

DICOM® Printer

Paperless Healthcare

“DICOM Printer is a universal DICOM-enabler. It is the perfect way to achieve a truly paperless and automated workflow.”

With the shift to DICOM already well underway, it is critical that all aspects of your health network are integrated into this ideal digital environment.

DICOM Printer adds DICOM store and print functionality to any application, as well as virtually all medical devices. Already processing thousands of documents each day at sites spanning the globe, DICOM Printer can help you eliminate unnecessary paper from your workflow.

Key Features

- Print documents from any application and most devices
- Query against **PACS** or **Worklist**
- Store documents on PACS or send to DICOM Film
- Share across a network to optimise workflow across your site

Automated Service Module

- Offers automatic study association, and storage or print
- Invisible, can act as a DICOM connector for any application



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Typical Applications

Whether you require the ability to store documents and images to PACS, or are in need of a quick way to send your images to DICOM-compliant film, DICOM Printer is your perfect solution. Recommended applications include:

- Addition of DICOM store and print functionality to applications in many fields.
- Retrofitting DICOM store and print functionality to legacy or non-compliant devices.
- Association of documents or spreadsheets with studies in PACS.

Just Print To It

Appearing in your Windows printer list, DICOM Printer acts as both a virtual printer and a DICOM client to associate your documents quickly with studies already in PACS, generate new series, and either store or send to DICOM print servers. Since DICOM Printer receives documents directly from print requests, compatibility with almost every application is assured. This convenient path of entry makes DICOM Printer suitable for every environment.

Two Modes of Operation

In order to meet the diverse needs of the medical community, DICOM Printer is offered as either a user-interactive application, or an automated background Service Module. The user-mode is intended for situations involving smaller numbers of documents, where an on-site technologist can query PACS and submit results. DICOM Printer Service Module is intended for hands-free operation, where studies are automatically associated and, stored or printed. Please refer to the Feature Comparison chart for details.

Feature Comparison

DICOM Printer GUI Service Module

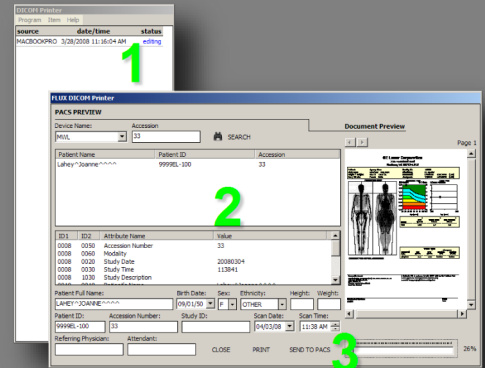
Print from any Application	<input type="checkbox"/>	<input type="checkbox"/>
Query studies in PACS	<input type="checkbox"/>	<input type="checkbox"/>
Query Worklist records	<input type="checkbox"/>	<input type="checkbox"/>
Send documents to PACS	<input type="checkbox"/>	<input type="checkbox"/>
Print results to DICOM Film	<input type="checkbox"/>	<input type="checkbox"/>
Invisible background operation	<input type="checkbox"/>	<input type="checkbox"/>
Automatic query and association	<input type="checkbox"/>	<input type="checkbox"/>
Automatic store and print	<input type="checkbox"/>	<input type="checkbox"/>

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List of Query Syntaxes

Modality Worklist Query
Study Root Information Model FIND
Patient Root Information Model FIND

Storage Syntax

Secondary Capture Image Storage

Print Syntaxes

Basic Grayscale Print Management
Basic Annotation Box
Presentation LUT



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System Requirements:

Windows 2000, XP, Vista or Server 2003
2 GHz or faster processor with 512 MB RAM
DICOM compliant PACS or Print Server