

# Clinical Express<sup>®</sup>

## DICOM Film Acquisition Software

DIGITIZE

SEND

COPY

PRINT

### *Integrating prior studies and outside facilities...*

If you need to access prior studies, access studies from outside facilities, connect a remote site, or make digital copies of films for the patient to take to another facility — VIDAR's ClinicalExpress<sup>®</sup> is the solution for you.

ClinicalExpress is designed for ease of operation and was developed specifically for use with the world's leading line of film digitizers — VIDAR System Corporation's DiagnosticPRO<sup>®</sup> Advantage and SIERRA plus. This software complies with the Digital Imaging and Communications in Medicine (DICOM) 3.0 standard to digitize relevant prior films and send the images to DICOM PACS or workstations. This allows for easy connection to outlying clinics, departments, film libraries and reading and treatment facilities. Alternatively an easy to use film digitizing station can be placed in the main file room for digitizing film-based priors into the PACS system or to make hard copy duplicates without the need for chemicals.

**Digitizing.** ClinicalExpress utilizes the multi-sheet film feeder capability of the DiagnosticPRO Advantage digitizer to digitize films and associate them with a patient and study. The application provides a set of controls for quality assurance and image adjustment – even advanced manipulations such as splitting printed films into individual CT/MRI images.

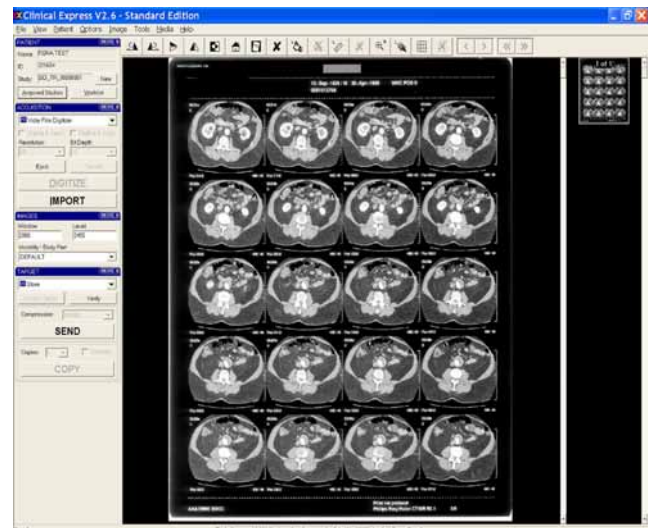
**Transmission.** When digitizing and QA are done, the ClinicalExpress software transfers the study to a user-selectable DICOM network node, locally or at a remote site.

**Copying.** ClinicalExpress makes accurate copies of film originals by outputting images to a DICOM film printer. Reference copies can be sent to inkjet/laser printers.

**Less time... Fewer errors.** The Modality Work List option allows ClinicalExpress to Query for patient/study data from a DICOM modality Work List Server and eliminates the need to retype patient and study level information.

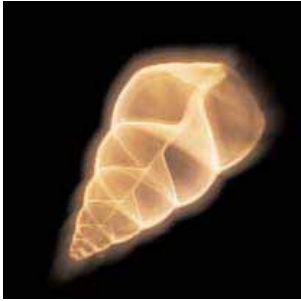
**Import/Export other DICOM Media.** The DICOM IHE/PDI option allows importing DICOM media from CDs (e.g., CD based referral images) as well as scanning paper evidence documents (via standard paper scanners). This includes the ability to manually write DICOM CDs and easily and cost-effectively transfer patient examination data in DICOM to other facilities not connected to your PACS.

**Regulations.** VIDAR helps you with HIPPA compliance with functions such as auto logout, locking function keys, audit trails and patient data anonymization.



(800) 635-6779

[www.datadistributing.com](http://www.datadistributing.com)



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### System Specifications

#### Computer

The *minimum* computer system is:

- 2.0GHz Pentium 4 PC
- 512MB of memory; more for large sets of high resolution images
- 30GB hard disk
- VIDAR-approved interface to the digitizer
- Windows 2000 Service Pack 4 or Windows XP Professional Edition Service Pack 1 or 2
- Video card with 16MB memory set to 1280x1024 resolution and 64,000 colors or higher color depth
- 15" display with 1280x1024 resolution

#### Film Digitizers

ClinicalExpress works with the following VIDAR film digitizers:

- DiagnosticPRO<sup>®</sup> Advantage
- SIERRA plus

#### Paper Scanners

Must be TWAIN compliant. Contact VIDAR for a complete list of supported paper scanners

#### Features

- DICOM Storage Class User and DICOM Print
- QA tools: window/level, rotate, flip, invert, measure lengths and redact sensitive information
- HIPAA compliance functions include auto logout, locking function keys, audit trail and patient data anonymize
- Local patient database query
- Thumbnails for quick access to images
- One-click image deletion
- Batch Scanning (if supported by the digitizer)
- Image Compression
- Digitize and send or print in one operation
- Combine multiple images on one film (copy only)
- Separate MRI and CT films into single images in 1 series for viewing in cine mode at reporting workstation
- Anatomical processing

#### Optional Modules

- DICOM Modality Work List
- DICOM PDI (Media Import and Export) and paper scanning with separate paper scanners

**ClinicalExpress is not Diagnostic Viewing software**

Specifications are subject to change without notice.

