

# Renvio Certified Health IT Additional Cost



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## Disclaimer

This Health IT Module is compliant with the ONC Certification Criteria for Health IT and has been certified by an ONC-ACB in accordance with the applicable certification criteria adopted by the Secretary of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services.

## Certified EHR Vendor & Product Information

Certified EHR Vendor & Product Information	
Vendor/ Developer	Renvio
Certified EHR Name:	Clarity
Practice Type:	Ambulatory and Inpatient
Previous Certified Version Numbers	2021.4.3.1
Last Version:	23
CHPL Certification ID:	15.04.04.3089.Clar.23.02.1.230913
Last Certification Date:	Sept-13-2023
Certification Criteria	170.315.a.1 – Computerized Provider Order Entry (CPOE) – Medications 170.315.a.2 – Computerized Provider Order Entry (CPOE) – Laboratory 170.315.a.3 – Computerized Provider Order Entry (CPOE) – Imaging 170.315.a.4 – Drug-drug, Drug-allergy Interaction Checks for CPOE 170.315.a.5 – Demographics 170.315.a.14 – Implantable Device List 170.315.b.10 – Electronic Health Information Export 170.315.d.1 – Authentication, Access Control, Authorization 170.315.d.2 – Auditable Events and Tamper-Resistance 170.315.d.3 – Audit Reports 170.315.d.4 – Amendments 170.315.d.5 – Automatic Access Time-Out 170.315.d.6 – Emergency Access 170.315.d.7 – End-User Device Encryption 170.315.d.9 – Trusted Connection 170.315.d.12 – Encrypt Authentication Credentials 170.315.d.13 – Multi-factor Authentication 170.315.g.3 – Safety Enhanced Design 170.315.g.4 – Quality Management System 170.315.g.5 – Accessibility-Centered Design
Additional Software	NLM (National Library of Medicine) API

## Additional Costs

The section below outlines: additional types of costs that a user may be required to pay to implement or use the Complete EHR or Health IT Module's capabilities, either to meet meaningful use objectives and measures or to achieve any other use within the scope of the health IT's certification.

### [170.315.a.1 – Computerized Provider Order Entry \(CPOE\) – Medications](#)

- Description of Capability

Enables users to record, change, and access a patient's medication orders.

- Type of Costs

None.

### [170.315. a.2 – Computerized Provider Order Entry \(CPOE\) – Laboratory](#)

- Description of Capability

Enables users to record, change, and access a patient's laboratory orders.

- Type of Costs

None.

### [170.315. a.3 – Computerized Provider Order Entry \(CPOE\) – Imaging](#)

- Description of Capability

Enables users to record, change, and access a patient's imaging orders.

- Type of Costs

None.

### [170.315.a.4 – Drug-drug, Drug-allergy Interaction Checks for CPOE](#)

- Description of Capability

Enables users to intervene the drug-drug and drug-allergy checks before the CPOE medication order is completed and acted upon.

- Type of Costs

None

### 170.315.a.5 – Demographics

- Description of Capability

Enables users to record, update, and access the patient demographic data according to applicable specified standards for Race and Ethnicity, Preferred Language, Sex, Sexual Orientation, Gender Identity, and Date of Birth. Additionally, for Inpatient Settings, the user records patient Preliminary Cause of Death and Date of Death.

- Type of Costs

None

### 170.315.a.14 – Implantable Device List

- Description of Capability

Enables users to record unique device identifiers (UDI) in formats established by all three UDI issue agencies such as :

- GS1 Issuing Agency
- Health Industry Business Communications Council (HIBCC)
- International Council for Commonality in Blood Banking Automation (ICCBBA).

- Type of Costs

None – Although third-party API such as “NLM ”(National Library of Medicine) can be used with the application.

### 170.315.b.10 – Electronic Health Information Export

- Description of Capability

Enables users to perform an electronic health information (EHI) export for a single patient at any time the user chooses without developer assistance and that the export file(s). It is oriented to promote interoperability principles such as free access, exchange, and use of the patient data regardless of the health provider.

