



RESOURCE AND PATIENT MANAGEMENT SYSTEM

2014 EHR for MU Technical Training

Prerequisite Session Agenda

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Office of Information Technology (OIT)
Albuquerque, New Mexico

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1.0 General Information

1.1 Purpose of Training

This technical course is designed to prepare technical staff with the expertise to properly install, configure and set up 2014 RPMS EHR.

This training session is based on Windows platform.

1.2 Server Prerequisites

For training only (can be the same server for both RPMS and APP Server)

- **Server (Windows – RPMS server):**
 - Windows 2008 R2
 - 8 GB RAM
 - 1 x 40 GB (C:\ System drive)
 - 1 x 500 HDD
 - All MS Updates
 - .Net 4.5.1
 - MS Silverlight
 - MS Visual C++ 2008 (x86) Redistributable
 - MS Visual C++ 2010 (x86) Redistributable
- **Server (Windows – Application server):**
 - Windows 2008 R2
 - 4-12 GB RAM
 - 150 GB HDD
 - All MS Updates
 - .Net 4.5.1
 - MS Silverlight
 - MS Visual C++ 2008 (x86) Redistributable
 - MS Visual C++ 2010 (x86) Redistributable

1.3 Intended Audience

This training has been prepared specifically for Area IT (Mandatory week 1, Day 1) consisting of personnel who will be supporting and maintaining the 2014 Certified EHR.

2.0 Learning Objective

At the end of this session, participants will be able to load and configure 2014 RPMS EHR for their respective facilities.

3.0 Detailed Agenda

All times are Mountain Daylight Time.

3.1 Week 1

3.1.1 Day 1 (Week 1)

Start	Topic
8:30 a.m.	Welcome and Introductions All <ul style="list-style-type: none"> Identify students by area and solicit their expectations. Gather feedback from areas about 2014 MU upgrades. Review agenda and learning objectives.
10:00 a.m.	Setup View Only EHR/Training Database Setup Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> Provide lessons learned for Beta sites. Install All National Release Files Install 2014 MU Release list. Review View only EHR Setup.
10:30 a.m.	Break
10:45 a.m.	Begin Area Training Database Setup Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> Evaluate training database provisions (system requirements). Provide server configuration recommendations and documentation for installation. Have each area provide a server and database (DEHR or Site). Request an SSL Certificate. Set up the training server: Install and configure Ensemble. Restore from a backup.
12:00 p.m.	Lunch
1:00 p.m.	Area Training Database Setup Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> Install Ensemble (2012.2.5). Set up the training server directory. Set up the Ensemble config.cpf file for the training server.
4:00 p.m.	Adjourn

3.1.2 Day 2 (Week 1)

Start	Topic
8:30 a.m.	Area Training Database Setup (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> • Install Ensemble (2012.2.5). • Set up the training server directory. • Set up the Ensemble config.cpf file for the training server.
10:30 a.m.	Break
10:45 a.m.	Area Training Database Setup (continued)
12:00 p.m.	Lunch
1:00 p.m.	Area Training Database Setup (continued)
4:00 p.m.	Adjourn

3.1.3 Day 3 (Week 1)

Start	Topic
8:30 a.m.	Area Training Database Setup (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> • Log in to the training server. • Change RPMS FileMan files: <ul style="list-style-type: none"> – Device – RPMS site – Kernel system parameters
10:30 a.m.	Break
10:45 a.m.	Area Training Database Setup (continued)
12:00 p.m.	Lunch
1:00 p.m.	Set up the EHR Repository and Configure and Test Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> • Copy and configure VueCentric files <ul style="list-style-type: none"> – Vuecentric.ini – vcBroker.ini • Test EHR logon
4:00 p.m.	Adjourn

3.1.4 Day 4 (Week 1)

Start	Topic
8:30 a.m.	Set up the EHR Repository and Configure and Test (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> • Copy and configure VueCentric files: <ul style="list-style-type: none"> – Vuecentric.ini – vcBroker.ini • Test the EHR logon.
10:30 a.m.	Break
10:45 a.m.	Set up the EHR Repository and Configure and Test (continued)
12:00 p.m.	Lunch
1:00 p.m.	Review Each Area's Training Database Fernando Weber and Keri Cody At the end of this session, participants should be able to begin PXRМ indexing.
4:00 p.m.	Adjourn

3.1.5 Day 5 (Week 1)

Start	Topic
8:30 a.m.	Review Each Area's Training Database (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> • Begin PXRМ indexing. • Install an SSL Certificate.
10:30 a.m.	Break
10:45 a.m.	Review Each Area's Training Database (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to verify that all Nationally Released patches required for the 2014 EHR upgrade (MAG, BEPR, etc...) have been installed.
12:00 p.m.	Lunch
1:00 p.m.	Review Each Area's Training Database (continued)
3:00 p.m.	Pre-2014 Task At the end of this session, participants should be able to export the following: <ul style="list-style-type: none"> • ICD Picklist • CPT Picklist • EHR GUI Templates
3:30 p.m.	Q&A and Wrap up
4:00 p.m.	Adjourn

