Introduction

Thank you for downloading the Cerner Client CCD Attestation packet. This document contains data and documentation links to help ensure Cerner Millennium Clients meet Meaningful Use Stage 1 requirements. Throughout the entirety of this packet, there are several references to Cerner uCern groups that offer additional information, discussion threads addressing various items pertaining to client attestation processes and components needed to connect to the Cerner Clinical Exchange Platform for Attestation (CEPA) test Health Information Exchange (HIE) environment. If possible, consider performing all the tasks in this document prior to entering your Attestation 90 day reporting period. This provides adequate time to address package and build requirements, hardware and/or network assessments and securing a validation partner if your organization requests assistance.

Note: It is very important that during any client’s attestation process, do not attempt to send actual patient record data or any modified form of such. It is highly advisable to configure all Continuity of Care Document applications and processes in a non-production environment such as a TEST, CERT or MOCK environment to help prevent actual PHI data from being inadvertently sent.

Please visit and join the ‘Exchange of Information Attestation Partners’ uCern group for important updates, information and discussion information that will be helpful or required during this process.


Millennium Code Requirements

Please note that there are specific Cerner Millennium package and build requirements. To determine the current code level for the client environment, please visit www.cerner.com

- Cerner.com
- Distributions
- Reports
- Installation History

You will be required to login with a valid client login and enter appropriate client mnemonic. This will generate a report with code release information, package information and solution recommendations for your organization. The client team or Cerner integration architect should be familiar with these reports and be available to assist in identifying any package or solution dependencies.
**Release Considerations**

Client Cerner Millennium environments must meet minimal code release versions of 2007.19.12, 2010.01.07, or 2010.02.01 in order to generate CCDs using the Clinical Document Generator service, store to multimedia and route to a disk COM server for posting the CCD to a receiving HTTPS service.

Specific Package requirements are:

- Clinical Reporting
- System Integration
- Powerchart (Create PHI Button)
- Imaging (for exporting the CCD with stylesheet and auditing)
- Cerner CMT (US Eng): Mapping Code Set and Order Catalog Content (Apr 2010)

Specific MMF: CCD exception package exist for each code level:

- **2007.19 package #47570**
- **2010.01 package #47571**
- **2010.02 package #47575**

**Attestation Project Workflow Overview**

[Diagram of the attestation project workflow]

- Download CCD Attestation Packet from uStore
- Validate network connectivity, certificates and interface operation
- Create/Confirm Test Patients in non-prod Millennium Domain
- Use ADT Creation Tool to create Patient in Cerner Exchange
- Confirmation automatically sent to submitter from ADT Creation Tool
- Overnight Script processes all data; validate patient following day in the HIEPortal
- Trigger CCD data for test patient. Validate data, once sent.
- Access Clinical Exchange Platform with generic accounts
- Look up test patients and take screen shots
- Send signed letter with screen prints to atesting client

**Partnering Organization**
Installing the Clinical Document Generator (CDG)

Please follow the following link to view instruction for completing the Clinical Document Generator installation and configuration:


The Clinical Document Generator (CDG) documentation guide is available for download as a PDF document. Upon successful installation of the Clinical Document Generator, the client should be able to generate a Continuity of Care Document (CCD) containing problems, allergies, diagnostic results, procedures and medications. Please read and evaluate the entire document before proceeding.

For the completion of client attestation to meet Meaningful Use Stage 1, you will need to complete the following 'optional' items from the CDG build document:

**Clinical Document Generator guide, Process 4.8, Step 5- Setting up a Contributor Source:**

This is needed to complete the setup for your outbound contributor system which includes configuration and identification of OIDs that will be used and how facilities are managed and accessed by the outbound interface. This must be completed in order for the COMserver interface to function.

**Aliasing for Code Sets 72 and 93 in Appendix A: Code Value Outbound Aliases:**

These steps outline the setup and aliasing of SNOMED and LOINC codes for CCD documents which will later process through the outbound interface.

**Clinical Document Generator guide, Process 4.7.3: Building an HTTPS Outbound COMserver for CEPA:**

Step 4.7.3 outlines specific setup for an outbound interface sending to CEPA for the purpose of completing Attestation for Meaningful Use Stage 1. This includes links to the uCern site for TLS certificates, URL endpoints and additional considerations for network connectivity.

- Important Links included in CDG Guide step 4.7.3:
  - TLS certificates for connecting to CEPA: https://connect.ucern.com/docs/DOC-138453
  - CEPA endpoint URL: https://cepasync.cernerhie.org:8100
Installing the Clinical Document Generator (cont.)

