

# The Certification Commission for Healthcare Information Technology (CCHIT)

## “Town Call”

### Information for Vendors on Applying for Pilot Test Participation

Monday, November 21, 2005

4:00 pm Eastern/3:00 pm Central/1:00 pm Pacific

Call-in number: 877-313-5342

Conference ID: 2341304

Duration of call: 90 minutes

**Moderator: Mark Leavitt, MD, PhD - Chair, CCHIT**



# Agenda for Today's Call

- **Background**
  - CCHIT History and Mission (in brief)
  - Contractual Scope, Timeline, Deliverables
  - Development of Criteria and Test Process
  - Key Documents
- **Information on the Pilot Test**
  - Purpose
  - Vendor qualifications and selection
  - Testing methodologies
  - Key dates
- **Q & A**



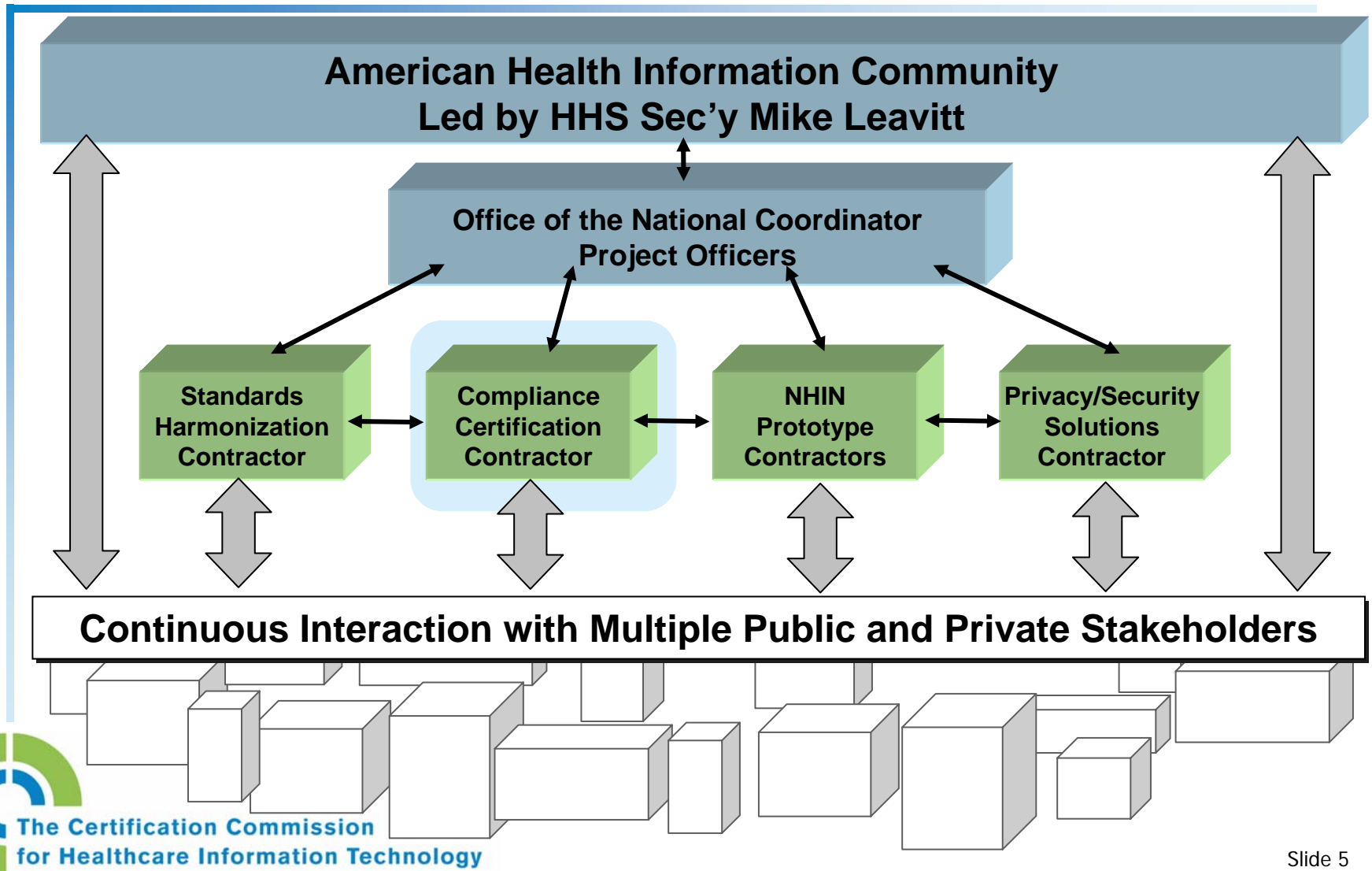
# Brief History of CCHIT

- **July 2004: Certification of HIT products a key action in HHS Strategic Framework**
- **Sept 2004: AHIMA, HIMSS, and the Alliance fund and launch CCHIT**
- **June 2005: Eight more nonprofit organizations add \$325k funding support**
- **July 2005: HHS announces Health IT Strategy; RFP ONCHIT-2 released**
- **Sept 2005: CCHIT awarded \$7.5M, 3 year HHS contract to develop and assess EHR and network certification criteria and inspection process**

