



// HUMPHREY MATRIX
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Humphrey Matrix 800 Network Connectivity Goals and Requirements

Application Note

CAUTION: Refer to the Humphrey Matrix® 800 User Manual for warnings, safety information, labeling and detailed operating instructions. This Application Note is only a complement to the User Manual.

What is your connectivity end goal?

The goals described here provide an overview of the connectivity options for the Humphrey Matrix 800.

Goal 1: View Report in DICOM EMR

View the PDF of the Humphrey Matrix report in the patient record of a DICOM compliant EMR or Viewer/Archive application (example: Windows® Vista®, FORUM®). Export a DICOM-compliant image file to the server and view the image file in an EMR or Viewer/Archive application. Humphrey Matrix 800 comes with built-in DICOM Gateway, which needs to be configured by your network administrator.

Software

Version 8.0

Goal 2: View Report in EMR

View a Humphrey Matrix 800 report in the patient record of an EMR. Requires export of the Humphrey Matrix 800 PDF or JPG image file to a shared network folder from which an EMR can import.

Software

Version 8.0

Goal 3: View Report on a PC

View a Humphrey Matrix 800 report on a PC. Requires exporting a PDF or JPG image file of the report to a shared folder, and browsing to that folder to view the file.

Software

Version 8.0

Goal 4: OfficeMate ExamWRITER (USA)

There are three options for OfficeMate® ExamWRITER® integration:

1. Through FORUM via the ethernet connection.
2. Through the serial cable connection. The OfficeMate serial cable kit is sold separately.
3. The PDF or JPG image may be exported via the ethernet connection to a shared folder and manually moved into the patient record in OfficeMate ExamWRITER.

Software

Version 8.0

Goal 5: Network Printing

The Humphrey Matrix 800 provides native generic PCL 3, PCL 5 and PostScript printer support for local, shared and networked printers. The printer does not require external drivers to support these printer languages. Only native PCL 3, PCL 5 or postscript printers will work with the Humphrey Matrix. Printers that depend on a Windows print engine do not work with the Humphrey Matrix.

Please note that the Humphrey Matrix 800 is shipped with a printer in most countries.

Software

Version 8.0



We make it visible.

Humphrey Matrix 800


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Application Note

NETWORK FILE SERVER SYSTEM REQUIREMENTS

Operating Systems	Windows XP Professional, 32-bit, Service Pack 3 Windows 2000 Professional, Service Pack 4 Windows Vista, 32-bit, Service Pack 1 Windows Server® 2003, Standard Edition, 32-bit, Service Pack 2 Windows Server 2008, 32-bit Windows 7, 32-bit
System Requirements	If you plan to use a network file server it must meet the following minimum requirements: <ul style="list-style-type: none">■ Processor: 800 MHz processor or faster■ Memory: 256 MB RAM■ Network interface card 10 or 100 Mbps■ Network switch, 10/100■ External Hard Drive or Tape backup unit for offsite data storage
Network File Server Recommendations	In addition to the minimum requirements listed above, we recommend the following for the network file server: <ul style="list-style-type: none">■ An uninterruptible power supply (UPS) is strongly recommended■ A mirrored RAID array for data storage is strongly recommended■ The file server must be started prior to use by the Humphrey Matrix
Approved Printer	Many printers are available that are compatible with the Humphrey Matrix 800. Please note if you use an unqualified printer with the Humphrey Matrix, Carl Zeiss cannot guarantee technical support. Repairs necessitated by the attempt to use a non-qualified device are not covered under warranty. Any printer considered must meet the following criteria: <ul style="list-style-type: none">■ Network port or USB port (the network port must be 100, or 10/100 Base T) If a USB port is used, an isolation transformer is required■ Ability to print on 8.5 x 11 paper in the U.S. or appropriate paper size outside the U.S.■ Native generic PCL3, PCL5, and Postscript printer driver support



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