

Training Objective

The objective of this training is to prepare students with the technical background, architectural layout, administrative knowledge and hands on experience so they can install, configure, upgrade, test and, support the Synapse VNA system.

Day 1

- **Fujifilm TeraMedica & Synapse VNA Overview**
 - About Fujifilm TeraMedica, Overview of: Synapse VNA, DICOM (Standard, WADO, MINT, IOCM), Synapse VNA Connex (Non-DICOM), HL7, Web Services, Image Connect, EMR Integration, XDS
- **Synapse VNA System Architecture**
 - Flexible Integration Options, Data Center Example, Hardware Architecture, Software Architecture and Functions: Processes, Jobs, Application and Storage File Systems, Logs
- **Student and Training System Logistics**
 - Allocation of Training Systems for Hands-On Use
- **Synapse VNA Installation**
 - Synapse VNA: SW Environment, Application, DB, Setup Review
- **Synapse VNA Administration Basics**
 - Stopping, Starting, Logging, UI Introduction, UI Monitoring Tools

Day 2

- **Basic Dataflow, Workflow, Configuration, and Functional Checks**
 - Organizations, Security, Storage, Jobs, DICOM Interfaces and Devices, Non- DICOM

Day 3

- **Advanced Features Administration Tools**
- **Reports and Dashboard Tools**
- **Advanced Features Dataflow, Workflow, Configuration and Functional Checks**
 - HL7 (Source and Client), DICOM Data Validation & QA, Image Connect, EMR Notifications & Integration, Life Cycle Management, IOCM, and Additional Setup
- **System Administration Best Practices & Responsibilities**
 - Validation Test Plan, OS, Servers, Storage, Synapse VNA App and Data, Database and Backups, Hardware and Network, HA / DR, Remote Monitoring
- **Synapse VNA Upgrades**
 - Synapse VNA Versioning, Major Upgrades, Minor Upgrades