

REAL WORLD TESTING PLAN

BACKGROUND & INSTRUCTIONS

Under the ONC Health IT Certification Program (**Program**), Health IT Developers are required to conduct Real World Testing of their Certified Health IT (45 CFR 170.556 and 170.523(i)). The Office of the National Coordinator for Health Information Technology (ONC) issues Real World Testing resources to clarify Health IT Developers' responsibilities for conducting Real World Testing, to identify topics and specific elements of Real World Testing that ONC considers a priority, and to assist Health IT Developers to develop their Real World Testing plans.

Health IT Developers have maximum flexibility to develop innovative plans and measures for Real World Testing. As developers are planning for how they will execute Real World Testing, they should consider the overall complexity of the workflows and use cases within the care settings in which they market their Certified Health IT to determine which approaches they will take. This Real World Testing plan template was created to assist Health IT Developers in organizing the required information that must be submitted for each element in their Real World Testing plan. Health IT Developers must submit one plan for each year of Real World Testing (see resources listed below for specific timelines and due dates). ONC does not encourage updating plans outside the submission timeline and will not post updates on the Certified Health IT Product List (CHPL). If adjustments to approaches are made throughout Real World Testing, the Health IT Developer should reflect these adjustments in their Real World Testing results report. ONC would expect that the Real World Testing results report will include a description of these types of changes, the reasons for them, and how intended outcomes were more efficiently met as a result. This resource should be read and understood in conjunction with the following companion resources, which describe in detail many of the Program requirements referenced in this resource.

- [Real World Testing—What It Means for Health IT Developers – Fact Sheet](#)
- Real World Testing Resource Guide – Coming Soon
- [Real World Testing Certification Companion Guide](#)

Health IT Developers should also review the following regulatory materials, which establish the core requirements and responsibilities for Real World Testing under the Program.

- 21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program final rule, [85 FR 25642](#) (May 1, 2020) (**Century Cures final rule**)
 - ↳ [Section VII.B.5](#) — “Real World Testing”

GENERAL INFORMATION

Plan Report ID Number: [For ONC-Authorized Certification Body use only]

Developer Name: CPSI (Computer Programs and Systems), Inc.

Product Name(s): Thrive EHR

Version Number(s): 20

Certified Health IT

Product List (CHPL) ID(s): 15.04.04.1183.Thri.20.02.1.180331

Developer Real World Testing Page URL: <https://www.cpsi.com/product-certification>

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

Consistent with the ONC's recommendation that "Real World Testing verify that deployed Certified Health IT continues to ***perform as intended by conducting and measuring observations of interoperability and data exchange***", this test plan focuses on capturing and documenting the number of instances that certified capability is successfully utilized in the real world. In instances where no evidence exists due to zero adoption of a certified capability or the inability to capture evidence of successful use for other reasons, we will demonstrate the required certified capability in a semi-controlled setting as close to a "real world" implementation as possible.

It is important to note that Real World Testing is only one component of the Health IT Certification program used to demonstrate compliance with the program requirements. Real World Testing should augment and support testing that was conducted prior to certification being granted. It is not intended to duplicate the methods or results previously demonstrated. Instead, this test plan was developed to demonstrate that the certified capabilities have been successfully deployed for providers to use at their discretion in live settings.

We are using a 3-fold approach to demonstrate successful real-world implementations.

- Adoption Rate
- Summative Testing
- Interactive Testing

Adoption rate will be used to determine if/when certified capability is being used in the real world and to help identify differences in care settings. Evidence of high rates of implementation and usage indicate (but don't by themselves prove) a certified capability's usefulness and practical value. Evidence of low rates of implementation and usage might indicate a potential problem, of which there could be several different causes. Note, it is not the goal of this exercise to identify the individual causes of why a given certified capability may have a high or low adoption rate, but rather to identify the users and care settings for which a given test is relevant.

Summative assessments will be used to measure which certified actions were performed at the conclusion of a given time period. These will be conducted by running reports and examining audit logs from within the certified health IT module to help demonstrate the frequency of actions within the given time frame, and where possible, whether those actions were successful or unsuccessful. High success rates should be an indicator of a successful implementation of a given certified capability in a real-world setting.

