Next Gen Rack ATS Firmware Upgrade Procedure

Purpose: This procedure is to be used to update the firmware of the Next Gen Rack ATS. It is important that this procedure be followed to prevent permanent damage to the Rack ATS unit.

This procedure is only applicable to the following Rack ATS SKUs:

AP7721, AP7722A, AP7723, AP7724, AP7730, AP7732, AP7750A, AP7752, AP7752J, and AP7753.

In addition, one of the following filenames is required for this upgrade procedure:

- apc_hw02_aos357_g2ats357.exe

- apc_hw02_aos374_g2ats370.exe

- apc_hw02_aos374_g2ats371.exe

- apc_hw02_aos390_g2ats390.exe

- apc_hw02_aos390_g2ats392.exe

1.) Before beginning the update process, the unit should have the secondary (non-loaded) input power source unplugged. Failure to do this WILL cause damage to the unit when it resets after updating.

2.) Run the apc_hw02_aos357_g2ats357.exe, apc_hw02_aos374_g2ats370.exe, apc_hw02_aos374_g2ats371.exe, apc_hw02_aos390_g2ats390.exe, or apc_hw02_aos390_g2ats392.exe file by double clicking it. This will run the self-extracting utility. When prompted, choose the directory to extract the files to.

3.) After extraction, the file FW_Upgrade_R2.exe will run automatically. This is the upgrade utility.

4.) The upgrade utility will begin by prompting for the IP address, username, and password of the unit to be upgraded. Enter the appropriate username and password.

   CAUTION - the username and password will be displayed in clear text as it is entered into the upgrade utility.

5.) Press *Upgrade Now* and the upgrade utility will warn you again re: Step 1 mentioned above.

6.) The ATS will be updated with the latest network card firmware. When the update process is complete, the upgrade utility will display that the upgrades have completed successfully. Press *OK* to exit the upgrade utility.

7.) After the network card update is complete, the update of the ATS microprocessor will begin automatically. This will be signified by the ATS front display LEDs flashing sequentially from left to right and the 7-segment display showing "do" to indicate a firmware download is in progress.

Prematurely ending this upgrade or power cycling the ATS <u>will</u> result in permanent damage to the ATS.

8.) Within five minutes, the update should be complete and a "co" will be shown on the front 7-segment display. If you do not see this sequence of events, log in to the ATS and verify your firmware versions and device status. (Some upgrades may not include an ATS microprocessor upgrade.)

9.) Reconnect the secondary source that was unplugged in step 1.