Select <i>Configuration</i>. This opens the main <i>Configuration Management</i> window.3. Select <i>File>Upload Profile</i>. You will see a message that the NMC PC is uploading the profile from the hub, which should take no longer than a minute or two.	

Worksheet 1: Preparing to upgrade an AccessSwitch system (Continued)

Step	Instructions	Complete
E	<p>To see the uploaded profile:</p> <ol style="list-style-type: none"> 1. In the <i>Uploaded/ Archived Hub Configuration</i> window, click Create/Restore Profile. 2. Click OK. The <i>Peripheral View</i> of the profile should appear. 	
F	<p>To save the current profile of the AccessSwitch unit onto a blank disk:</p> <ol style="list-style-type: none"> 1. Select <i>File>Archive Profile</i>. 2. Insert the disk and double-click drive A: (or the appropriate name for the disk drive you placed the blank disk in) from the list under Change Directory Path. 3. Click OK. 4. When prompted, click Yes to create a text version of the profile. The NMC PC will write the profile to the disk. <hr/> <p>Note: This step is very important because the equipment profile contains all the directory numbers that are specific to your AccessSwitch unit.</p> <hr/>	
G	<p>Check the files on the disk and close the NMC application doing the following:</p> <ol style="list-style-type: none"> 1. Open the <i>My Computer</i> icon and select the A: drive. You should see two file icons; one icon is the profile saved as a <i>.dma</i> file, and the other is the profile saved as a <i>.txt</i> file. If the two files do not exist, repeat step F. 2. Close the A: drive and <i>My Computer</i> windows. 3. In the main <i>AccessWare NMC Configuration Management</i> screen, select <i>File>Terminate System</i>. 4. Put the disk in a safe place. You will need it during the upgrade process. 	

Worksheet 2 - Upgrading an AccessSwitch with SoftLoad

The second section steps you through the process of upgrading your AccessSwitch using SoftLoad.

Worksheet 2: Upgrading an AccessSwitch with SoftLoad

Step	Instructions	Complete
A	<p>Install the latest AccessSwitch firmware (i.e., AccessWare) and the SoftLoad Utility onto the NMC PC using one of the following procedures.</p> <p>If your computer is set to Auto Run:</p> <ol style="list-style-type: none"> 1. Insert the AccessWare 2000 CD in the CD ROM drive. 2. Wait for the installation utility to automatically start. 3. Follow the on-line instructions to complete the installation. <p>If your computer is not set to Auto Run:</p> <ol style="list-style-type: none"> 1. Insert the AccessWare 2000CD in the CD ROM drive. 2. Click <i>Start> Programs> Windows Explorer</i>. 3. Double-click on the CD drive (such as d:). 4. Double-click on the <i>setup</i> directory. 5. Double-click on <i>setup.exe</i>. 6. Follow the on-line instructions to complete the installation. 	
C	<p>You must reboot the NMC PC into MS-DOS mode:</p> <ol style="list-style-type: none"> 1. Change to the root directory for drive C: by typing <i>cd \ [Enter]</i> 2. Close the MS-DOS window by typing <i>exit</i>. 3. Click <i>Start>Shutdown>Restart the PC in MS-DOS mode</i>. 4. Click Yes to reboot the NMC PC in MS-DOS mode. 	
D	<p>You can now use SoftLoad to upgrade your AccessSwitch system. To put the AccessSwitch into SoftLoad mode:</p> <ol style="list-style-type: none"> 1. Select <i>NetworkView</i> from the menu bar if the main management console window is not active. 2. Select <i>Alarms</i> from the menu bar. The <i>Alarms</i> window for the selected AccessSwitch appears. If the <i>Console Link Status</i> text box does not display "<i>Link Up to AccessSwitch</i>", wait for this message to appear. 3. Select <i>Maintenance>Reset System</i>. The <i>System Reset</i> dialog box appears. 4. Click the <i>Reset for SoftLoad</i> radio button and click OK. 5. Wait for the console link to the AccessSwitch to be disconnected. (This disconnect can take up to one minute to occur; please wait until the <i>Console Link Status</i> text box displays "<i>Link Down to AccessSwitch</i>".) 6. Select <i>File>Terminate System</i>. If there is an open configuration profile on the screen and it has not been submitted to the AccessSwitch, a warning dialog box appears. 7. Click OK to close the console software. 8. Move the RJ45 connector from the LMC port on the INP4 to the NMC port. 	

Worksheet 2: Upgrading an AccessSwitch with SoftLoad (Continued)

Step	Instructions	Complete
E	<p>To upgrade your AccessSwitch using SoftLoad:</p> <ol style="list-style-type: none"><li data-bbox="321 302 1224 365">1. Type <code>cd \iap</code> [Enter] at the MS-DOS prompt. You should now be at the <code>c:\iap</code> directory.<li data-bbox="321 373 1224 575">2. Type: <code>s1 -b38400 -n -1</code> First, a message stating “Establishing Communications with the Hub” appears. When the communications link is established, “OK” is displayed. You will then see the blocks of data transferring to the AccessSwitch. The transfer is complete when the NMC PC returns to the <code>c:\iap</code> prompt. The AccessSwitch is programmed with the latest software at this point.<li data-bbox="321 583 591 617">3. Type <code>cd</code> [Enter]<li data-bbox="321 625 1143 722">4. Start Windows at the MS-DOS prompt by typing <code>exit</code> [Enter] After the SoftLoad procedure has completed, move the RJ45 connector from the NMC port on the INP4 back to the LMC port.	

Worksheet 3 - Reloading the profile on an AccessSwitch

This last section explains how to reload the profile on your AccessSwitch system.

Worksheet 3: Reloading the profile on an AccessSwitch

Step	Instructions	Complete
A	<p>To restore the original profile to the AccessSwitch, you first place the archived profile on the NMC PC by completing the following:</p> <ol style="list-style-type: none"> 1. Click once on the equipment icon for the AccessSwitch you upgraded in the main <i>AccessWare NMC</i> screen so that it becomes highlighted and outlined with a square. 2. Double-click on the equipment icon. 3. Select <i>Configuration</i>. This opens the main <i>Configuration Management</i> window. 4. Select <i>File>Restore Profile</i>. 5. Insert the disk that contains the profile you saved earlier into drive A:. 6. Double-click on drive A: on the list under <i>Change Directory Path</i>. 7. Select the profile in the <i>Existing Archive File</i> list. This is the profile that will be downloaded to the AccessSwitch. The file name appears in the <i>Archive File Name</i> list. 8. Click on OK. 9. Click Create/Restore Profile. 10. Click on OK. <p>The profile is now stored on the NMC PC.</p>	
B	<p>To submit the profile to the AccessSwitch system:</p> <ol style="list-style-type: none"> 1. Select <i>File>Submit Profile</i>. First, a message stating “Transmitting Profile” displays. Next, the message “Awaiting Hub Acceptance” appears. When this message closes, the profile now resides on the AccessSwitch. 2. Select <i>File>Terminate System</i> to close the LMC/NMC. 3. Remove the LMC cable from the INP4 to complete the software upgrade. 	

Congratulations! Your AccessSwitch is now running the latest software.

Note: If you have any equipment connected to the AccessSwitch, such as a codec, router, or modem, you may have to reboot these devices. You should not have to reboot the upgraded AccessSwitch.
