r27.0 Changelog

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|  r27.0  Release - 178488  |
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Release day January 31st 2024

Improvements

r27 introduces a number of improvements specific to Disguise media servers with a Matrox SDI capture card installed. These include:

- Mixed frame rate support - users can now work with any combination of video resolution formats and refresh rates across each video input. This resolves the outstanding TA-19: Matrox Video capture cards advisory found here
- Ultra low latency mode - we have reduced the video latency when running in ultra low-latency mode from 4 frames per second to 3 frames per second at 30Hz, 50Hz and 60Hz
- General performance improvements

These improvements are only available when running Designer software version r27 and above alongside the following OS builds - all of which are available to download on disguise.download/#hardware or https://disguise.cloud/account/software/os-downloads:

Disguise media server	OS
vx 1	vx1_vx2_24Q1
vx 2	vx1_vx2_24Q1
vx 4	vx4_24Q1
vx 4+	vx4+_24Q1
gx 3	gx3_24Q1

Fixes

- DSOF-21761 Support for mixed frame/ refresh rates which are not related

- DSOF-24646 - Fixed an issue where 1080psf 29.97 VideoIn on a gx3 gave half quadrant

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- DSOF-24666 - Fixed an issue with interlacing modes other than discard did not work

- DSOF-25337 - Fixed capture buffer delay sporadically being too large resulting in tearing

- DSOF-25394 - Fixed interlaced capture on driver 10.4.101.1269 having fields in the wrong order

- DSOF-25460 - Fixed an issue when using Quad coupled mode, losing inputs 2-4 would result in a black frame

- DSOF-25465 - Fixed an issue where only the 12G-enabled ports hold onto the last frame if input was removed