



## DRX-Evolution Service Training

**Audience:** Field Service Engineers, Biomedical Engineers, Dealers & Business Partners.

### Objective & Learning Outcome:

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

- Understand Configurations and accessories of the DRX-Evolution
- Identify the major hardware assemblies/subassemblies of the DRX Evolution
- Navigate through the ImageView Software in DRX-Evolution
- Operate the DRX Evolution hardware
- Describe the operation of the major circuits of the DRX Evolution
- Calibrate the DRX Evolution
- Troubleshoot the DRX Evolution hardware through the utilization of the systems diagnostics
- Perform appropriate acceptance, compliance, and preventive maintenance actions

### 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.

A high-level agenda of topics for the class is as follows, but may change depending on cadence of learning:

- Day 1 – Introductions, equipment overview lecture, equipment overview lab
- Day 2 – Equipment overview lab continued, power distribution
- Day 3 – X-ray generator
- Day 4 – X-ray generator lab, motion control
- Day 5 – Motion control (cont.), mechanical setup/adjustments
- Day 6 – Mechanical setup (cont.), movement calibrations
- Day 7 – Motion control lab and troubleshooting, AEC
- Day 8 – Complete tasks that spill into last day, examination

### Prerequisites:

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

- Xray Fundamentals (RSTI Level 1, DITEC or Carestream Online Xray fundamentals course in the Technical Learning Center)
- DRX-1 With Mobile System Training
- ImageView Software online training assigned at registration. This training is located on the Carestream Technical Learning Center

Recommended background or experience:

- Basic electronics and mechanical background.
- Basic understanding of the use of Windows and the laptop.
- An understanding of networking concepts and basic network troubleshooting.

**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
- SecureLink Access for DRX-Evolution
- 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:**

- Class duration is 8 days.
- In general, classes begin at 8 am and conclude at 5 pm.
- Class typically starts on Tuesday of the first week and ends Thursday of the second week.
- Participants must allow at least 1.5 hours between completion of class and travel departure.

**Contact Information for Regional Training Coordinators**

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