With the installation and configuration of the CDG build, there will be a need to include a CCD trigger script in CCL that is run via Ops Job or manually as needed to supply qualifying patient record data used to create the CCD document. This script is included and modified in the environment when utilizing Cerner’s consulting services; otherwise the script will need to be created and implemented by the client. There are several examples of client-produced and supported trigger scripts hosted on the uCern ‘Generating the Continuity of Care Document’ group site:


CCD Data Element Requirements for Stage 1

To meet the outlined requirements for Meaningful Use Stage 1, the following items are required:

- Ability to send CCD document outbound from an electronic interface using secure transmission

- Ability to send the following data elements as part of the outbound CCD document:
  - Problems
  - Allergies
  - Diagnostic Results
  - Procedures
  - Medications

Registering the Test Patient and OID

A test patient will need to be registered within the CEPA system to match the CCD message that will be sent to display in the HIE Portal application. This requires an ADT HL7v2 message with basic patient demographic information as well as the intended MRN and OID to be submitted as the patient identifier. Please visit the link below to register your test patient, as well as enter your facility/organization information to create a patient record that will be used for attestation.

CEPA Registration Page: https://cepa.cernerhie.org/hiregister
You will see the following fields:

**ADT Creation Tool**

**Warning:** Do **not** use production patient (live) data. It is advised to create the Continuity of Care Document from a non-production domain.

* Indicates a Required Field.

### Submitter Information

- First Name*
- Last Name*
- Title
- Organization*
- Email Address*

### Test Patient Information

- Client Mnemonic*
- ID*
- MRN*
- First Name*
- Last Name*
- Date of Birth*  -  -  -
- Phone Number
- SSN
- Gender
  - Male
  - Female
  - Unknown
- Ethnicity
- Street Address
- City
- State: Select a State...
- Zipcode

Submit
Registration Completion and Next Steps

Once the data entry on the registration page is completed using the submit button, you will be met with a screen displaying the patient registration file and the ability save it locally using the ‘save as’ feature, or by copy/pasting the displayed record to the document of your choice. Please keep this information for your records as it will be useful should you need to contact the support team or log a Cerner Navigator SR, should you need assistance during your attestation process using CEPA.

Cerner can help assist with partnering with another organization to validate attestation information, but it is also suggested that the client partner with their CRE to utilize currently established cross-client relationships as potential partners or help in seeking validations partners. If you would like Cerner to assist your organization in finding a validation partner, please send an email request to DL_Attestation@Cerner.com; it is also strongly suggested to consider posting your request in the discussion tab of the uCern ‘Exchange of Information Attestation Partners’ page.

Validating the Continuity of Care Document

Once the CCD document has been successfully transmitted from the outbound client interface to the CEPA environment, please validate that the test patient data used during the Registration step can be queried within the CEPA HIE Portal application. The CEPA HIE Portal is accessible via any standard web browser at the following link:

https://cepa.cernerhie.org/hieportal

There are 5 usernames available for login and access:

Cepa01
Cepa02
Cepa03
Cepa04
Cepa05

Passwords for each are: Cerner_2011
(Username is not case-sensitive; password IS case-sensitive.)

Your partnered organization will also access the CEPA HIE Portal in this manner to validate your organization’s test data was successfully sent to the CEPA HIE.

The Registration step auto-creates the test patient registration and submits to the CEPA environment each morning (2:30am CST) for all data in the past 24 hours. The patient record will be available for query and view after this nightly script has completed. The CCD document can be sent at any time, but please note it will not be viewable until the registration step has completed, including the nightly script processing.
Cerner Millennium PowerChart Community View (Optional)

- Client Hosted Millennium Implementations
  - Register to download package 48733 Healthe Network (US): HIE Community View
- Remote Hosted Millennium Implementations
  - Please consult your CernerWorks Production Owner to complete the package installation
Additional Information

Please visit the uCern Exchange of Attestation Partners group page for client partner requests, TLS certificates, group discussions and documentation listed in this packet.


If you encounter errors, require assistance or have other concerns during the attestation process, please feel free to utilize the discussion tab on the uCern group page, or log a Navigator SR:

- Team: Healthe Implementation
- Solution Family: Community & Consumer Health
- Solution: Clinical Exchange

Please include as much detail as possible when logging the SR including screenshots, environment logging, registration information and any pertinent data to help expedite the resolution.

Many common errors have discussion topics and response interaction on the uCern group site. Many of them include certificate issues, network testing and URL resolution, COMserver errors and missing data in the test patient record within the Portal.