



DICOM Print in Metron



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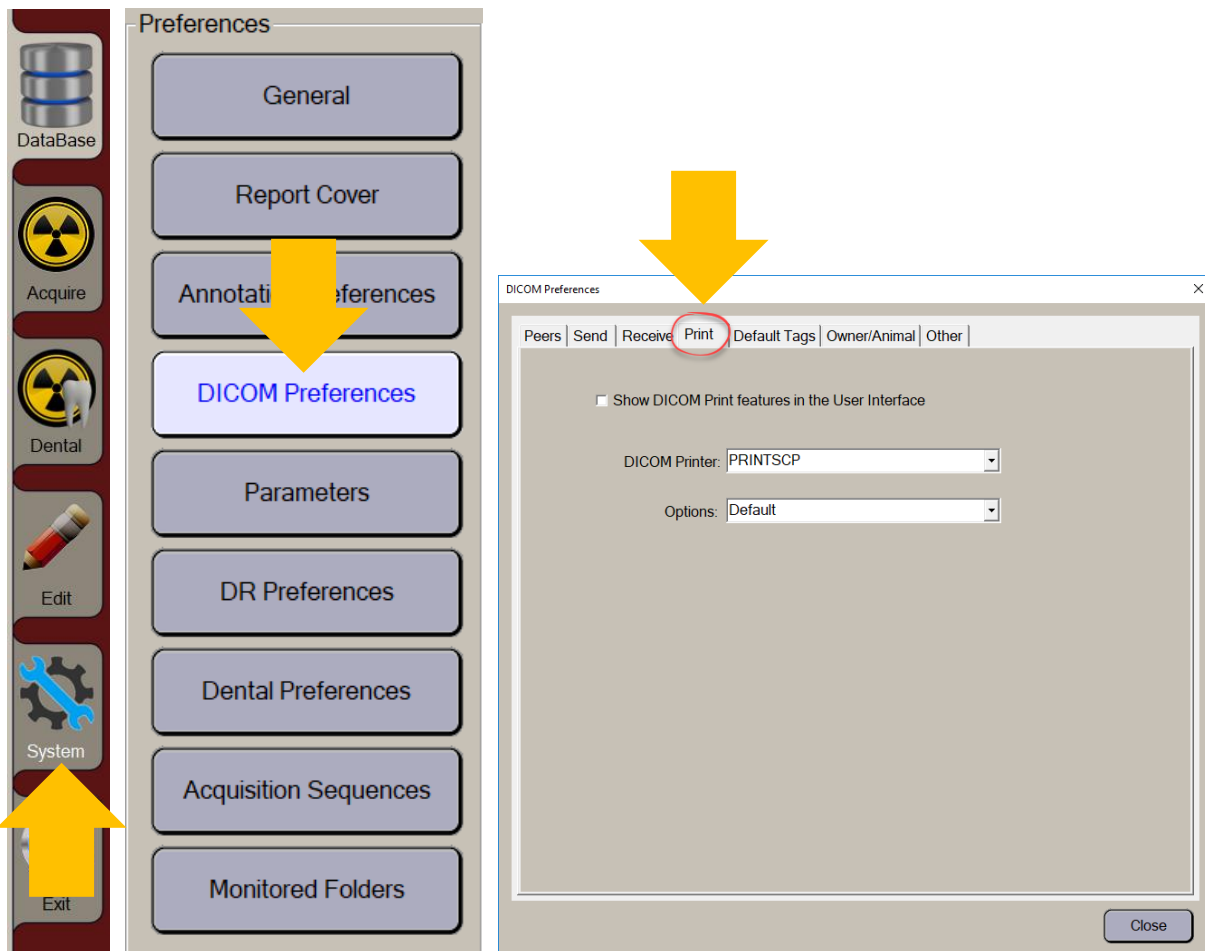
Version 8

YOUR METRON ADVANCED IMAGING SOFTWARE IS CONTINUALLY BEING ENHANCED. WE LISTEN TO YOU, STRIVING TO ADD AND ENHANCE THE PRODUCT AND SERVICE TO ASSIST YOU WITH THE DIAGNOSIS AND TREATMENT OF YOUR PATIENTS.

