

nexus^{DRF}

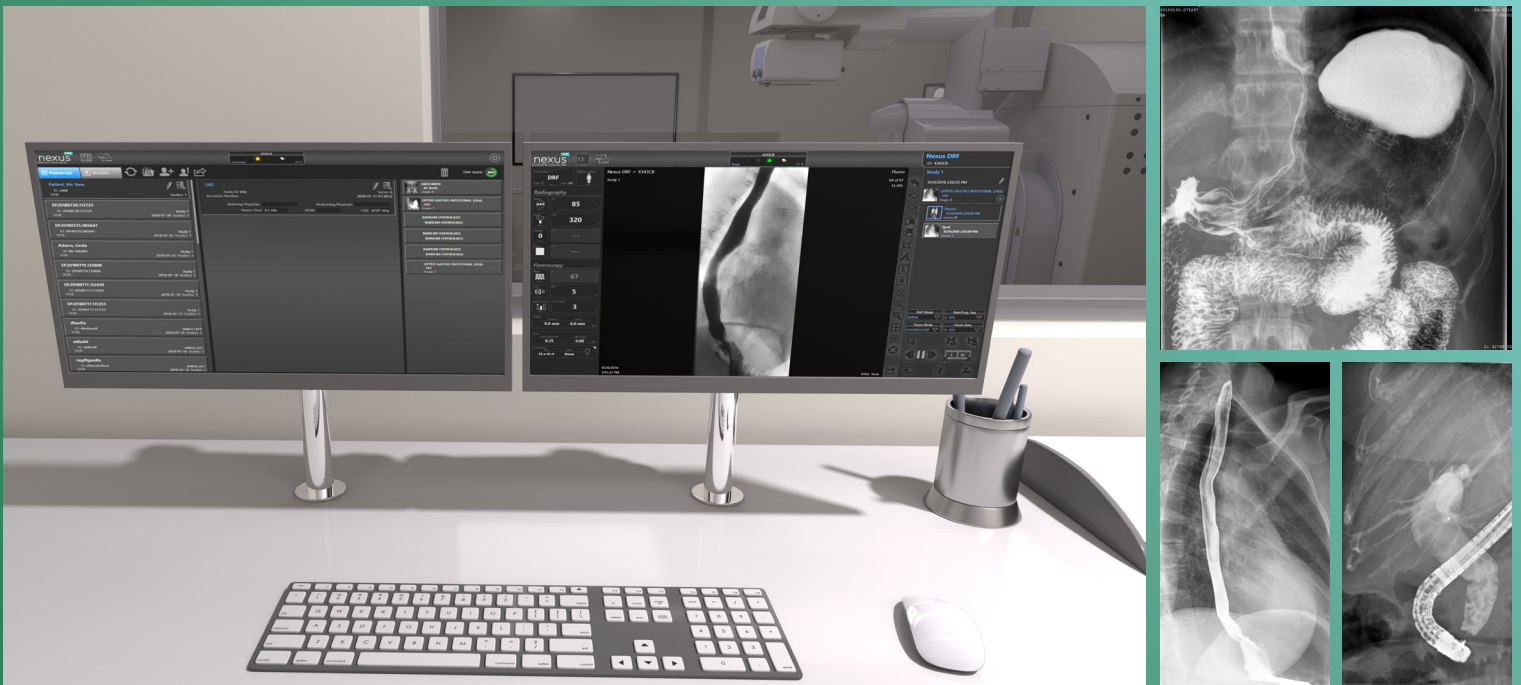
Nexus-DRF™

One system designed to increase the value of your X-ray imaging product portfolio.



VAREX[®]
IMAGING

Solutions in Sight[®]



A powerful multi-purpose digital imaging system, Nexus-DRF combines R&F and DR capabilities on one imaging platform using the PaxScan 4343CB or 4343DXV dynamic flat panel detectors with the optional PaxScan 4343W flat panel detector for DR imaging.

Nexus DRF brings Varex Imaging's years of experience in digital imaging technology together with Varex Imaging's flat panel technology to bring you a system that is a true value add for your R&F imaging needs.

Cost-effectiveness

- Fully integrated system solution from one supplier
- FDA clearance included
- Service mode with remote diagnostics

Productivity

- High-performance database for faster system throughput
- Enhanced GUI for easy navigation
- Optimized workflow
- DICOM 3.0 and IHE compliant

Advanced Image Quality

- Optimized algorithms do the work for you
- Complete post-processing toolkit for the really difficult cases

Integration Capabilities

- Nexus DRF can be integrated to certain X-Ray generators
 - Currently the CPI IQ and Spellman HFe are fully integrated
 - Talk to your Varex Imaging account manager about additional possibilities

Acquisition

- Real-time automatic image optimization
- Serial acquisition up to 12 FPS
- High resolution serial acquisition up to 4 FPS
- Customizable fields allow exam settings to be preprogrammed for one-click exam setup
- Supports multiple studies for a single patient session
- Dose recording from generator (Requires feedback from generator if equipped)
- Integrated Collimator Support
- Dicom Structured Dose Report
- Enhanced Angiography Package
- Multi-Panel Support - up to 2 panels
- Highly optimized DR image acquisition work flow

Fluoro

- Pulsed Fluoro
- Acquisition up to 25 FPS
- Fluoro loop with the option to store entire loop or single frames
- Fluoro loop cropping to relevant frames, to reduce file size
- Last image hold with option to review previous frames
- Advanced Contrast and Edge Enhancement
- Adaptive Motion Correction with Integration
- Fast ABS (Automatic Brightness Stabilization)

Image Processing Software

- Dose and processing are automatically optimized based on selected frame rate and magnification
- Imaging parameters tied to customizable APR-based acquisition profiles
- Basic measurement and annotation tools
- MRP- Multi-Resolution processing
- Image Gently
- AutoStore Fluoro Loops
- Exposure Index

Software Features

- HIS/RIS work list support
- Configurable automatic study advance
- Over 500 preloaded exam profiles
- Accept/reject functionality
- Auto region of interest (ROI)
- Background multi-tasking hard copy allows simultaneous processing and printing during acquisition
- Reject Analysis Report
- Full body image stitching option*

*disclaimer: Not for sale in all countries

DICOM 3.0 Network Interface

- DICOM 3.0 network interface kit includes print class, storage class, work list, modality perform procedure step, and storage commitment class

Supports IHE Integration Profiles

- Scheduled work flow
- Patient information reconciliation
- Portable data for imaging

Nexus DRF System Specifications

- PC Tower electronics enclosure
- High speed CPU & GPU processing
- Configured to support the Varex Imaging panels
- RAID 10 drive stores 10,000 patient files and 70,000 images (not intended to be an archival device)
- Windows 10[®] - 64 bit operating system with intuitive graphical user interface
- User input via touchscreen or keyboard & mouse
- DICOM DVD-RW with on-board viewer

More Information

As a market leader and independent supplier of medical X-ray components, we have extensive experience providing high-quality, safe, and effective products.

For more information, please contact a Varex Imaging sales representative at NexusSoftware.cs@vareximaging.com.

All promotional material and the information provided herein is for planning purposes only. Commercial sale is dependent upon FDA clearance.

Varex Imaging Corporation

HEADQUARTERS
Salt Lake City, UT
Tel: 801-972-5000

WORKSTATION PRODUCTS
121 Metropolitan Dr.
Liverpool, NY 13088
Tel: 315-234-6800

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