DICOMatic

TomoVision

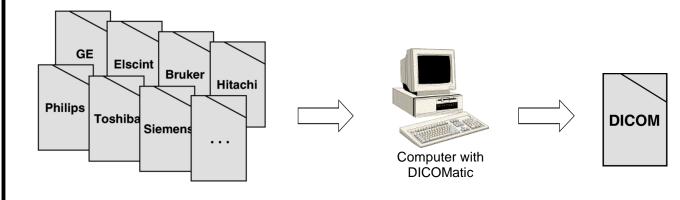## Convert all your medical images to the DICOM format

DICOMatic for Windows

DICOM (Digital Imaging and Communication in Medicine) has become the standard image format for all medical images. Old scanners did not produce DICOM images but instead used proprietary formats. If you need to work with these images you first need to convert the images to DICOM.

DICOMatic will recognize and convert more than 30 image formats from CT, MR and Ultrasound systems. To use DICOMatic all you need to do is drag your images into the DICOMatic window and drop them there. It's that simple!

Computer with DICOMatic

- Why pay tens of thousands of dollars to convert your image library when you can do it for a fraction of the cost?

- Why convert all your patient archives when you can convert the studies you need when you need them?

A single PC running **DICOMatic** will answer all your conversion need!

DICOMatic is recognized by the FDA as a Class 1 device. You can safely use it to convert your medical images to the DICOM standard without losing any of the critical information.

DICOMatic is a must for any centre that has or ever had a non-DICOM scanner!

If you don't use DICOMatic and you send your images to a conversion service, chances are **they** are using DICOMatic! And if you really do not want the hassle of doing it yourself, send us your data, we will convert it to DICOM for you.

DICOMatic conversion Module

This module will enable you to convert your images to the DICOM format.

Supported formats (check the web site for the latest additions!)

CT Formats Module	
Manufacturer	**Format**
Dichte	pQCT
Elscint	Elscint, DICOM Lossless RICE
GE	NEMA-1, NEMA-2, CT-9800, PACE, Signa 5.x, SYTEC
Imatron	Imatron
Philips	HDL1 CT, JUSTFF and SPI
Picker	IQ/PQ (compressed and uncompressed)
Shimadzu	IS&C and SCT
Siemens	Numaris (1 and 2), Somatom (AR, DR, Plus and Plus-4), SPI (compressed and uncompressed), Vision
Toshiba	IS&C, NEMA-1 and NEMA-2

Ultrasound Formats Module	
Manufacturer	**Format**
Agilent Tech.	DSR
ATL	ATLI, DEFF
GE	Kretz File
HP	DSR
Medison	Kartesian
Philips	DSR

MR Formats Module	
Manufacturer	**Format**
Bruker	Paravision
Elscint	Esteem
Fonar	Fonar
GE	PACE, NEMA-1, NEMA-2, Signa (3, 4, and 5.x)
Hitachi	HDL1 MR
MRRS	SMIS
Philips	SPI
Picker	IIF (also used by Marconi scanners)
Shimadzu	MR
Siemens	Magnetom, Numaris (1 and 2), SPI, Vision
SMIS	SMIS
Toshiba	PD, IS&C, VF, NEMA-1 and NEMA-2
Varian	Varian

Nuclear Formats Module	
Manufacturer	**Format**
ADAC	ADAC
GE	Advance PET
Siemens	ECAT
Toshiba	NEMA-1
N/A	Interfile

Other Formats Module
Interfile, Analyze, Camtronics, LEAD, Lumisys, Optimed, Materialise, Papyrus, JPEG, JPEG-2000, TIFF...

DICOMatic DICOM_Watch & Connect Modules

Use DICOMatic to connect your non-DICOM scanners to your PACS!

With these modules, you will be able to hook up your non-DICOM scanner with your PACS. As soon as your scanner has acquired its images, they will be converted on the fly and push to your PACS automatically. The only thing needed from your scanner is the ability to support FTP, and most scanners can do that.

ReadOmatic Module

With the readOmatic module, any desktop computer can read medical archive media.

Whether your archive is on tape or an optical disk, just pop it into your computer and readOmatic will do the rest! Your archive media will be analysed and its content presented in a study/series/image tree. Simply select the data you wish to transfer and readOmatic will read it from the media, convert it to DICOM and copy it to your hard drive or push it to your PACS.

From your archives

read**O**matic

To your computer
or your PACS

readOmatic support most archive media from CT, MR, ultrasound and nuclear scanners

Manufacturer	Medium	Format
Acuson	DLT tape	MTFS
Alphatronix	MOD & WORM	Alphatronix
Camtronics	MOD & WORM	Camtronics
Elscint	5¼" MOD & WORM	FAT-16, UNIX "efs"
GE	9 Track Tape	CT9800, Genesis, Signa
	4mm DAT Tape	Signa
	DLT tape	DSS
	5¼" MOD	ODRP
	5¼" WORM	DoroFile
	5¼" MOD & WORM	GE PACE, GEMS (CT,MR & PET)
Hitachi	5¼" MOD & WORM	RM-WXS
HP	5¼" MOD & DLT tape	DSS
Imatron	9 Track Tape	Imatron
	5¼" MOD & WORM	RT-11
Philips	9 Track Tape	CT-WXS, NEMA-1
	5¼" MOD	CT-WXS
	5¼" MOD & WORM	SPI
	5¼" MOD	DEFF, DSR, Enconcert

Manufacturer	Medium	Format
Picker	9 Track Tape	MR6B
	8mm Exabyte Tape	IQ/PQ
	5¼" MOD & WORM	PICR
Shimadzu	5¼" MOD & WORM	IS&C, SCT, MR
Siemens	9 Track Tape	SOMATOM, SPI
	12" MOD & WORM	SPI
	5¼" MOD & WORM	SPI, SIENET
Spectrum data	MOD & WORM	Spectrum
Toshiba	5¼" MOD & WORM	IS&C, UNIX "efs"
Walter Graphtek	MOD & WORM	WG EEG
Others	All Tapes	ANSI, BRU, MTF, TAR
	MOD	FAT-16, FAT-32, NTFS
	MOD	MacOS
	MOD	VMS
	MOD	UNIX "BSD", "efs", "jfs", "ufs", "xfs"
	N/A	DICOMDIR