

# dicomjet v5

Advanced DICOM paper printing solution



Print your medical images on paper,  
directly from modality's console

## Fulfilling the need for hard copies in the PACS digital world

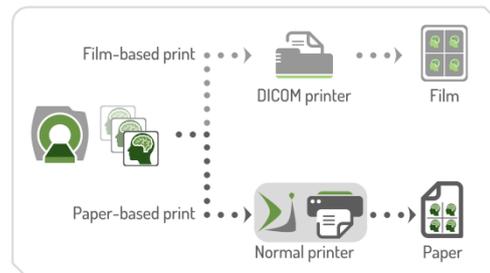
Today most medical institutions have adopted a fully-digital diagnostic workflow: radiologists normally perform their diagnosis directly on the screen of dedicated workstations.



Nevertheless, there is still the need to take medical images out of the hospital, for instance to provide copies of the exam images to the patient, or to accompany the report for the referring physician. A "hard copy" of the acquired medical images is certainly the most immediate and effective mean for most users. DICOMJet makes producing hard copies of medical images a snap!

## Looking for an alternative to printing medical images on film?

The DICOMJet software solution turns your office printer into a full-featured DICOM printer. DICOMJet is able to receive print requests directly from modality's console, then to translate them to standard Windows print requests, and to forward them to your favourite office printer(s). A system made up



of a PC running DICOMJet, plus a standard office paper printer, fully replaces a DICOM film printer. Implied cost savings are huge, and the system pays itself in a few weeks.

## Need an immediate communication mean to couple with diagnostic reports?

Paper hard copies of medical images are the most immediate, effective and comfortable communication mean for the patient and the referring physician, when coupled with the diagnostic report. They are also an excellent companion for patient CDs/DVDs, considering many referring physicians may not have the skill to proficiently use a DICOM viewing software, or may not even have a PC at their office. Finally, paper hard copies are easy to annotate, fold and mail.



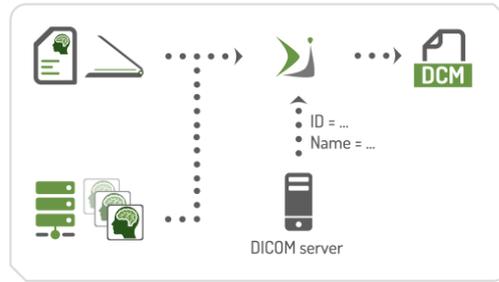
## Near-diagnostic print quality

When coupled with a high-quality paper printer, DICOMJet allows obtaining hard copies of near-diagnostic quality. Thanks to its intuitive and powerful user interface, DICOMJet offers advanced tools to optimize image quality, even in a modality-specific way.



## Need to DICOMize images or documents?

DICOMJet allows converting images received through DICOM print to 100% standard-compliant DICOM image files. Required patient and exam information can be automatically acquired through the DICOM protocol, via the Modality Worklist or Query/Retrieve services. When coupled with a EIP-enabled Xerox device,



DICOMJet allows scanning and DICOMizing any kind of document, such as text reports, insurance forms, etc. In this case, all user interaction happens through the MFP's touch panel.

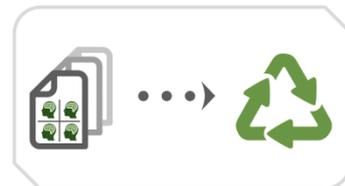
## Powerful marketing tool for medical centers

DICOMJet allows customizing printed sheets with personalized headers and footers, including both text and images. Medical institutions may include their own logo, message or slogan on every printed sheet, also including color of course. Nice-looking printed sheets will satisfy patients and will act as a powerful marketing tool for the medical center.



## Cheap and environment-friendly distribution of medical images

Printing paper copies of medical images through DICOMJet is very cheap (few cents per sheet), but still very useful and valuable for patients and referring physicians. Final disposal of paper copies is trouble-free and environment friendly, differently from final disposal of film sheets.



## Robust, reliable, supported, certified

NeoLogica has more than 10 years of experience in the medical imaging and DICOM fields. Over all these years, DICOMJet has been continuously improved and enriched with new functionalities. Choosing DICOMJet means choosing a robust, highly-reliable, hassle-free, professionally-supported, standards and regulations-compliant DICOM printing solution. Hundreds of installations all around the world are there to witness the value of this product.



## dicomjet : technical features

- ❖ Full DICOM 3.0 compliance: DICOMJet exactly reproduces the behavior of a full-featured DICOM film printer on your office printer
- ❖ Supports unlimited simultaneous DICOM associations
- ❖ High-quality grayscale and color print: produced images are of near-diagnostic quality
- ❖ Fully customizable layout, header, footer and logos on the printed sheets
- ❖ Advanced management of DICOM print jobs, which can be saved, previewed and re-submitted in a second time
- ❖ Advanced support for true-size printing
- ❖ Single software instance is able to drive several printers, with forwarding tables and rules
- ❖ Advanced image manipulations and quality adjustments are possible, thanks to the support for modality-specific driver settings, software lookup tables (LUT's) and image transformations
- ❖ Support for JPEG, PNG, TIFF, BMP export of images
- ❖ CE-marked as a class I medical device
- ❖ FDA-listed as a class I medical device (Image Communications Device category)



## ABOUT NEOLOGICA

NeoLogica designs and develops advanced software solutions in the medical imaging field.

NeoLogica was founded in 2002 by a small group of engineers, and it immediately started working and specializing in the **medical imaging** and **DICOM environments**.

Today all our medical imaging software products are fully DICOM-compliant, and they are based on software layers that we wrote from the ground up. We believe this is a great value when it comes to supporting customers, and it allows us to react in the fastest and most efficient way to any kind of request.

Today NeoLogica has customers all around the world, including Europe, North America, Latin America, Australia, Asia and Africa.

Our job is effectively described by the words **Research** and **Development**: we believe Research is the only mean to obtain a real technological progress and to get superior products from the technological point of view.

At the same time, we strive to guarantee that Research leads to actual results that we can directly embed into our products: thus Research feeds Development, in order to obtain technologically advanced products that are also easy to use.

The professionalism and skills of our human resources are our fundamental values; exceeding customers' expectations with our products is our main objective.



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