Standards Implementation and Testing Environment (SITE)
Developer Provided Testing Services
(Direct Transport Standard)

Test Instructions

The Office of National Coordinator for Health Information Technology (ONC) Standards Implementation and Testing Environment, Developer Provided Testing Services (http://sitenv.org/direct-vendor-tools) is a platform for providers to identify and contact registered health IT developers for Direct Transport Standard testing services.

This document describes the test instructions in which providers conduct an electronic exchange of a summary of care record with a Test EHR maintained by a registered health IT developer.

If you have any questions or concerns, please e-mail: TestingServices@sitenv.org

Test Description

This test provides capability for implementers and providers to conduct one or more successful electronic exchange tests with a registered health IT developer's Test EHR. The testing process will approximate a "real-life" environment as much as possible. Electronic exchange will be accomplished by utilizing the required transport standard §170.202(a) Direct Messaging.

The Provider supplies the test data for this test.

Provider Test Instruction

This Provider test instruction is organized into six sections:

- Schedule and Set Up Test with Registered Developer – Provider utilizes information from "SITE" to schedule a testing time with Registered Developer, and supplies the Provider's EHR Trust Anchor (communications conducted directly between the Provider and Developer, not through "SITE")
- Receive Test EHR Information – Provider downloads the following Test EHR information from "SITE"
  - Direct Address
  - Trust Anchor
- Install Test EHR Trust Anchor – Provider utilizes information from "SITE" to install the Test EHR's Trust Anchor
- Create Summary Care Record – Using test data only (that is, no real, live patient data), Provider creates a Consolidated CDA conformant summary care record
- Transmit Direct Message – Provider sends a Direct Message with the Consolidated CDA conformant summary care record to Test EHR

- Receive Email Notification – Provider waits to receive an email notification from the Registered Developer indicating if a message was successfully received by the Test EHR or if the test was a failure within one day of the completion of the test.

Developer Test Instruction

This Developer test instruction is organized into seven sections:
- Register –Developer registers to "SITE", enters contact information, and provides Test EHR system information including:
  - Product Name(s) and Version Number(s) for technology certified to §170.314(b)(1)
  - Direct Address
  - Trust Anchor
  - System availability and additional information that can be used by Provider to schedule a test
- Agree to Principles of Participation –Developer utilizes the "Developer Registration Services" on SITE to agree to principles of participation or submits signed form to xvendor.exchange@hhs.gov
- Receive Provider EHR Information – Registered Developer is contacted directly by Provider who supplies the following information about the Provider EHR:
  - Direct Address
  - Trust Anchor
  - Provider Contact Information
- Install Provider EHR Trust Anchor – Utilizing information supplied by Provider, Registered Developer installs the Provider EHR's Trust Anchor
- Schedule and Set Up Test with Provider – Registered Developer schedules a testing time with Provider. Testing shall begin within five days (of scheduled availability) of establishing mutual trust
- Receive Summary Care Record – Registered Developer receives Consolidated CDA conformant summary care record via Direct Message from Provider
- Create and Send Email Notification – Registered Developer creates and sends an email notification to the Provider indicating if the Provider's Direct Message was successfully received by the Test EHR or if the test was a failure within one day of the completion of the test

Test Data

The Provider supplies the Direct Transport Standard compatible data for this test.
As a Participant of ONC SITE Developer Provided Testing Services, Parties involved in DIRECT Testing shall not reveal Confidential Information, and no information shared during the process of testing shall be considered confidential. Parties shall use test data only. Parties shall not use live or real data that is actual data about living, identifiable individuals. Parties shall adhere to all Federal Regulations including, but not limited to the Health Insurance Portability and Accountability Act of 1996 (HIPAA).