

VIP Time Drift 01/30/04

There have been a number of messages regarding the drift of the VIP clock over a period of time. The VIP clock is not synchronized with the MP/FEP clocks, so over time the VIP clock may drift, just like with any server. The MP/FEP clocks are synchronized with AWIPS. This is necessary because the MPs/FEPs are responsible for the processing and scheduling of the messages. Since the messages are generated in AWIPS, it is important that the MPs/FEPs have the same time as AWIPS; otherwise the broadcast time window may be missed. However, the VIP has no message scheduling function, so at worst the inaccurate time is an annoyance, especially if you are analyzing VIP runtime logs. There are no plans to add a time synchronization capability to the VIP. If the VIP time drifts too much, system administrators may use the following procedure to reset the time:

1. Click on the **K** icon (KDE 3) in the lower left of the desktop display to display the **KDE 3** menu.
2. Move the mouse cursor to **System** and click on **Date/Time Properties**.
3. You will be prompted for your root password. Enter it and click on **OK**.
4. The **Date/Time Properties** window is displayed. Use the up/down arrows in the upper right quadrant of the display to set the proper time.
5. Click on **OK** to save the new time and exit.