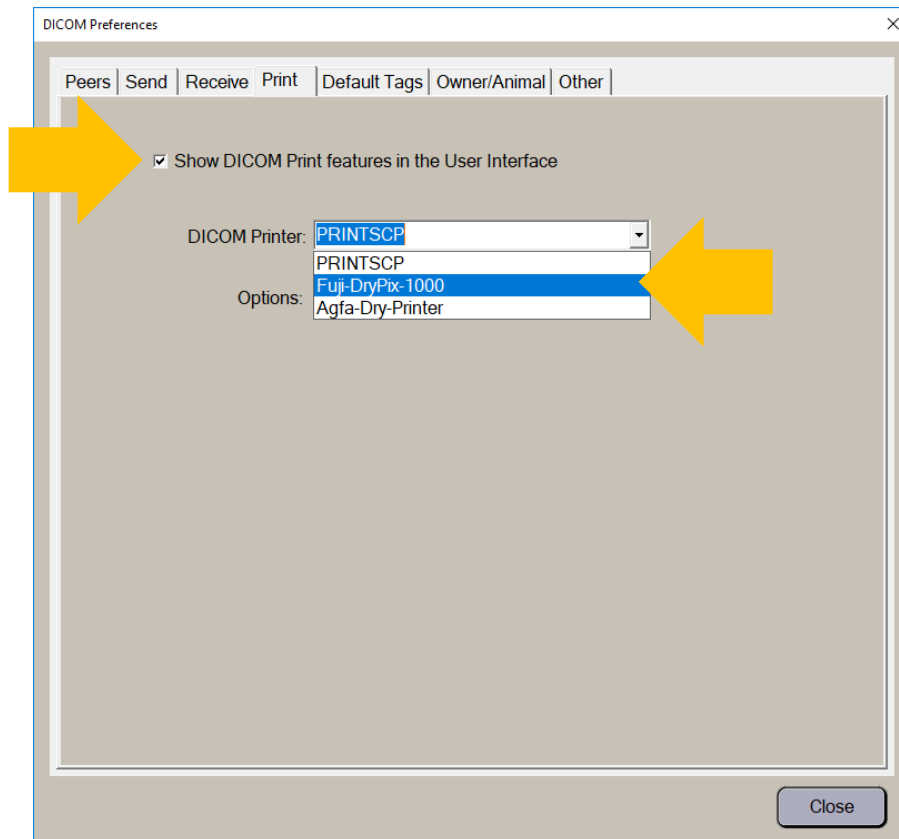
DICOM Print can only be used to print between 1 and 12 images per page in a “fit to page” style format.

Configuring DICOM Print

Click the “**System**” tab, then click “**DICOM Preferences**”. In the DICOM Preferences panel there is a tab for **DICOM Print**:



1. Initially DICOM Print will not appear in Metron's user interface until it is turned on by checking the box at the top of the DICOM Print Preferences page:



2. You should then choose which DICOM Printer you will be using from the pull-down. These names refer to text files that specify the capabilities of a given printer. These files reside in C:/Epona/DP/Desc and if you open the one for Fuji-DryPix-1000 its contents are:

```
[Fuji-DryPix-1000]
Aetitle = PRINTER_AE
Description = Fuji-DryPix-1000
Hostname = localhost
Port = 4008
Type = LOCALPRINTER

BorderDensity = 150\20\BLACK\WHITE
DisableNewVRs = false
DisplayFormat=1,1\1,2\2,2\2,3\3,3\3,4\3,5\4,4\4,5
EmptyImageDensity = 20\BLACK\WHITE
FilmDestination = MAGAZINE\PROCESSOR\BIN_1\BIN_2
FilmSizeID = 8\INX10\IN\10\INX14\IN
ImplicitOnly = false
MagnificationType = REPLICATE\BILINEAR\CUBIC\NONE
MaxDensity = 320
MaxPDU = 32768
MediumType = PAPER\CLEAR FILM\BLUE FILM
MinDensity = 20
OmitSOPClassUIDFromCreateResponse = false
PresentationLUTMatchRequired = false
```

```
PresentationLUTinFilmSession = false
ResolutionID = STANDARD\HIGH
SmoothingType = NONE
Supports12Bit = true
SupportsDecimateCrop = true
SupportsImageSize = true
SupportsPresentationLUT = true
SupportsTrim = true
```

Important! You must edit the lines in the first section of this file in order to give the AETitle, the Hostname, and the Port of your actual DICOM Printer.