Interactive testing will be used to demonstrate conformance to requirements where the adoption rate of a given certified capability is zero and to demonstrate ongoing compliance with updated standards and code sets (SVAP). Interactive tests will require a live test as opposed to examining historical usage statistics. The goal is to allow a user to demonstrate the certified Health IT module being used in a way consistent with their own practice or care setting.

STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS-SVAP AND USCDI)

CPSI has not updated Thrive EHR to any new standards as part of SVAP or the Cures Update criteria as of this date.

CARE SETTINGS

Thrive is marketed primarily to inpatient Critical Access Hospitals and is also used by specialists in that setting. Thrive also counts several Prospective Payment System Hospitals and Ambulatory Surgery Centers among its users. Thrive does not contain any specialty apps.

Care Setting	Justification
Critical Access Hospitals	CAHs receive certain benefits, such as cost-based reimbursement for Medicare services, which differs from other hospital payment systems. CAH provide shorter term stays (4 day maximum) and work largely with long-term care facilities when sharing data. For these reasons, CAH may have different needs in their typically rural settings than other hospital systems and may utilize their EHR in different ways as a result.
Prospective Payment System Hospitals	PPS Hospitals are reimbursed on a fixed payment schedule and do not limit the number of days per patient stay. PPS hospitals may utilize their EHRs differently than CAH or ASCs due to their trading environments.
Ambulatory Surgery Centers	Surgery centers, also known as ambulatory surgery centers (ASCs), are licensed, freestanding outpatient facilities. These centers are often physician-owned, may specialize in certain procedures, and are typically smaller than hospitals. Because they are ambulatory and don't typically include overnight stays, the use of the EHR is different than hospital systems.

MEASURES USED IN OVERALL APPROACH

For each measurement/metric, describe the elements below:

- ✓ Description of the measurement/metric
- ✓ Associated certification criteria
- ✓ Care setting(s) that are addressed
- ✓ Justification for selected measurement/metric
- ✓ Expected Outcomes

ADOPTION RATES

The following metrics are applicable to all criteria and all care settings. These metrics will not be used directly to demonstrate interoperability or conformance to certification criteria. Instead, they will primarily be used to help determine the participants that will be in scope for this evaluation. They can also aid with the justification for other metrics by providing additional context (i.e., extremely low adoption rates for certain certified capabilities will necessitate a different approach to testing).

Metric	Description
Number of licensed installs/users of EHR <ul style="list-style-type: none"> • The definition of a “license” is dependent upon the model used (e.g., total number of systems, total number of seats per license, etc.) 	Identify the total number of licensed installs/users of the certified Health IT module, regardless of care setting, participation in incentive programs, or use of certified capabilities. 632
Number of active installs/users of EHR	Identify the total number of active installs and/or users of the certified Health IT module, regardless of care setting, participation in incentive programs, or use of certified capabilities. 525

The following metrics are applicable to all criteria that are licensed separately from the base license and all care settings.

The most common is using the Software as a Service (SaaS) where the software is provided for a monthly fee. Most of our software application licenses are without a limitation on the number of concurrent users that may access the application.

Some applications, including system access software, are on a per concurrent user basis. Applications that are per user are identified in the proposal by the listing of the number of user licenses and also can be provided at the facility’s option as a “site” license. When such software is a site license, the facility may provide access to as many concurrent users as desired without incurring any additional fees.

Example applications per user are EPCS, Direct Messaging.

Metric	Description
Certified capabilities that are licensed separately	Identify which certified capabilities are licensed separately from the base EHR license. Examples may include eRx, CQMs, public health, etc. See Above

<p>Number of installs/users who licensed a certified capability</p>	<p>Where applicable, identify the number of licensed installs/users of a given certified capability. The Thrive EHR is sold as an integrated system and almost all sites utilize all components. The variations are most related to public health reporting and new certification criteria which we must provide; however, our clients do not have a use case requiring them to utilize. The criterion which added the ability to do EPCS is issued separately for identity proofing to utilize the DrFirst EPCS component integrated into the CPSI Eprescribing software-1600 clinicians Direct Messaging 649 mailboxes</p>
<p>Number of installs/users that have used the certified capability in the preceding 365 days</p>	<p>Where applicable, identify the number of active installs/users of a given certified capability. Eprescribing 1600 clinicians Direct Messaging 649 mailboxes With the exception of what is identified below as not being used, we assume all sites are using the software.</p>

