CAMS STATUS CHECKING

There is a new "status_check.bat" script. It "reads" the "GetStatus" reports, which are uploaded to the NASA server a few times per day by each station. (If you are not familiar with the GetStatus reports, read the paper, “GetStatus_Reporting.pdf”)

The "status_check.bat" script reports on these main things:

1. **Excessive Detections** (greater than 1,000 per camera is a WARNING, > 5,000 is a WATCH, > 10,000 is CRITICAL)
2. **Dropped frames** (> 1.00 average dropped per minute cameras are flagged)
3. **Low Free Disk Space** (< 100 GB free on the CAMS Drive gets flagged. < 50 GB free on the Archive Drive gets flagged)
4. **Zero Detections** (stations with 0 detections get flagged - probably an indication that a capture session failed for some reason. We are also finding that it is an indication that the final phase of the detection procedure failed to combine all the FTPdetectinfo_*_Subset.txt files properly.
   Cameras that show:
   Total Detections=0 * Probably FAILED CAPTURE?**
   You need to investigate the cause. The capture session may have been purposefully interrupted and then restarted, which would not be a problem.

This is set up on every system. If you don't have AutoCams2 installed on your system, you can remote to any of your stations and run it from there*.

I have also configured it so that you can filter the report by just your network. I have created, what I call, "list files" for each network and placed them into your "...\cams2_queue\RunFolder". For a list of all available "list files", you can look for all the "status_check_*.txt" files in the RunFolder of the cams2_queue. You can create your own list file by looking at these list files and copying what you like.

Examples:
To run the report, start with this:

1. Connect to a station on your CAMS network.
2. Open a command prompt window.
3. Change to the CAMS drive.
4. Use CD to change directory to <cams drive>\cams2_queue\RunFolder. (Where <cams drive> is the drive where cams is installed).

* AutoCams2 is the hybrid of LaunchCapture.exe in the CAMS instance directories, and the cams2_queue system along with the cams_Archive directory.

Then, to run a report for ALL stations, enter this command:

1. status_check   "..\temp\status"

To run a report for LOCAMS stations, enter this command :

1. status_check "..\temp\status" "status_check_LOCAMS.txt"

To run a report for Florida stations, enter this command:

1. status_check "..\temp\status" "status_check_FL.txt"

To run a report for Arkansas stations, enter this command:

1. status_check "..\temp\status" "status_check_AR.txt"

To run a report for UAE stations, enter this command:

1. status_check "..\temp\status" "status_check_UAE.txt"

To run a report for the California stations, enter this command :

1. status_check "..\temp\status" "status_check_cams.txt"

If you want to save your report, just redirect the output to a file like this:
status_check "..\temp\status" "status_check_cams.txt" > "..\STATUS_cams.txt"
status_check "..\temp\status" "status_check_cams.txt" > "..\STATUS_locams.txt"

Another concern to watch for are those stations that have not uploaded in several days. You can easily look into that once you have run the status_check.bat script for either ALL or for your network. To do so, look at the "<cams_drive>\cams2_queue\temp\status" directory and sort the directory by Modified Date. My download routine retains the upload date. Also, in case you don't really run AutoCams2 on your system, you can connect to any other computer in the CAMS network and run the scripts from there. They will all report the same results.

Let me know if you have questions about this. I think this is an excellent way for you to monitor all the stations you are responsible for. Plus, it's very easy. Also, let me know if you have suggestions for improvement.

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