

Horizon[®] 1.7.0 Software Color Printing Improvements

**Product
Bulletin**

No. 108

Summary

Horizon Software Versions 1.7.0 and higher contain improvements to color printing which may change the overall look of **ChromaVista[®]** prints. Users performing software upgrades should make color test prints before and after the upgrade to ensure satisfactory image quality.

Bulletin Details

Horizon Software Versions 1.7.0 and higher contain improvements to **ChromaVista** color printing including:

- ◆ Produces more striking and vibrant colors for demanding color enhanced applications.
- ◆ More accurate color and grayscale sensitometry. Sensitometry more accurately conforms to "Visual" or "Linear" LUTs (lookup tables), and very light or very dark densities are more visible.
- ◆ More neutral and pleasing grayscale tone.

- ◆ Positive Saturation settings to make colors even more vibrant. Previously, only negative settings which reduced color vibrancy were available.
- ◆ Additional MCM (Medical Color Matching[®]) settings 2 through 8 provide more tools for obtaining an accurate color match between the prints and the host video monitor.

Users upgrading their systems from versions 1.6.2 or earlier to versions 1.7.0 or later should make color test prints before and after the upgrade. Codonics recommends the internal color test print available in the Test Prints->CV Paper->Media Size->Color Test Image menu. Test prints consistent with the user's application may also be used.

The test prints from before and after the software upgrade should be compared to ensure satisfactory image quality. Adjustments can be made using Gamma, Contrast, MCM, and Saturation settings as described in the Horizon User's Manual.

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