SUMMATIVE ASSESSMENT METRICS

The following metrics will be measured by viewing audit logs and reporting systems available to track the behavior of the certified Health IT module during a given time frame. All metrics are designed to reflect the core elements of the criteria, demonstrate interoperability, and demonstrate the success rate of the certified capability being used. In most cases we elected to record these metrics over a 90-day period to reflect the reporting periods typically required for compliance with the federal incentive programs.

The continued measurable use of certified capabilities will provide implicit evidence of successful implementation of the required certified capability. This is especially meaningful in cases where interoperability with outside systems is demonstrated. In cases where it is not possible to determine “success” via an explicit confirmation by a receiving system, success will be defined as a transmission was made where no error was received from the destination system or its intermediaries. Additionally, we will review internal customer and vendor issue tracking systems for reports of failures or unsatisfactory performance in the field.

None of the following criteria were updated to the Cures Update version of criteria prior to August 31, 2021. As a result, all testing is scheduled to be conducted against the 2015 Edition version of the criteria.

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Criterion	Metric	Care Setting	Justification and Expected Outcome
170.315(b)(1) Transitions of care	Over a 90-day period: 1) Number of CCDAs created 2) Number of CCDAs sent via edge protocols 3) Number of CCDAs received via edge protocols	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to create CCDAs according to specified standards and vocabulary code sets, as well as send and receive CCDAs via edge protocols. However, it is not possible to consistently and reliably demonstrate that all required standards and code sets were used because not all CCDAs created in a real-world setting contain all the necessary data elements. Furthermore, it is not feasible to obtain copies of CCDAs from “outside” developers or providers who have no incentive to participate in this exercise. Therefore, we intend to demonstrate the required certified capabilities by demonstrating how often CCDAs are created and exchanged with other systems to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be moderate utilization by providers with a high success rate.</p>
170.315(b)(2) Clinical information reconciliation and incorporation	Over a 90-day period: 1) Number of times a user reconciled medication list data from a received CCDAs 2) Number of times a user reconciled allergies and intolerance list data from a received CCDAs 3) Number of times a user reconciled problem list data from a received CCDAs	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to take a CCDAs received via an outside system and match it to the correct patient; reconcile the medication, allergy, and problem lists; and then incorporate the lists into the patient record. The expectation is each of these steps is done electronically within the certified Health IT module. While this certified capability is available to our users, most providers in the real world typically prefer to perform these steps manually and elect to save any outside received CCDAs as attachments to the patient record. Therefore, we intend to record the frequency that providers are electronically reconciling and incorporating CCDAs that were received from outside providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be low utilization by providers with a high success rate.</p>

<p>170.315(b)(3) Electronic prescribing</p>	<p>Over a 90-day period:</p> <ol style="list-style-type: none"> 1) Number of prescriptions created 2) Number of prescriptions changed 3) Number of prescriptions canceled 4) Number of prescriptions renewed 	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to perform prescription-related electronic transactions (eRx) using required standards. However, it is not possible to demonstrate the correct standards were used because it is not feasible to obtain copies of eRx documents from “outside” companies or pharmacies who have no incentive to participate. Therefore, we intend to demonstrate the required certified capabilities are effective by demonstrating how often eRx transactions are performed by examining reports from our eRx partner. This will demonstrate that not only are the eRx transactions sent from the certified Health IT module, but that the transactions are successfully received by the eRx clearinghouse. Our expectation is there will be high utilization by providers with a high success rate.</p>
<p>170.315(b)(6) Data export</p>	<p>Over a 90-day period:</p> <ol style="list-style-type: none"> 1) Number of times a data export was performed for a patient 2) Number of times a data export was performed for multiple patients in a single transaction 3) Number of times a data export was performed for all patients in a single transaction 	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to export a summary of a patient’s record in CCD format according to specified standards and vocabulary code sets. However, it is not possible to consistently and reliably demonstrate that all required standards and code sets were used because not all CCDs created in a real-world setting contain all the necessary data elements. Therefore, we intend to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be very low utilization by providers with a high success rate.</p>
<p>170.315(e)(1) View, download, and transmit to 3rd party</p>	<p>Over a 90-day period:</p> <ol style="list-style-type: none"> 1) Number of views of health information by a patient or authorized representative 2) Number of downloads of health information by a patient or authorized representative 3) Number of transmissions of health information by a patient or authorized representative using unencrypted email 4) Number of transmissions of health information by a patient or authorized representative using encrypted method 	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to provide patients access to a patient portal with the ability to view, download, and send their health care records to other providers via encrypted or unencrypted transmission methods in CCD format. We intend to record the frequency that patients are viewing, downloading, and transmitting their records from the portal using the certified capabilities to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be moderate utilization by patients for view and lower utilization for download and transmit with a high success rate for all certified capabilities.</p>