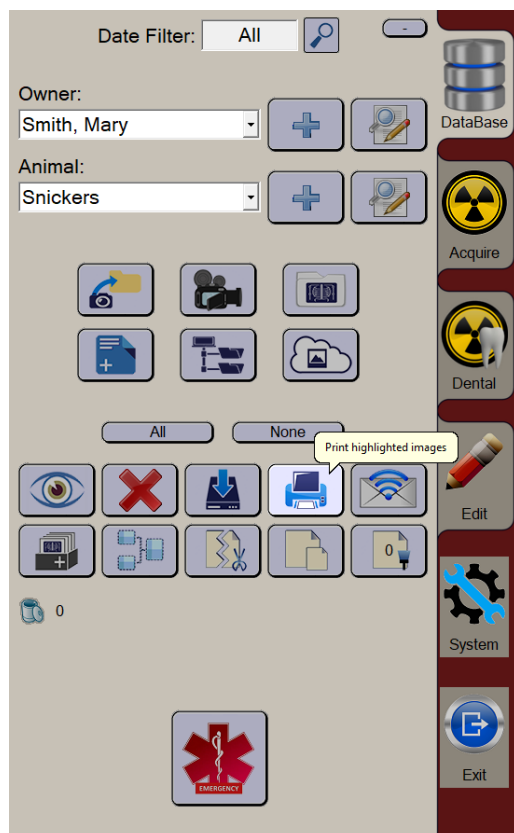
Other entries in this file may be edited if you think that it does not accurately describe this printer. Other files in this same format may be added to this folder to define other DICOM printers.

At present, the only selection under “Options” is the “Default” choice. In the future, we will have more flexibility by adding some optional inputs to the printing.

