

## r27.10.3 Changelog

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| r27.10.3 Release - 193894 |  
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Release day: August 7th 2024

Due to some issues discovered during the release process, we have delayed our recent releases. We are now releasing r27.10.3 which includes the Fixes listed below.

### Fixes added in r27.10.1, r27.10.2 and r27.10.3

- DSOF-27660 - Fixed an issue where the HardwareList instance had no attribute 'close' error when closing Video Input Patch Editor
- DSOF-27688 - Fixed an Access Violation when using RenderStream with Notch Blocks
- DSOF-27844 - Fixed an issue where enabling VITC on Matrox cards causes console spam failing to signal surface read completion
- DSOF-27885 - Fixed an issue where a black frame was present on a RenderStream layer when move section to next section
- DSOF-27894 - Fixed an issue where a new track select widget opened on every click in MultiTransport
- DSOF-27935 - Fixed a crash to desktop when failing to setup topology
- DSOF-27796 - Fixed a crash to desktop in d3 when jumping to cue on another track
- DSOF-27854 - Fixed an issue where the Video asset editor did not show file versions

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### New Features

- DSOF-24626 Expression Variables

Expression variables enable the sharing of values between Designer expressions. For details on Expression variables, visit <https://help.disguise.one/designer/configuration/expressions/variables>.

### Improvements

- DSOF-23702 API - Failover API for Understudies

New APIs have been added to failover a machine using the API. The following endpoints have been added and are documented at <https://developer.disguise.one> as well as in the documentation bundled with Designer which can be accessed from d3Manager at Help->Open API Documentation

/failover/applydefaultrouting

/failover/failovermachine

/failover/restoremachine

/failover/settings

/failover/understudytargets

### Fixes

- DSOF-27090 - Fixed an issue where string formatting did not allow `module:name.field` syntax
- DSOF-27229 - Fixed a machine hang in MatroxTopology::cleanupSurfaceBufferPool
- DSOF-27586 - Fixed spherical mapping rotation being incorrect
- DSOF-27644 - Fixed an issue where the Sockpuppet Notch layer moved the Effect field under Timecode Separator
- DSOF-27692 - Fixed Web browser based layers not limiting to the max texture size available to the renderer