<p>170.315(f)(1) Transmission to immunization registries</p>	<p>Over 3 separate unique 10-day periods within a 90-day window: 1) Number (or percentage) of immunization records submitted to the immunization record</p>	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to transmit immunization data to a registry using a specified format. We intend to record the frequency that immunization data is submitted to registries by providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be low utilization by providers with a high success rate.</p>
<p>170.315(f)(2) Transmission to public health agencies — syndromic surveillance</p>	<p>Over 3 separate unique 10-day periods within a 90-day window: 1) Total number of syndromic surveillance events created and submitted</p>	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to transmit syndrome-based public health surveillance data to a registry using a specified format. We intend to record the frequency that syndromic surveillance data is submitted to registries by providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be low utilization by providers with a high success rate.</p>
<p>170.315(f)(3) Transmission to public health agencies — reportable laboratory tests and value/results</p>	<p>Over 3 separate unique 10-day periods within a 90-day window: 1) Total number of reportable laboratory results created and submitted</p>	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	<p>This criterion requires the ability of a certified Health IT module to transmit reportable laboratory tests and values/results to a registry using a specified format. We intend to record the frequency that reportable laboratory tests and values/results is submitted to registries by providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be low utilization by providers with a high success rate.</p>
<p>170.315(f)(4) Transmission to cancer registries</p>	<p>Over 3 separate unique 10-day periods within a 90-day window: 1) Total number of cancer registry data records created and submitted</p>		<p>This criterion requires the ability of a certified Health IT module to transmit cancer case information to a registry using a specified format. We intend to record the frequency that cancer case information is submitted to registries by providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be zero adoption of this certified capability by our users, so we have added interactive testing methodology for these capabilities to the test plan below to demonstrate the feature is available and functions as expected should any users elect to begin using this feature.</p>

<p>170.315(f)(5) Transmission to public health agencies — electronic case reporting</p>	<p>Over 3 separate unique 10-day periods within a 90-day window: 1) Total number of electronic case reports created and submitted</p>		<p>This criterion requires the ability of a certified Health IT module to identify which encounters may be reportable and then create an electronic case report for transmission to a registry using a specified format. We intend to record the frequency that electronic case reports are created and submitted by providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be zero adoption of this certified capability by our users, so we have added interactive testing methodology for these capabilities to the test plan below to demonstrate the feature is available and functions as expected should any users elect to begin using this feature</p>
<p>170.315(f)(7) Transmission to public health agencies — health care surveys</p>	<p>Over 3 separate unique 10-day periods within a 90-day window: 1) Total number of health care surveys created and submitted</p>		<p>This criterion requires the ability of a certified Health IT module to transmit health care survey information to a registry using a specified format. We intend to record the frequency that health care survey information is submitted to registries by providers to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be zero adoption of this certified capability by our users, so we have added interactive testing methodology for these capabilities to the test plan below to demonstrate the feature is available and functions as expected should any users elect to begin using this feature.</p>
<p>170.315(g)(7) Application access — patient selection</p>	<p>1) Number of requests for a patient ID or token 2) Number of requests that provided sufficient information to provide a valid response 3) Number of follow-up requests made using the provided patient ID or token</p>		<p>This criterion requires the certified Health IT module to provide an API and supporting documentation that enable external applications to request a unique patient identifier from the certified Health IT module that can be used to request additional patient data. We intend to record the frequency that patient ID requests are received by providers via a API to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be zero adoption of this certified capability by our users, so we have added interactive testing methodology for these capabilities to the test plan below to demonstrate the feature is available and functions as expected should any users elect to begin using this feature</p>

