



DryView 6800/6850 Laser Imaging System

Audience: Biomedical Engineers, Dealers & Business Partners who support the DryView 6800/6850 Laser Imaging System

Objective & Learning Outcome:

Upon successful completion of this course the student will be able to:

- Describe the role and operation of the 6800 and the 6850 imagers
- Connect the cabling between the components of the systems, configure the imagers, and produce quality films.
- Operate the systems and produce a readable image with no gross errors.
- Identify, isolate, and repair a minimum of two practical problems within the film transport function.
- Identify, isolate, and repair a minimum of one film quality practical problems
- List the two situations under which the 6800/6850 will print a calibration sheet.
- Identify the Major Hardware Assemblies of the 6800 and 6850 Laser Imagers.
- Identify the Major Software Components of the 6800 and 6850 Laser Imagers.
- Using the DryView Documentation, physically identify all motors and sensors, and describe the film transport process.
- Demonstrate the use of the new certified Carestream Health Service Tool software, Weblink.
- Access the DRE Desktop via UltraVNC software
- Communicate with the 6800/6850 Laser Imagers Digital Raster Engine using SecureLink and Weblink to perform:
 - Setup/configuration tasks
 - Maintenance tasks
 - Troubleshooting (Access and interpret error codes to diagnose performance problems)
- List the supplies needed and describe the steps to completing the 6800/6850 preventative maintenance

Training Outline:

Training is performed by a Carestream Technical Trainer or Product Specialist. The class is structured with Instructor Led lecture/discussion and practical hands-on exercises.

Introduction to the DryView 6800 SecureLink

- SecureLink digital certificate
- SecureLink installation
 - Creating a certificate request
 - Installing your Digital certificate
 - Connecting through the SecureLink

Introduction to the DryView 6800 Class

6800 DryView Laser Imager Features

- High quality Laser imager – 650 DPI
- Mammo Certified
- Fast film printing – up to xxx per hour
- Multiple film sizes available:
- Three film drawers available to load any films
- DICOM – input
- Optional equipment – Sorter
- Remote Manager Service – (RMS)

System Overview (Total System)

- Modalities
- Networking
- DryView 6800
- Viewing station/ Light box
-

DICOM (Review)

- Basic review of DICOM principles
-

DryView 6800 Installation / Connectivity

Hardware Installation

- Unpacking system
- Cabling
- System Operation/ Checkout (Basic) Operation Training

Software Installation / Connectivity

- Modality Database Connectivity information
- Software configuration – 6800 ST set-up mode
- Total System Operation / Connectivity checkout
- Backup and Restore procedures

DryView 6800 Major Modules

- DICOM Raster Engine
- General Machine Control System
- Pickup and Rollback Assembly
- Registration Assembly
- Optics/Exposure Transport Assembly
- Flat Bed Processor Assembly
- Densitometer Assembly
- Sorter Assembly

PM Procedures

- Supplies / Kits / Tools
- Maintenance Schedule
- Detailed PM Procedures

Image Quality

- Image Quality Standards / Tests
- Field Problems / Tech. Bulletins
- Win DPS Tester
- RMS Overview
- QC Baseline Test for Digital Mammography

DryView 6800 Troubleshooting / Diagnostics

- General Troubleshooting
- Diagnostic Flowchart
- Error Codes / Test Points / LED's
- 6800 Service Tool
- Logs
- Enhanced Feedback Service Tool
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Customer Operator Training

- System Overview
- Operations
- Troubleshooting
- Maintenance
-

DryView 6850 Differences

- Power Module
- Power Distribution Board
- Imaging Assembly
- DRE
- Other Differences

Final Exam**Prerequisites:**

Before attending, the participant **MUST** have completed the following prerequisites:

- Basic Understanding of Networking Concepts and Basic Network Troubleshooting.
- Basic Understanding of the use of Windows and the laptop computer.
- Administrative authority on the laptop to be used in class.

Required student tools:

Participants are required to bring a laptop computer. Minimum requirements for the laptop are:

- Pentium II processor (or better)
- 4GB RAM or more
- Microsoft Windows 7 (or newer)
- Microsoft Office (Word, XL, PPT)
- At least 500 MB of available hard drive space
- A 10/100/1000 Ethernet NIC with an RJ-45 port or wireless capabilities
- Google Chrome or Microsoft Edge
- A USB Port

Deliverables:

- Certificate of attendance available in the Technical Learning Center
- Course Training Content
- Access to Service Assets Portal for Service documentation and Service Bulletins
- Securlink Access for DryView 6800/6850 Laser Printer Systems
- LP/ CP access code for phone support through the COE (US&C only)

Other Information:

- Training will be performed in English unless otherwise communicated.
- The student is responsible for all transportation to and from the training facility.
- Participants may be required to share equipment during the lab exercises.

Schedule:

- In general, classes begin at 8 AM and conclude at 5 PM M-Thur. Classes end at 12 pm on Fridays unless otherwise noted.
- Participants must allow at least 1.5 hours between completion of class and travel departure.

Contact Information for Regional Training Coordinators**Rochester, NY**

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