- A few electronic health information might not be available in a table format such as rich text documents or images since these ones will be attached to the export file.
- The export file will have a time frame to be accessible by the requester.

- Type of Costs

None

### 170.315.d.1 – Authentication, Access Control, Authorization

- Description of Capability

The application is able to verify of user access against unique identifiers for authentication and authorization of access.

- Type Costs

None.

### 170.315.d.2 – Auditable Events and Tamper-Resistance

- Description of Capability

The application is able to record actions related to electronic health information in accordance with the ASTM E2147-18 standard and these conditions:

- Date and Time (utilizing a system clock synchronized following the NTP or NTP v4).
- Patient Identification.
- User Identification.
- Type of Action (additions, deletions, changes, queries, print, copy), specifying inquiry, any changes made (if any), and a description of any data deleted.
- Identification of patient data accessed.

- Type of Costs

None

### 170.315.d.3 – Audit Reports

- Description of Capability

Enables users to create an audit report for a specific time period and sort audit log entries according to each of the data specified in the ASTM E2147-18 and also including:

- Date and Time of Event.
- Patient Identification.
- User Identification.
- Type of Action (additions, deletions, changes, queries, print, copy).
- Identification of patient data that is acted upon.
- Changes to user privileges.

- Type of Costs

None

#### 170.315.d.4 – Amendments

- Description of Capability

Enables users to create an amendment that was requested by a patient.

- Type of Costs

None.

#### 170.315.d.5 – Automatic Access Time-Out

- Description of Capability

The application automatically stops user access to health information after predetermined period of time and requires a new user authentication to resume or regain access.

- Type of Costs

None.

#### 170.315.d.6 – Emergency Access

- Description of Capability

The application is able to create emergency access for identified user and demonstrate user can access health information during an emergency.

- Type of Costs

None

#### 170.315. d.7 – End-User Device Encryption

- Description of Capability

The application is able to create Emergency access authorizations for a limited set of identified users. This access should follow these conditions:

- Enable emergency access for identified user and demonstrate user can access health information during an emergency.
- Authorized emergency access users can access health information and only during an emergency and NOT during a non-emergency.
- Unauthorized emergency access users cannot access health information during an emergency.

- Type of Costs

None

#### 170.315.d.9 – Trusted Connection

- Description of Capability

The application is able to establish a trusted connection in accordance with the standards specified:

- Encryption and decryption of electronic health information.
- A hashing algorithm with a security strength equal to or greater than SHA-2

- Type of Costs

None

#### 170.315.d.12 – Encrypt Authentication Credentials

- Description of Capability

The application is able to encrypt stored authentication credentials.

- Type of Costs

None.

#### 170.315.d.13 – Multi-factor Authentication

- Description of Capability

The application supports the authentication through multiple elements of the user's identity.

- Type of Costs

None.

#### 170.315.g.3 – Safety Enhanced Design

- Description of Capability

User-Centered Design process(s) must be applied during the design and development of the capabilities/associated criteria:

- 170.315(a)(1) CPOE – Medications
- 170.315(a)(2) CPOE – Laboratory
- 170.315(a)(3) CPOE – Diagnostic Imaging
- 170.315(a)(4) Drug-drug, Drug-allergy Interaction Checks
- 170.315(a)(5) Demographics
- 170.315(a)(14) Implantable Device List

- Type of Costs

None

#### [170.315.g.4 – Quality Management System](#)

- Description of Capability

Requires the use of a QSM in the development, testing, implementation, and maintenance of certified capabilities within the application's scope.

- Type of Costs

None.

#### [170.315.g.5 – Accessibility-Centered Design](#)

- Description of Capability

Requires the use of a Health IT accessibility-centered design standard or law in the development, testing, implementation, and maintenance of certified capabilities within the application's scope.

- Type of Costs

None – Although third-party applications such as Nuance Dragon can be used with the application.