170.315(g)(8) Application access — data category request	<ol style="list-style-type: none"> 1) Number of requests for a patient’s data made by an application via a data category request using a valid patient ID or token 2) Number of requests for a patient’s data made by an application via a data category request using a valid patient ID or token for a specific date range 		<p>This criterion requires the certified Health IT module to provide an API and supporting documentation that enable external applications to request patient data by category from the certified Health IT module. We intend to record the frequency that patient data requests by category are received by providers and fulfilled via API to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be zero adoption of this certified capability by our users, so we have added interactive testing methodology for these capabilities to the test plan below to demonstrate the feature is available and functions as expected should any users elect to begin using this feature.</p>
170.315(g)(9) Application access — all data request	<ol style="list-style-type: none"> 1) Number of requests for a patient’s Summary Record made by an application via an all data category request using a valid patient ID or token 2) Number of requests for a patient’s Summary Record made by an application via an all data category request using a valid patient ID or token for a specific date range 		<p>This criterion requires the certified Health IT module to provide an API and supporting documentation that enable external applications to request all categories of patient data defined in the CCDS from the certified Health IT module. We intend to record the frequency that patient data requests for all categories are received by providers and fulfilled via API to demonstrate the certified capability is available and effective, regardless of the frequency it is used. Our expectation is there will be zero adoption of this certified capability by our users, so we have added interactive testing methodology for these capabilities to the test plan below to demonstrate the feature is available and functions as expected should any users elect to begin using this feature.</p>

INTERACTIVE TESTING

The following test plans will be executed to demonstrate Real World certified capabilities for criteria where metrics are not available, because there is no adoption to date of these criteria in the Real World, either due either due to unanticipated lack of interest or other factors. Where applicable, these factors are described below.

CPSI will leverage interactive testing for the following criteria for Thrive Provider:

- §170.315(f)(4) Transmission to cancer registries
- §170.315(f)(5) Transmission to public health agencies — electronic case reporting
- §170.315(f)(7) Transmission to public health agencies — health care surveys
- § 170.315(g)(7) Application access — patient selection
- § 170.315(g)(8) Application access — data category request
- § 170.315(g)(9) Application access — all data request



High Level Interactive Test Plan

- **Public Health Criteria Test Environment:**
 - CPSI Public Health certified capabilities were developed to be purchased as a separate module, which requires extensive configuration to be setup to be used. As such, CPSI will perform Interactive Testing for these criteria using a non-customer production environment that is set up in production but has not yet been configured to any customer sites due to lack of adoption.
- **API Criteria:**
 - The CPSI API certified capabilities are available in production deployments at customer sites. CPSI will engage with 2 Primary Care Provider clinics to demonstrate the certified capabilities function the same way in both settings, thereby representing Real World deployments across all Primary Care customers.



