INTERLAB

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ISSUE: alacrity_datarate_buffer_monitoring

Concerned platforms: Alacrity / Softworks

Vernouillet, 18.02.2009

Issue: Dif you have doubt about data rate and latency issues during playout, you see black frames or freezes during playout, these commands gives you monitoring capabilities and buffer size settings. These needs to be dropped either in CONFIG.DAT or in the REGISTRY BASE of your Lightworks appication.

Possible solution:

You should see 5 yellow folders.
Double click the "**HK_LOCAL_MACHINE**" folder Then double click the "**SOFTWARE**" folder Then double click the "**Lightworks**" folder

VHead_cache_window_log.enabled 1
Activates extensive LOG creation to see cache status.

```
Field 243.8: VHead_cache_window (236) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBulululul
Field 246.9: VHead_cache_window (239) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBulululululul
Field 249.9: VHead_cache_window (242) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBululul
Field 252.9: VHead_cache_window (245) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBululul
Field 255.9: VHead_cache_window (248) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBTBTBTBTBTBTBTBulululululul
Field 259.0: VHead_cache_window (251) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBTBTBTBulululululululul
Field 262.0: VHead_cache_window (254) : TBTBTBTBTBTBTB^TBTBTBTBTBTBTBTBTBulululululululululululul
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Upper case, data in cache, lower case data missing…

Buffer values, enlargements may at a certain level slow down the machine.
VHead_prefetch_window_samples 37
default 30

VHead_cache_window_samples 29
default 17

check in c:/program file/lightworks/alacrity/logs/error.log. Note that you need exit the application before you check error.log. Note that **VHead_cache_window_log.enabled 1** generates big error.log files, so move the value to "0", once you are done.

Pls. send us your feel back.
Rev.0 – David