

## # Release notes - D2Warn - Enhancement Release Version 21-06-05

### ### Bug Fixes

- [D2WARN-259] - Fixed issue if user uploads invalid hidden file when doing upgrade. Mac computers will create a separate hidden file (begins with ".") when downloading code updates from D2D Sharefile system. If user then uploads that file instead of the true code file, the upload fails and the unit resets. Since it was a hidden it was not deleted and system would continually reset trying to install it. Hidden files are now deleted on code install failures so it will only fail once.
- [D2WARN-258] - Changed how Revert communications between groomers operate. This fixes an issue which can cause revert button to function intermittently when using the Groomer-A UI.
- [D2WARN-257] - Fixed issue with changing SNMP community settings causing Groomer communication errors.

### ### Enhancements

- [D2WARN-264] - Added ability on Logs page of UI to select previous days logs (up to 30 days).
- [D2WARN-263] - Added groomer name to browser tab.
- [D2WARN-262] - Added openGear frame number to UI header.
- [D2WARN-261] - Added priority level to "Last Alert Message" on the D2WARN Status screen.
- [D2WARN-260] - Added filtering to Logs page of UI.
- [D2WARN-256] - Removed messages from logs which were used during system development.
- [D2WARN-255] - Added Download Diagnostic Package button to Diagnostics page. This generates a zip file containing all logs/configurations which can then be sent to D2D for troubleshooting.
- [D2WARN-254] - Added status indicator/SNMP trap when D2WARN is in PID Replacement mode.
- [D2WARN-253] - Added Alarm/SNMP trap when EIT/ETT PIDs not present for 10 minutes.

- [D2WARN-252] - If a groomer is not receiving status updates from its groomer pair, the groomer pair's status panel will turn gray and status timeout error message displayed.
- [D2WARN-251] - Add groomer failover role to top of status panel on D2WARN status page.
- [D2WARN-250] - Monitor WEA input when in bypass mode. This provides a valid status for the WEA input when in bypass mode.

# Release notes - D2Warn - Critical Release Version 21-03-05

### ### Bug Fixes

- [D2WARN-249] - Fixed rare start up issue causing transport stream to be out of sync. When the system starts up and is put in D2WARN mode there is about a 1% chance this may occur in the middle of packet being transmitted causing the transport stream to be out of sync until a power reset.

Protection has been added to wait until a packet finishes transmitting before system is put into D2WARN mode.

- [D2WARN-248] - Fixed On air breakup caused by relay chatter due to missed Watchdog timeout. When system runs low on memory due to memory leak reported in issue D2WARN-247, one of the undefined behaviors is the application slowing down which leads to a watchdog timeout. When the watchdog times out the relays disengage and the transport stream is bypassed. When the application then clears the watchdog timeout the relays re-engage taking system out of bypass. This becomes a repeating pattern every 6-8 seconds with each switch causing the potential of on-air break-ups.

In normal operation the watchdog should never timeout. So logic has been added to the hardware that in the event the application misses the timeout three times the hardware will assume a software failure and put the system permanently in bypass until reset by the user. If the application is functioning enough to read the hardware status it will display it is in Bypass Lockdown on the status screen. In the event the application is not functioning the groomer pair will most likely report a groomer communications error.

NOTE: Now that the memory leak has been fixed this state

should never occur but this safeguard was added just in case to prevent relay chatter from causing on air break-ups.

[D2WARN-247] - Fixed Memory leak which will cause undefined behavior after approximately 8 weeks.