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Criterion	Interactive Test Plan	Justification and Expected Outcome
<p>§170.315(f)(5) Transmission to public health agencies — electronic case reporting</p>	<p>CPSI developed this workflow as an automatic workflow that runs in the background. Whenever a diagnosis, lab result or medication is entered, it is checked against a trigger table. When a match occurs, it creates a report and sends it to the Interface Management System (IMS). Reports can be viewed in the IMS prior to being sent to a Registry.</p> <p>CPSI will create 3 test patients in their production system, each one with a different encounter or parameter that matches the trigger code table, as well as representative data for that encounter, including:</p> <ul style="list-style-type: none"> ○ Encounter diagnoses and their associated ICD10 code ○ Provider's contact information ○ Reason for visit ○ Patient Name ○ Sex ○ Date of Birth ○ Race and Ethnicity ○ Preferred language ○ Problems ○ Medications ○ Laboratory Tests ○ Laboratory Values(s)/Result(s) ○ Vital Signs ○ Procedures ○ Care Team Member(s) ○ Immunizations ○ Assessment and Plan of Treatment <p>CPSI will document the patient encounter in the Thrive EHR and satisfy the trigger conditions, then use visual inspection of the IMS to show that the trigger resulted in a transmission of the expected data for each patient to the IMS.</p>	<p>Justification:</p> <p>There are no sites using Electronic Case Reporting. CPSI has found that while providers initially signed up to use this feature, when CMS and ONC reduced the number of public health reportables that were needed, most providers already had the required number and did not adopt this new functionality. All facilities will be mandated to use this function in 2022, so there may be an adoption later in 2021 but until then there is no way to demonstrate it in the live environment.</p> <p>Expected Outcome:</p> <p>IMS system will show 3 case reports for patient encounters showing the expected CPSI patient data. Visual inspection will confirm that this functionality is available for deployment in a production environment and ready to be configured and deployed to a customer system.</p>



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<p>§170.315(f)(7) Transmission to public health agencies — health care surveys</p>	<p>CPSI will create 3 test patients, representing 2 Outpatient settings and 1 Urgent Care provider, and their representative data in the production system.</p> <p>CPSI will create health care survey documents and manually download the Healthcare Survey documents.</p> <p>CPSI will use the NIST healthcare surveys Release 1.2 validator found here: https://cda-validation.nist.gov/cda-validation/muNHCS12.html to confirm that the documents confirm to expected standards.</p>	<p>Justification: There are no sites using Health Care Survey Reporting. CPSI has found that while providers initially signed up to use this feature, when CMS reduced the number of public health reportables that were needed, most providers already had the required number and did not adopt this new functionality.</p> <p>Expected Outcome: 3 Healthcare survey documents are created and pass validation</p>
<p>170.315 (g)(7): Application Access - Patient Selection meets 170.315</p>	<p>CPSI will work with 2 Hospitals to run through the following high-level steps using CPSI patients in the provider’s deployment of the CPSI API.</p> <p>Test patients will be used, they will be set up in each provider’s EHR in advance.</p>	<p>Justification: CPSI will use interactive testing to demonstrate that API capabilities are present and available for use in Real-World customer deployments.</p> <p>We anticipate that there is low adoption date because most CPSI clients are in rural settings and have other priorities and their patient population is not prioritizing app usage. Additionally, 40 CPSI customers and their patients already have the ability to aggregate their health records from multiple institutions alongside their patient-generated data, as well as share their health data with a provider to pull data to Health Records on iPhone using APIs that are different than the certified functionality, further delaying adoption of the certified API capabilities.</p>
<p>(g)(8): Application Access - Data Category Request meets 170.315</p>	<p>CPSI test user will log into Health Records app on an iPhone as the CPSI patient that has been created in the Provider’s EHR.</p> <p>Test patient will use the Health Records app to query the API for:</p>	<p>Test patient will use the Health Records app to query the API for:</p> <ul style="list-style-type: none"> ○ A patient token to be used to query for additional data ○ Their test results and prescriptions ○ Their CCDS data as a CCDA
<p>(g)(9): Application Access - All Data Request</p>	<p>Test patient will use the Health Records app to query the API for:</p> <ul style="list-style-type: none"> ○ A patient token to be used to query for additional data ○ Their test results and prescriptions ○ Their CCDS data as a CCDA 	<p>Expected outcomes:</p> <ul style="list-style-type: none"> ○ Patient ID is accepted, and token is returned ○ Patient CCDS data is visible in the app as either discreet data fields or as a CCDA

SCHEDULE OF KEY MILESTONES

Real World test planning will commence in first quarter of 2022. Each phase is expected to take 90-days to complete, with report writing to occur end of 2022/early 2023.

Key Milestone	Care Setting	Date/Timeframe
Scheduling and logistics	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	90-days
Data collection	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	90-days
Review and collate data	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	90-days
Writing report	<ul style="list-style-type: none"> • Critical Access Hospitals • Prospective Payment System Hospitals • Ambulatory Surgery Centers 	90-days

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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Date: November 15, 2021