Codonics Horizon Operating Software

Version 4.3.0 Release Notes

Summary

Horizon® 4.3.0 software provides improvements to Media ID authentication and a user-configurable option to improve the readability of small white text rendered on dark backgrounds.

Products Affected

GS/G2/G1 Imagers containing newer hardware identified by the serial number prefix 150C are affected. Please contact your Codonics representative for further information.

The Imager Software Version can be determined using the Control Panel by viewing the Imager Info screen from the Utilities menu.

> **NOTE:** Horizon Imagers with serial number prefix 150C cannot be downgraded to any previous software version below 4.0.0. Imagers with a serial number prefix other than 150C cannot have their software upgraded to 4.0.0.

Product Improvements (Perfective Updates)

◆ **Media ID Improvements-** Horizon 4.3.0 software includes several changes to make the Media ID system more robust.

  ◆ Increased the number of retries when adopting a media cassette.

  ◆ Improved recovery from hardware error conditions.

  ◆ Adjusted hardware settings to improve performance of Media ID cassette detection.

  ◆ Improved reporting of Media ID conditions on the Control Panel

◆ **Small Text Improvements-** Horizon 4.3.0 software includes a new user-configurable Control Panel setting to improve the readability of 1-pixel wide white text on images with dark backgrounds. This type of small text can occur when many images are printed in a single sheet of film or paper (e.g.: A 14x17 sheet of film with 80 images). Only grayscale images are affected by this feature. Images that are scaled up to print on film or paper (e.g.: chest X-Ray or CT/MR studies with 20 or fewer images printed on a sheet) do not require small text enhancement and will not be modified by this setting.

The new feature is accessed from the Sm. Text Enhancement setting in the Preferences menu on the Horizon Control Panel. The setting is turned Off by default. Three levels of text enhancement are provided. Level 1 is the most conservative and looks for 1-pixel wide text with 100% white letters and a 100% black outline. Level 2 looks for mostly white text with a mostly black outline. Level 2 is the recommended setting for most applications. Level 3 looks for light gray to pure white text with a dark gray to black outline.

The small text enhancement setting is accessed from the two-button administrative option menu on the Horizon Control Panel as shown below:

◄ + MENU

Preferences
  Sm. Text Enhancement
    Off ◄—— *default*
    Level 1
    Level 2
    Level 3

Known Common Issues

◆ Previous issues can be found in previous Release Notes.

Known Uncommon Issues

◆ Previous issues can be found in previous Release Notes.

Technical Support

If problems occur during software installation, please contact Codonics Technical Support at any time.

Phone: +1.440.243.1198
Email: support@codonics.com
Website: www.codonics.com

Get it all with just one call 800.444.1198