



## ConnectR Training Description

### Is this ConnectR training for you?

This training is specifically designed by EHR Integration Services to give you the knowledge and skills needed to design and develop your own interfaces in-house using the ConnectR interface engine.

If you are responsible for leveraging ConnectR's capabilities for your Organization or you are an Application Analyst/Developer responsible for designing, developing and monitoring ConnectR interfaces, then this training is for you. You'll learn and utilize the entire Interface Development Process - from planning and designing how your data needs to be traded between applications, to developing, testing and putting interfaces into production.

*\*Note for GE Healthcare Centricity Group Management users: Your organization refers to ConnectR as Data Connect (same product), and has already purchased the ConnectR Workbench package as part of the complete Group Management implementation. The ConnectR Workbench package consists of the ConnectR software installation, various application bridges and Library starter interfaces, this ConnectR Training and on-going support.*

### Training Format

EHR Integration Services is a service partner with GE Healthcare providing the ConnectR training, installation and support needs of GE's *Centricity Group Management, MCA and RIS-IC* customers. We are also an Allscripts service and developer partner, providing the ConnectR training and support needs of the *Enterprise EHR* client base. This training is designed and delivered by EHR Integration Services' consultants who work with ConnectR interface development, implementation and support issues every day with our current ConnectR clients. We have been teaching, coaching, designing and installing ConnectR interfaces for over 20 years.

The complete ConnectR training consists of 10 separate but related sessions, each one ranging from 1-2 hours in length and designed to address either the Basic Level user and/or the Advanced Level user. Hands-on interface development lab work is part of the design – it is either built right into a session, and/or is required as homework before the next session. This ensures that participants are able to apply what they have learned and they get the coaching they need during the training.

In order to accommodate our client preferences, we offer this training in a variety of formats:

- **As a private on-site 3 day workshop** – where only your colleagues are present, and the trainer is able to work specific interface development issues and provide in-class coaching unique to your organization
- **As a public 3 day workshop** – where participants from different organizations come together (typically in Central NY) to receive in-class training and coaching and to share common experiences
- **As a public live Webinar series** – an ala carte live format, where you pay for and attend only the ConnectR GoToWebinar sessions that you specifically need. All Lab work is expected to be completed as homework.

The pricing of these offerings varies. If you are interested in speaking with one of our ConnectR consultants to determine which format works specifically for you and your budget, please contact us at 315-707-7843 or email us at [sales@ehr-integration.com](mailto:sales@ehr-integration.com).

For a schedule of upcoming public 3 day trainings and the next webinar series, check out our News and Events page at [www.ehr-integration.com](http://www.ehr-integration.com).



## Overall Learning Objectives

Upon completing the entire series of ConnectR Training sessions, you will:

- Understand the role and skills of an Interface Analyst, including how to follow a proven step-by-step *Interface Development Process*
- Understand the mechanics of how interfaces work and utilize the Health Level 7 (HL7) standard
- Understand the capabilities and features of the ConnectR interface tool, including the ability to navigate through the ConnectR User Interface
- Learn how to design, develop and test interfaces and to prepare interfaces for production
- Learn how to monitor and maintain interfaces, users and security
- Learn how to consult with your Trading Partners to ensure their interface needs are met
- Learn how to write a complete and accurate Interface Specification

## Individual Session Descriptions

### Basic Interface Concepts (S1 and S2)

**120 min**

- Audience: Basic Level Interface users who are new to interface development and have little or no experience with the basics of how interfaces work in EHR/PM systems
- Description: The Basic Interface Concepts (S1 and S2) are introductory sessions covering the basics of Interfacing, such as defining what an interface is, what it does and how messaging works in general within systems. These sessions includes a basic review of the HL7 messaging protocol. EHR's Interface Development Process is covered at a high level to serve as a roadmap for developers to follow in their interface development projects.

### Basic ConnectR Functionality & Interface Build Demonstration (S3)

**60 min**

- Audience: Basic Level Interface users who have little or no experience with using the ConnectR Interface engine, from an interface developer/analyst point of view
- Description: This session introduces ConnectR and provides an overview of the key ConnectR features and functionality. Participants learn how to navigate around the product and watch the trainer demonstrate building a simple interface from start to finish. Participants see the power of ConnectR and the simplicity of building an interface before they learn how to do it themselves in the following sessions.

### Building a ConnectR Interface - The Essentials (S4-S6)

**180min**

- Audience: Basic Level Interface users who have little or no experience actually building a ConnectR interface and who need an understanding of the basic interface build steps and functionality
- Objectives: These next three sessions (S4-S6) cover the Interface Build steps – the essential skills and knowledge needed to successfully build an interface from start to finish. The Interface Build steps are repeated throughout Sessions 4-6, and more detail and complexity is gradually introduced as the participants build on their ability to map, test and prepare their interfaces for production.



### **Hooking ConnectR to your EMR/PM (S7)**

**60min**

- Audience: Basic and Advanced Level Interface users
- Description: This session focuses on hooking your interface to EMR/PM systems. Superset source is covered and participants get a better understanding of how data comes out of an EMR/PM system before reaching ConnectR. Depending on the audience, this session also provides an opportunity to review the EMR/PM Interface Specification Documentation - for GE Healthcare RIS/Group Management users and for the Allscripts Enterprise EHR users.

### **Advanced ConnectR Concepts (S8)**

**90min**

- Audience: Advanced Level Interface users looking to tackle some of the more difficult and out-of-the-box interface challenges. Basic Level users may find this session valuable, as well, provided they have attended the earlier Basic ConnectR sessions
- Description: This session covers advanced level interface development concepts and skills, including advanced mapping techniques, scripting, pre- and post-processing and more. Some helpful tips and tricks and unique ConnectR and interface solutions are also discussed.

### **ORDERS Interfaces – De-mystified (S9)**

**60min**

- Audience: Advanced Level Interface users (and Basic Level users who have attended the earlier sessions) who want to better understand the important setup and mechanics around ORDERS interfaces.
- Description: This advanced ConnectR session focuses specifically on developing an ORDERS interface, including the important set-up points and the mechanics involved in developing an Orders Interface. Included are important "gotcha's" that you need to be aware of around when developing ORDERS interfaces with ConnectR. The trainer will create a live OUTBOUND ORDERS Interface from start to finish as these tips and tricks are taught.

### **RESULTS Interfaces – De-mystified (S10)**

**60min**

- Audience: Advanced Level Interface users (and Basic Level users who have attended the earlier sessions) who want to better understand the important setup and mechanics around RESULTS interfaces
- Description: This advanced ConnectR session focuses specifically on developing a RESULTS interface, including the important set-up points and the mechanics involved in developing a Results Interface. Included are important "gotcha's" that you need to be aware of around when developing RESULTS interfaces with ConnectR. The trainer will create a live RESULTS Interface from start to finish as these tips and tricks are taught.