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Resetting the Flash File System and Data Recovery

On occasion during power surges / outages when the Base Station is performing a power cycle during a write acknowledgement the flash file system may become corrupt and freeze. The following process will reset the flash file system and reset the data the system has collected.

Resetting the Flash File System

1. Go to Admin Menu and enter **DGFR** as password.
2. Press '**Erase Flash**' and then tap '**CONFIRM Erase**'.

Wait for screen to come back and reboot the power up cycle, unplug the power adapter at the Base Station, wait 5 seconds and re-power. Upon reboot a new file allocation table will be created.

IP Address and SMTP Mail Reset

Resetting the Flash File System will require that the static IP and SMTP mail server information be reset in the system. The information will remain intact in the field allocations on the Base Station but require you to press enter on each field to transfer to the DIGI communication module, which populates data and sends emails. No need to change or input data unless I.T. coordinates have changed.

1. Go to Admin Menu and enter **A123** as password.
2. Ensure that '**Static**' is selected and then tap '**Setup**'.
3. Press '**Enter**' on all six fields till the Base Station changes to terminal mode.

The following message will show on the screen.

DIG1: Saved IP Configuration. Reboot system now

Unplug the power adapter at the Base Station, wait 5 seconds and re-power. Upon reboot the static IP coordinates will have been saved to the DIGI communication module.

4. Go to Admin Menu and enter **A123** as password.
5. Press '**Setup**' next to Email selection.
6. Press '**Enter**' on all fields till Base Station changes to terminal mode.

Unplug the power adapter at the Base Station, wait 5 seconds and re-power. Upon reboot the SMTP Mail coordinates will have been saved to the DIGI communication module.

Data Recovery

1. Go to Admin Menu and enter '**D1G1**' as password.
2. Ensure that '**Save**' is checked and tap '**Replay Data**'.

The replay count will then begin to show record accumulation as data is repopulating the DIGI communication module. This could take some time depending on the records. Once the counter has stopped exit with '**Done**'.

You can verify successful Flash Recovery by checking the web page.