



ONC Health IT Certification Details

December 14, 2023

Lightning Step Technologies

ONC Disclaimer

This Health IT Module is 2015 Edition Cures Update compliant 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.

Drummond Group is accredited by ANSI and approved by ONC for the ONC Health IT Certification Program to certify Health IT Module(s) and Certification of other types of Health IT for which the Secretary has adopted certification criteria under Subpart C of 45 CFR. Costs

Developer Organization Name: Lightning Step

Date Certified: Pending

Product Name and Version: Lightning Step 1.0

Unique Certification Number: Pending

Certified 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) - Diagnostic Imaging
- 170.315 (a)(5): Demographics
- 170.315 (a)(12): Family Health History
- 170.315 (a)(14): Implantable Device List
- 170.315 (a)(15): Social, Psychological, and Behavioral Data
- 170.315 (b)(1): Transitions of Care (Cures Update)
- 170.315 (b)(2): Clinical Information Reconciliation and Incorporation (Cures Update)
- 170.315 (b)(10): Electronic Health Information Export (Cures Update)
- 170.315 (c)(1): Clinical Quality Measures - Record and Export
- 170.315 (c)(2): Clinical Quality Measures - Import and Calculate
- 170.315 (c)(3): Clinical Quality Measures - Report (Cures Update)
- 170.315 (d)(1): Authentication, Access Control, Authorization
- 170.315 (d)(2): Auditable Events and Tamper-Resistance (Cures Update)
- 170.315 (d)(3): Audit Report(s) (Cures Update)
- 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)(8): Integrity
- 170.315 (d)(9): Trusted Connection
- 170.315 (d)(12): Encrypt Authentication Credentials
- 170.315 (d)(13): Multi-Factor Authentication
- 170.315 (e)(1): View, Download, and Transmit to 3rd Party (Cures Update)

- 170.315 (e)(3): Patient Health Information Capture
- 170.315 (g)(2): Automated Measure Calculation
- 170.315 (g)(3): Safety-Enhanced Design
- 170.315 (g)(4): Quality Management System
- 170.315 (g)(5): Accessibility-Centered Design
- 170.315 (g)(6): Consolidated CDA Creation Performance (Cures Update)
- 170.315 (g)(7): Application Access - Patient Selection
- 170.315 (g)(9): Application Access - All Data Request (Cures Update)

Clinical Quality Measures (CQMs):

- CMS2v13: Preventive Care and Screening: Screening for Depression and Follow-Up Plan
- CMS128v12: Anti-depressant Medication Management
- CMS137v12: Initiation and Engagement of Substance Use Disorder Treatment
- CMS159v12: Depression Remission at Twelve Months
- CMS161v12: Adult Major Depressive Disorder (MDD): Suicide Risk Assessment
- CMS177v12: Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment

Additional Software: Updox for Direct Secure Messaging

Capabilities and Costs

| Capability | Description of Capability | Costs or Fees |
|--|---|--|
| <p>a.1 a.2 a.3 a.5 a.12 a.14 a.15 b.1 b.2 b.10 c.1 c.2 c.3 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 d.9 d.12 d.13 e.1 e.3 g.2 g.3 g.4 g.5 g.6 g.7 g.9</p> | <p>Lightning Step encompasses a range of functionalities, including support for an enterprise data repository, Computerized Provider Order Entry (CPOE), clinical documentation, electronic medication administration record, viewing image result reports, and clinical decision support capabilities.</p> <p>Clinical documentation capabilities allow users to document, review, and edit patient demographics, vital signs, problem lists, medication lists, medication allergy lists, electronic notes, smoking status, and family health history.</p> <p>Lightning Step facilitates the electronic reception of clinical laboratory tests, seamlessly integrating test values and results into a patient's chart.</p> <p>Lightning Step enhances clinical quality measures by embedding built-in logic for calculating numerators and denominators, deriving measurements from EHR-recorded data, and offering export capabilities in QRDA I or QRDA III format.</p> <p>Lightning Step incorporates essential interoperability features, enabling the reception, display, and integration of patient transition of care/referral summaries, as well as the creation and transmission of such summaries, all while adhering to industry-standard security protocols.</p> | <p>Utilizing ONC incurs no extra charges or fees apart from the continuous monthly and annual expenses specified in the contractual obligations.</p> |

Security

Encrypt Authentication Credentials

Credentials consist of confidential information employed for system access, stored in either encrypted or hashed forms, contingent on the use case and utilizing industry-standard algorithms. Illustrative examples encompass passwords and cryptographic secrets utilized for establishing trust between systems.

Multi-factor Authentication

Lightning Step users may need to undergo multi-factor authentication (MFA) as a prerequisite for system access. The applications offer one-time passcodes (OTP) through an OTP device, such as a mobile application or hard token, serving as an integrated second factor. Additionally, these applications seamlessly support MFA conducted at the operating system and/or network level.

Electronic Health Information (EHI) Export

Lightning Step EHI Export supports single patient and population export. Both exports may be performed by authorized end users without developer assistance. Single patient and population export is available at no charge.

Authorized users can access this feature through the "Send Information" tab on the CCD Dashboard. Within this tab, users can employ filters based on client creation date, location, and program. Furthermore, users have the flexibility to choose a specific date range for exporting information. Upon clicking the "Show Data" button, the table is populated with results of clients matching the applied filters. Subsequently, users can mark the checkbox next to each client's name to specify the clients for export. Clicking the "EHI" button initiates the download of a CCD in XML format for each selected client into a zip folder. To transmit the EHI, users can click the "Send EHI" button, which opens a pop-up allowing them to enter an email for EHI delivery via SMTP or Direct Secure Messaging using a third-party software called Updox.

To gain additional insights into the structure and syntax of the CCD, you may refer to the following link: <https://www.hl7.org/ccdasearch>