3.2 Week 2

3.2.1 Day 1 (Week 2)

Start	Topic
8:30 a.m.	Welcome and Introductions All <ul style="list-style-type: none"> Identify students by area and solicit their expectations. Gather feedback from areas about 2014 MU upgrades. Review agenda and learning objectives.
9:30 a.m.	Pre-install notes IIS Install and Configuration Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> Complete server and workstation requirements. Complete National Release required (MAG, BEPR, etc...). Complete Indexing (needs to be done). Install .Net 4.0/4.5.1, Silverlight, and Visual C++ 2008 (x86), Visual C++ 2010 (x86). Add the IIS in Windows 2008 R2. Configure IIS for various applications. Configure MIME Types. Configure HTTP Compression. Set up an SSL Certificate.
10:30 a.m.	Break
10:45 a.m.	InterSystems CSP Web Gateway Install Fernando Weber and Keri Cody At the end of this session, participants should be able to install CSP Web.
12:00 p.m.	Lunch
1:00 p.m.	Configuration and Testing Fernando Weber and Keri Cody At the end of this session, participants should be able to complete the installation, configuration, and testing of the BMW Application Server.
4:00 p.m.	Adjourn

3.2.2 Day 2 (Week 2)

Start	Topic
8:30 a.m.	Installs Fernando Weber and Keri Cody At the end of this session, participants should be able to: <ul style="list-style-type: none"> Complete configuration and testing on BSTS Installation preparation. Complete configuration and testing on BEPR Installation and configuration. Complete configuration and testing on Configuring the IHS USER SECURITY AUDIT Web Application. Complete configuration and testing on CCDA Installation preparation.
10:30 a.m.	Break
10:45 a.m.	Installs (continued)

Start	Topic
12:00 p.m.	Lunch
1:00 p.m.	Installs (continued)
4:00 p.m.	Adjourn

3.2.3 Day 3 (Week 2)

Start	Topic
8:30 a.m.	<p>MU2 Certified EHR 2014 Patch Installation</p> <p>Fernando Weber and Keri Cody</p> <p>At the end of this session, participants should be able to:</p> <ul style="list-style-type: none"> • Complete configuration and testing on IHS Kernel Toolkit Extensions. • Complete configuration and testing on IHS VA Support Files. • Complete configuration and testing on IHS Dictionaries (Patient). • Complete configuration and testing on Patient Registration with RACE API.
10:30 a.m.	Break
10:45 a.m.	MU2 Certified EHR 2014 Patch Installation (continued)
12:00 p.m.	Lunch
1:00 p.m.	<p>MU2 Certified EHR 2014 Patch Installation (continued)</p> <p>Fernando Weber and Keri Cody</p> <p>At the end of this session, participants should be able to:</p> <ul style="list-style-type: none"> • Complete configuration and testing on IHS User Security Audit. • Complete configuration and testing on IHS Standard Terminology. • Complete configuration and testing on IHS Code Mapping (Clinical Quality Measures). • Complete configuration and testing on IHS PCC Suite.
4:00 p.m.	Adjourn

3.2.4 Day 4 (Week 2)

Start	Topic
8:30 a.m.	<p>MU2 Certified EHR 2014 Patch Installation (continued)</p> <p>Fernando Weber and Keri Cody</p> <p>At the end of this session, participants should be able to:</p> <ul style="list-style-type: none"> • Complete configuration and testing on Clinical Reminders v2.0. • Complete configuration and testing on Clinical Reminders v2.0 patch 1001. • Complete configuration and testing on Text Integration Utilities patch 1011.
10:30 a.m.	Break
10:45 a.m.	MU2 Certified EHR 2014 Patch Installation (continued)
12:00 p.m.	Lunch
1:00 p.m.	MU2 Certified EHR 2014 Patch Installation (continued)
4:00 p.m.	Adjourn

3.2.5 Day 5 (Week 2)

Start	Topic
8:30 a.m.	<p>MU2 Certified EHR 2014 Patch Installation (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to:</p> <ul style="list-style-type: none"> • Complete configuration and testing on EHR v1.1 patch 13. • Complete configuration and testing on Text Integration Utilities patch 1012. • Complete configuration and testing on Radiology.
10:30 a.m.	Break
10:45 a.m.	<p>MU2 Certified EHR 2014 Patch Installation (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to:</p> <ul style="list-style-type: none"> • Complete configuration and testing on Lab Service. • Complete configuration and testing on Referred Care Info System. • Complete configuration and testing on C32 patch 4. • Complete configuration and testing on CCDA v1.0.
12:00 p.m.	Lunch
1:00 p.m.	<p>MU2 Certified EHR 2014 Patch Installation (continued) Fernando Weber and Keri Cody At the end of this session, participants should be able to:</p> <ul style="list-style-type: none"> • Complete configuration and testing on IHS PCC Reports v3.0 patch 29. • Complete configuration and testing on iCare Management System v2.3 patch 3. • Complete configuration and testing on IHS MU Performance Reports 1.0 patch 4. • Complete configuration and testing on Health Summary Components v1.0 patch 8. • Complete configuration and testing on Clinical Reminders v2.0 patch 1002. • Complete configuration and testing on Emergency Room System v3.0 patch 5. • Complete configuration and testing on EHR Site Checker v2.0.
3:30 p.m.	QA Wrap Up
4:00 p.m.	Adjourn