

Horizon[®] Imager Software

Release Notes

Version 1.9.1 Release Notes (Changes Since Versions 1.9.0)

Summary

Horizon version 1.9.1 introduces a feature intended for 36" and 51" long film called Image Concatenation. Prior to printing, certain CR systems automatically break stitched images into an appropriate number of standard films, such as 14" x 17". Image Concatenation reassembles these images, allowing the stitched image to print on a single 14" x 36" or 14" x 51" film.

1.9.1 software also contains a change to improve the reliability of ChromaVista[®] Paper printing.

In all other respects, version 1.9.1 is identical to version 1.9.0. See Version 1.9.0 Horizon Imager Software Release Notes (Codonics Part Number 901-084-010) for details.

Important: This software is compatible only with the Horizon XL Imager and is not intended for installation on other Horizon models.

New Features

This section details new features available with Horizon 1.9.1 software.

- ◆ **Support for Image Concatenation.** Stitched images, sent to the Horizon XL in multiple parts, can be reassembled automatically by the imager to print on a single 36" or 51" film. The images must be sent via DICOM. A new set of custom AE titles described in the Image Concatenation Technical Brief (Codonics Part Number 901-158-001) are used to invoke Image Concatenation.

Product Improvements

This section details features that have been improved with Horizon 1.9.1 software.

Reliability Improvements

- ◆ 1.9.1 software allows the platen roller to idle during ChromaVista Paper rewind, decreasing the likelihood of ribbon adhesion.

- ◆ Adds support for a new version of the Smart Card.
- ◆ Adds support for a pruning tool that removes unused DICOM log files from the imager's hard drive, decreasing the time required to save log files to a zip disk.
- ◆ Corrects the Scale Factor setting of 0.01 which was not being displayed correctly on the control panel.
- ◆ Corrects firmware issue which caused a thin line to be printed on DirectVista[®] Paper, resulting in a wasted sheet. (obscure)

Service and Production Utility Improvements

- ◆ Adds support to the engine_config utility to change the platen behavior during ChromaVista Paper rewind. This utility as described in the Engine Config Utility Technical Brief (Codonics Part Number 901-099-004) may be used by a service technician to restore a printer to 1.9.0 functionality.

Known Issues

This section details product defects that exist with Horizon version 1.9.1 software.

- ◆ **Unsupported DICOM image compression results in an "out of memory" error at the host.** (obscure)
- ◆ **PostScript cropping or padding.** Images pre-scaled to the full page size may experience slight cropping or padding due to rounding effects from converting between points and pixels. (obscure)
- ◆ **Captions not supported with DICOM landscape printing.**
- ◆ **SA-1000/2000 Frame Grabber incompatibility.** 1.9.0 software induces a defect that effects the transmission time from the SA-1000/2000 Analog to Digital Converter. The image is transmitted successfully, but much slower than in previous versions of software.
- ◆ **PostScript Crop Margin fails on blank pages.** PostScript jobs specified with Crop Margin = true fail when processing blank pages. Jobs will print all sheets up until the blank page. The blank page and sheets thereafter are dropped.

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