F A C T   S H E E T

VIDAR® Clinical*Ex*press® DICOM Film Acquisition Software

Introduction

- Clinical*Ex*press, developed by VIDAR Systems Corporation, is an innovative software application that uses the DICOM 3.0 standard to digitize relevant prior films and send the images to DICOM PACS or workstations.

- Clinical*Ex*press was developed for use with two of VIDAR's clinically proven medical film digitizers, the DiagnosticPRO® Advantage and SIERRA *plus*.

- Clinical*Ex*press allows easy connection to outlying clinics, departments, film libraries and reading and treatment facilities to your main hospital radiology imaging clinic.

- Clinical*Ex*press placed in the file room allows for digitizing film-based priors into the PACS system or to make hard copy duplicates without the need for chemicals.

Capabilities and Benefits

- Clinical*Ex*press provides a set of controls for quality assurance and image adjustment — even advanced manipulations such as splitting printed films into individual CT/MRI images.

- Clinical*Ex*press uses the Digital Imaging and Communications in Medicine (DICOM) 3.0 standard to capture and send traditional film images to DICOM workstations.

- Clinical*Ex*press makes accurate copies of film originals by outputting images to a DICOM film printer. Reference copies can be sent to inkjet/laser printers.

- The Modality Work List option creates a scanning Work List and/or enables a search of existing databases to eliminate the need for retyping patient and study level information.

- The PDI option allows scanning paper evidence documents (via standard paper scanners) and importing DICOM Media from CDs – such as CD based referral images. 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.

Clinical*Ex*press System Requirements

- Windows NT or 2000-based personal computer with Clinical*Ex*press software.

- VIDAR DiagnosticPRO Advantage or SIERRA *plus* film digitizer.

- Paper scanners must be TWAIN compliant. Contact VIDAR for a complete list of supported paper scanners.

DiagnosticPRO Advantage Film Digitizer

- The DiagnosticPRO Advantage was designed to meet the needs of PACS and remote primary diagnosis by combining clinically proven image quality, affordability, and the highest reliability in the industry. The DiagnosticPRO Advantage features VIDAR's proprietary *High Definition* CCD technology to achieve superior optical density range and resolution, resulting in images that exceed the American College of Radiology teleradiology practice guidelines.

SIERRA *plus* Film Digitizer

- Weighing less than 25 pounds, the compact, affordable SIERRA *plus* is the first wall-mountable film digitizer. In a number of clinical studies, the award-winning SIERRA *plus* has consistently delivered the performance of larger, more expensive laser systems. It offers a unique combination of exceptional image quality, reliable performance, compact size, flexibility of siting, and affordability, making it ideal for use in imaging centers and small- to medium-sized hospitals, as well as larger hospitals that require multi-digitizer solutions.

About VIDAR

- VIDAR Systems Corporation, a privately held company headquartered in Herndon, VA, is the worldwide leader in medical film digitizers, with more than 12,000 installed. VIDAR's digitizers are the choice of over 100 major PACS and teleradiology systems solution providers.

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