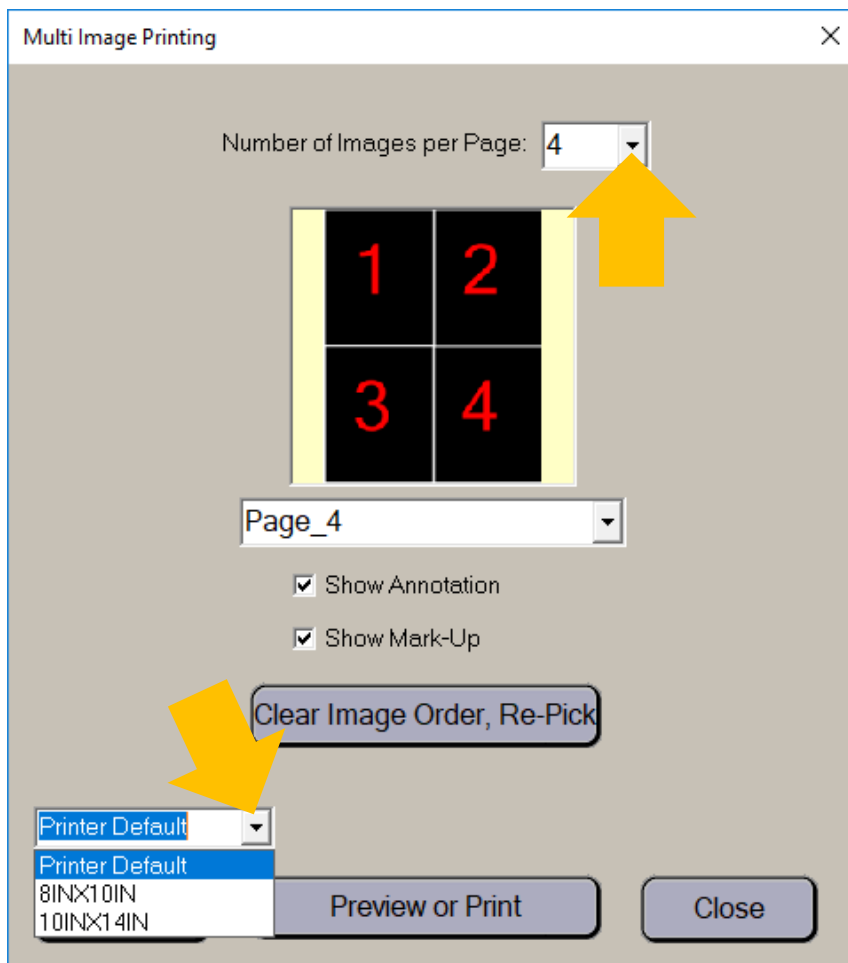
Using DICOM Print

DICOM Print is in the multi-image print interface familiar to Metron users.

First highlight the thumbnails corresponding to the images you wish to print (remember the “**All**” button is helpful if printing all images of a study). Then click the “**Print**” button in Metron’s Database panel.



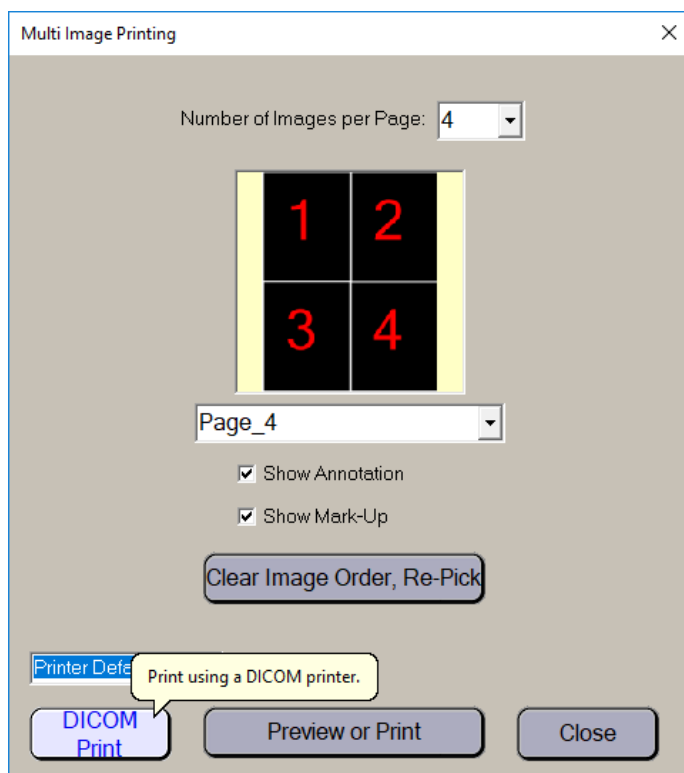
Choose the number of images you wish to print per page using the drop down arrow. Indicate if you want **Annotation** and/or **Mark-Up** to be shown on the images. Choose the printer.



The dialog box titled "Multi Image Printing" contains the following elements:

- A label "Number of Images per Page:" followed by a dropdown menu showing the value "4". A yellow arrow points to this dropdown.
- A 2x2 grid of black squares with red numbers 1, 2, 3, and 4. A yellow arrow points to the top-right corner of the grid.
- A dropdown menu showing "Page_4".
- Two checked checkboxes: "Show Annotation" and "Show Mark-Up".
- A button labeled "Clear Image Order, Re-Pick" with a yellow arrow pointing to it.
- A printer selection dropdown menu showing "Printer Default" with a list of options: "Printer Default", "8INX10IN", and "10INX14IN". A yellow arrow points to this dropdown.
- Two buttons at the bottom right: "Preview or Print" and "Close".

Then click **"DICOM Print"**.



The images will be sent to the printer.



Contact us if you have additional questions.
We can be reached at metron@metronsupportservices.com or 1-877-638-3868.