

Lidar computer replaced today

Damien Ceus, Field Engineer for Leosphere arrived in Flagstaff late Wednesday night, with plans to replace the troubled computer in the Lidar. The computer arrived via FedEx around 10am, and we departed to the site. As soon as we stopped at the 449 trailer, the problems with the 449 became apparent, and it appeared the profiler PCM had rebooted, and no causes could be identified. The Display manager PC was running just as I had left it on Wednesday night, so power had not been interrupted. After restarting the dashboard, all systems appeared to return to normal, but the backlog of Nagios errors would take time to clear.

We proceeded to the Lidar to commence repairs, and removed the PC after saving the configuration and calibration data to the portable HD. The bulk of the work was done at the ISFS trailer, where we were able to scavenge and utilize two 12v batteries and power supplies to create a 24vdc power source for the pc. We have installed both hard drives- the new and the old in the same PC, but they will only be bootable one at a time, no master or slave jumper settings could be identified. Contact me for further details, but rest assured, we retain the entire HD from the previous PC.

Reinstallation took some time, and many complications were uncovered, but the Lidar is operational - to a degree- there is a problem with the RHI scans, but hopefully the Leosphere team in France will be working on it overnight tonight. PPI scans, and DBS scans appear normal.

The PC is online for the Leosphere team in France tonight, but let them work on it first. Contact me for login info, it's all changed from the previous PC.

more info to come tomorrow.

tim