

General Information:

Plan Report ID Number: 20241030lig

Developer Name: Lille Group, Inc

Product Name(s): eScribeHOST

Version Number(s): 7

Certified Health IT

Product List (CHPL) ID(s): 15.02.05.3058.LILG.01.01.1.220214

Developer Real World Testing Page URL: <https://www.escribe.com/transparency-esh.html>

Certification Criteria to be tested: 170.315(g)(7), (g)(9), (g)(10)

Justification for Real World Testing Approach:

EscribeHost will be evaluated by a third party tester for ability to respond to on demand data requests (g)(7-9) using a standard data export at arbitrary intervals, for single or multiple patients (g)(10). All transmissions between ESH and the testing application will be performed using a secure and trusted connection (g)(10). Information will be verified for completeness and presence using an automated script. All data will be presented in HTML format, available via download hyperlink (g)(9) and accessible via unique patient ID (PID) (g)(7). Success will be measured as rate of success, successful attempts out of total attempts. An attempt will be defined as successful if the export has succeeded within a reasonable time (hereby defined as 8 hours at maximum per patient), the export is complete with all fields specified and the export contains data for the correct date or date range without omission.

The tools used will be the eScribe Data Export and Data Download modules. This a proper approach to real world testing because the third party tester will use the same tools available to real users with appropriate permissions. Ongoing functionality will be tested to avoid point in time biases.

Standards Updates (Including standards version advancement process-svap and uscdi):

eScribeHOST v7

Certification Date: Feb 14, 2022

Certificate Number: 15.02.05.3058.LILG.01.01.1.220214

No standards updated.

Measures Used in Overall Approach:

Rate of Success

Rate of success will be measured as successful attempts out of total attempts. An attempt will be defined as successful if the export has succeeded within a reasonable time (hereby defined as 8 hours at maximum per patient), the export is complete with all fields specified in and the export contains data for the correct date or date range without omission.

All attempts qualified as successful will have been parsed by an automated script for fields, thus testing criteria that the export must be in machine readable format. All attempts will be made using a unique patient ID (PID) thus testing criterion (g)(7). A bad attempt will be made to demonstrate the permission controls which can revoke access to patient data (g)(10).

Data will be contained in a single downloaded file as per (g)(9), for multiple or single patients (g)(10).

Description of Measurement/Metric:

Rate of success will be reported as the percentage of successful attempts to perform actions defined above out of total attempts to perform actions defined above. All attempts will be defined as successful if performed completely and in accordance with all specifications within a reasonable time. Attempts performed during planned downtime will not be counted against the success rate.

Associated Certification Criteria:

170.351(g)(7), (g)(9), (g)(10)

Justification for Selected Measurement/Metric:

Rate of success will describe the overall functionality of eScribeHost by describing the actual user experience at an accelerated rate of calculation using logs and scripts. The testing periods will be arbitrary and will include software releases and peak usage hours, should those occur within the testing timeframes.

Rate of success creates a robust picture eScribeHost's conformance with the identified criteria. With use of a script, no human error is expected or accounted for. This provides a clear measure of the software's function.

Care Setting(s):

Care Setting	Justification
Cardiology Office	EscribeHost is used in cardiology practices. The care setting where patient information should be accessed, added, changed and exchanged is in the office among only professionals with appropriate permissions.

Expected Outcomes:

- (1) The third party tester will evaluate metrics of data export success, completeness, and access by unique PID. These metrics will be reported as a total rate of success percentage. This percentage is expected to be no less than 90%, accounting for planned downtime. Timing should include peak usage hours because of the testing of export/download speeds being potentially affected by time of day.

Schedule of Key Milestones:

Key Milestone	Care Setting	Date/Timeframe
Write Scripts	Cardiology Office	January-Feb 15, 2025
Patient Groups	Cardiology Office	February 2025
Test Group 1	Cardiology Office	March 2025 - April 2025
Record Results	Cardiology Office	April 2025
Test Group 2	Cardiology Office	May 2025 - July 2025
Record Results	Cardiology Office	July 2025
Test Group 3	Cardiology Office	August 2025 - October 2025
Record Results	Cardiology Office	October 2025
Asses Results	Cardiology Office	November 2025
Create Report	Cardiology Office	November 2025 - December 2025
Submit Results	Cardiology Office	February 1, 2026

Explanation of Milestones:

Write Scripts: create scripts that will test for all specified criteria and provide measurable data according to this plan.

Patient Groups: create groupings of patients to be used for testing. Use a randomizer to select distinct patients to be enrolled in each of the 3 groups. Patients will be defined by unique PID.

Test Group: the time frame each test group will be used for ongoing testing.

Record Results: the time dedicated to collecting data from each round of testing.

Asses Results: check results for inconsistencies, compare results of groups, account for any planned downtime.

Create Report: report all results with explanation of testing, explanation of planned or unplanned errors, detail how process was run. Report any found bugs or unexpected errors with documentation of how these errors were resolved. All code used for testing will be reported for full transparency. Patient data is not to be included unless necessary for explanation and screened for PHI.

Submit Results: make Real World Testing results available per certification requirement. Report submission to ACB.

Attestation:

This Real World Testing plan is complete with all required elements, including measures that address all certification criteria and care settings. All information in this plan is up to date and fully addresses the Health IT Developer's Real World Testing requirements.

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