

Rhythm[®] DICOM Print Module

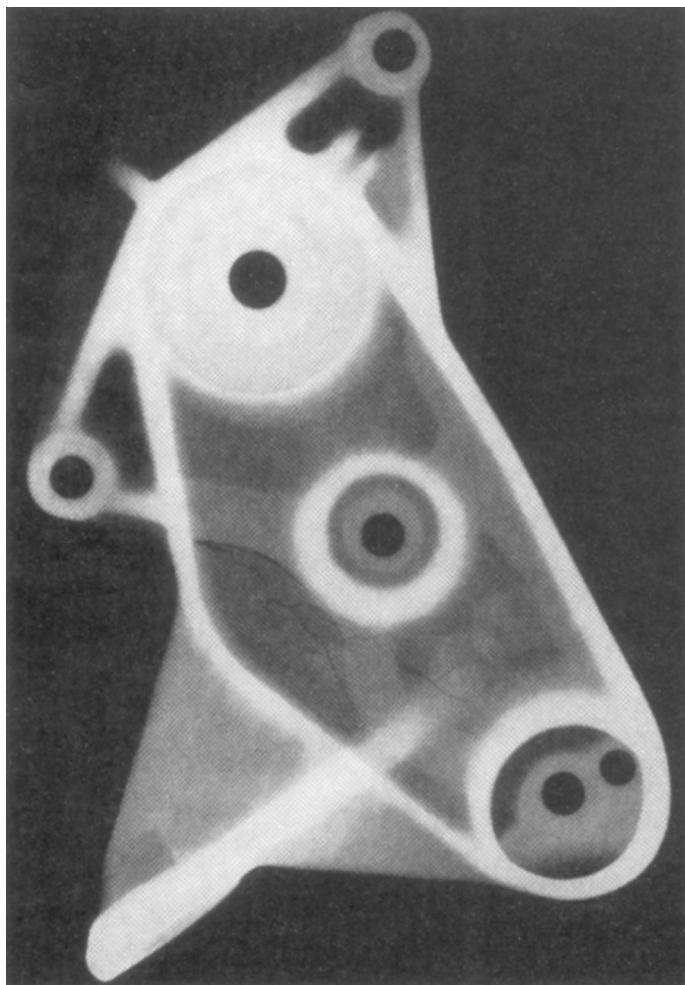
Enhancing Rhythm Review Capabilities

Overview

Even in a fully digital imaging environment there is often a need to print film or paper for image distribution outside of the digital imaging network. This includes the need for image distribution within your business, to your supply chain partners, or to customers.

The Rhythm DICOM Print module provides a flexible and powerful solution for the printing of images from within the digital imaging network. The Rhythm DICOM Print module supports DICOM 3.0-compliant printers and print servers, and any printer with a standard Windows[®] driver. Both monochrome and color printing are supported. The Rhythm DICOM Print module also allows for simultaneous connections to multiple printers.

The base Rhythm software package supports printing to a wide range of off-the-shelf Windows[®]-based printers or to high-end DICOM printers.



Flexible Print Layout Options

The Rhythm DICOM Print module allows the printing of series or studies in pre-defined film layouts, which can be selected from a list of predefined layouts. Users can also design custom layouts to meet their specific printing needs. In addition, the module offers a “virtual film sheet” that allows users to compose print jobs on the fly from within the Viewing Section of the software. Users can “drop” individual images from multiple studies onto the virtual film sheet, rearrange them if required, post-process them (window, zoom, pan, annotate and much more), and then send them to the printer.

Print Queue Management

The Rhythm DICOM Print module provides for prioritization of print jobs, print queue management and a print log that can be exported to other applications. Because printing is a background process, you can continue viewing and reporting while print jobs are being processed.

Data Selector Features

- DICOM Print Service Class
- Automatic printing of series from the Data Selector
- Priority printing
- Suspend, resubmit, delete, increase priority, decrease priority
- Configurable Layout Pool
- 8- and 12-bit depth printing supported, as well as 24-bit color
- Extended print log (exportable for statistical analysis purposes)
- Multiple printers are selectable
- Reprint an already printed job
- View status of available DICOM printer
- Identification of requester, date and time using DICOM Basic Annotation Box SOP

Viewing Section Features

- Printing of individual images to default Windows® printer (standard feature)
- Image export to clipboard
- Automatic insertion of series in layout
- Support for printing of ROI information
- Printing of annotations on first image
- Manual “drag and drop” onto Virtual Film Sheet
- Create Presentation Sheet (new study, based on Virtual Film Sheet)
- Landscape and portrait printing
- Print Presentation LUT
- Print Caliper

Requirements

The Rhythm DICOM Print module can be added as an option to the Rhythm Workstation.

Language Support

The Rhythm DICOM Print module is available in the following languages:

- English
- French
- German
- Italian
- Spanish
- Chinese (Simplified)
- Japanese

Warranty Information

The published company warranty in effect on the date of order shall apply. Software will be provided and warranted under the terms of a Software License Agreement. GE Inspection Technologies reserves the right to make changes to the applicable warranty.



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