# Panasonic ToughBook01 Tips and Tricks

Here are some reminders and specifics to note about the Panasonic ToughBook01.

- The Panasonic ToughBook01 requires a couple of steps to initialize the ActiveSync connection. These steps are completed prior to shipment from MicroSurvey but will need to be repeated after a power failure (dead battery). They are also necessary after a Hard Reset of the Toughbook:

  ActiveSync initialization steps:
    1. You will be prompted to recalibrate the stylus. Follow the instructions on screen.
    2. You will be prompted to set the date and time. Note that there are time zones to select, and that the "Apply" button will advance the time one hour if the "Daylight Savings time…" check box is selected.
    3. Access the **Start menu** -> **Run…**.  You will be prompted with the **Run** dialog but no program will be selected.
    4. Select the **Browse** button and then browse to the **Windows** folder and select **autosync.exe**.
    5. Tap **OK** and you will be returned to the **Run** dialog. **\Windows\autosync.exe** will appear in the <u>Open</u> field. <u>Do not press OK yet</u>!
    6. Now add a space at the end of the command line and then add "**-go**" so the file to be run looks like **\Windows\autosync.exe –go**. Tap **OK** to execute. This will reactivate the device portion of ActiveSync for communication with your desktop computer.
    7. **IF your connection is serial (not USB)**, you have to reset the serial communication settings as this resets to USB automatically after a Hard Reset of the Toughbook.
        - Choose **Start -> Settings -> Control Panel -> Communication.**
        - Choose the **PC Connection** tab and select the **Change Connection** button
        - Select an appropriate serial port speed (57600 or 115200)
        - Tap **OK** and exit the Control panel to finish.
    The Toughbook should now connect to your PC via ActiveSync.

- <u>A Soft Reset will not delete any data</u>. This is similar to reboot of a desktop system. To perform a **Soft Reset**, simply press the reset button (between the headphone and power jacks) with the stylus. A Panasonic splash screen will appear to illustrate the reset is in progress.

- <u>A Hard Reset will delete all installed data from system RAM</u>. To perform a **Hard Reset**, press and hold the power key and simultaneously (with the stylus) depress the Reset button on the lower left side of the unit (between the headphone and power jacks). You will see a prompt to rest system. Choose **Y** to complete the hard reset.

- Although a Hard Reset will not delete collected data or your collection program (installed on the Compact Flash card), the portion of the program that facilitates downloading will be lost from system RAM. You will have to reinstall your data collection software.

- The MicroSurvey FieldGenius or MapScenes Evidence Recorder software <u>must</u> be installed to the Compact Flash storage card on the Panasonic Toughbook 01. It will not run if installed to any other location. Keep this in mind when reinstalling or updating the software on your device.

- The Toughbook power button doubles as the backlight toggle. Be careful to not toggle the backlight on when not needed, as this will have a dramatic effect on the power consumption. Panasonic specifies 24hour battery life without use of the backlight and only 8 hours with backlight use. See the included Panasonic manual for details.