# Mission of CCHIT

**To accelerate the adoption of robust, interoperable HIT throughout the US healthcare system, by creating an efficient, credible, sustainable mechanism for the certification of HIT products.**

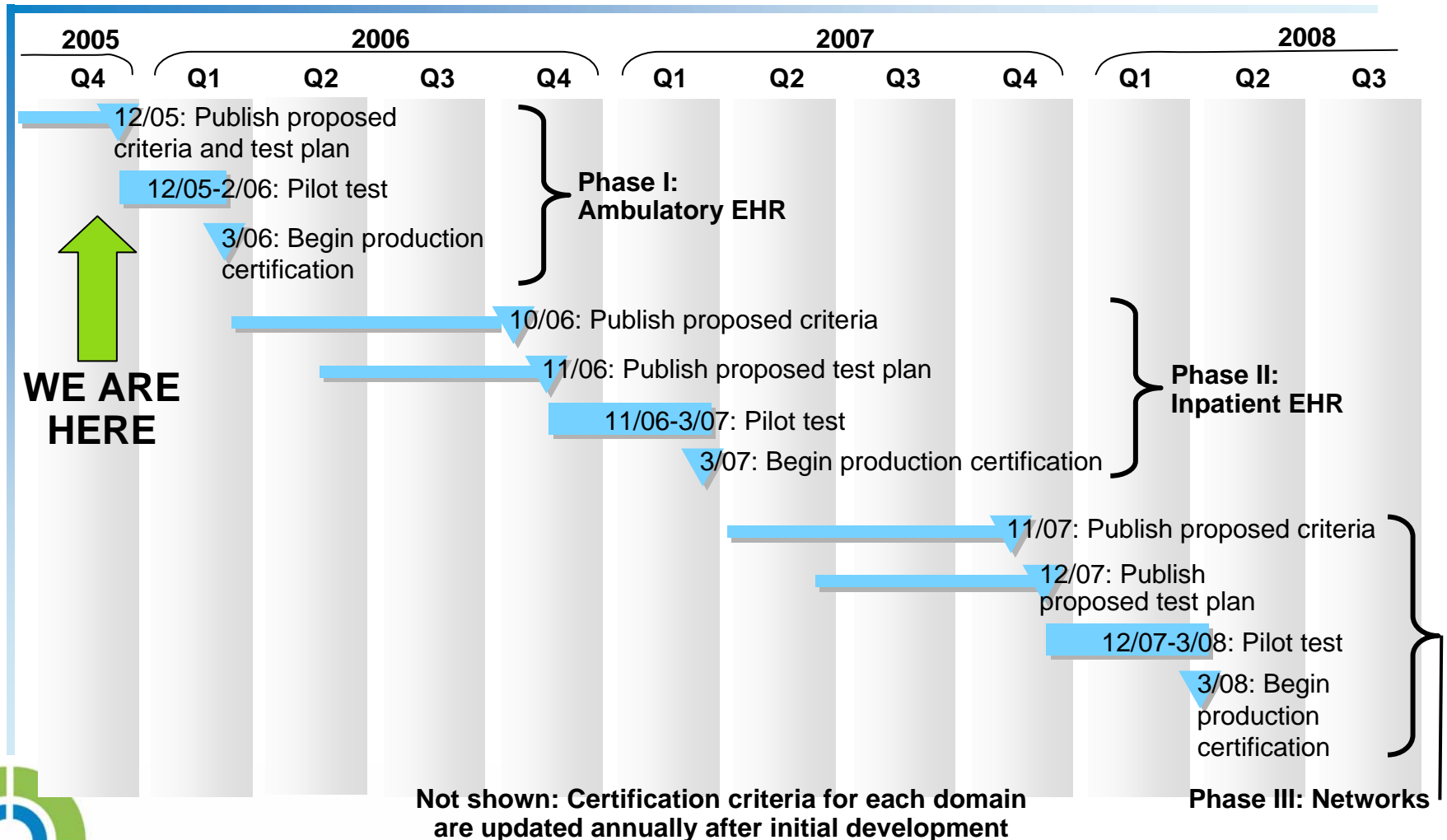
# HHS Health IT Strategy



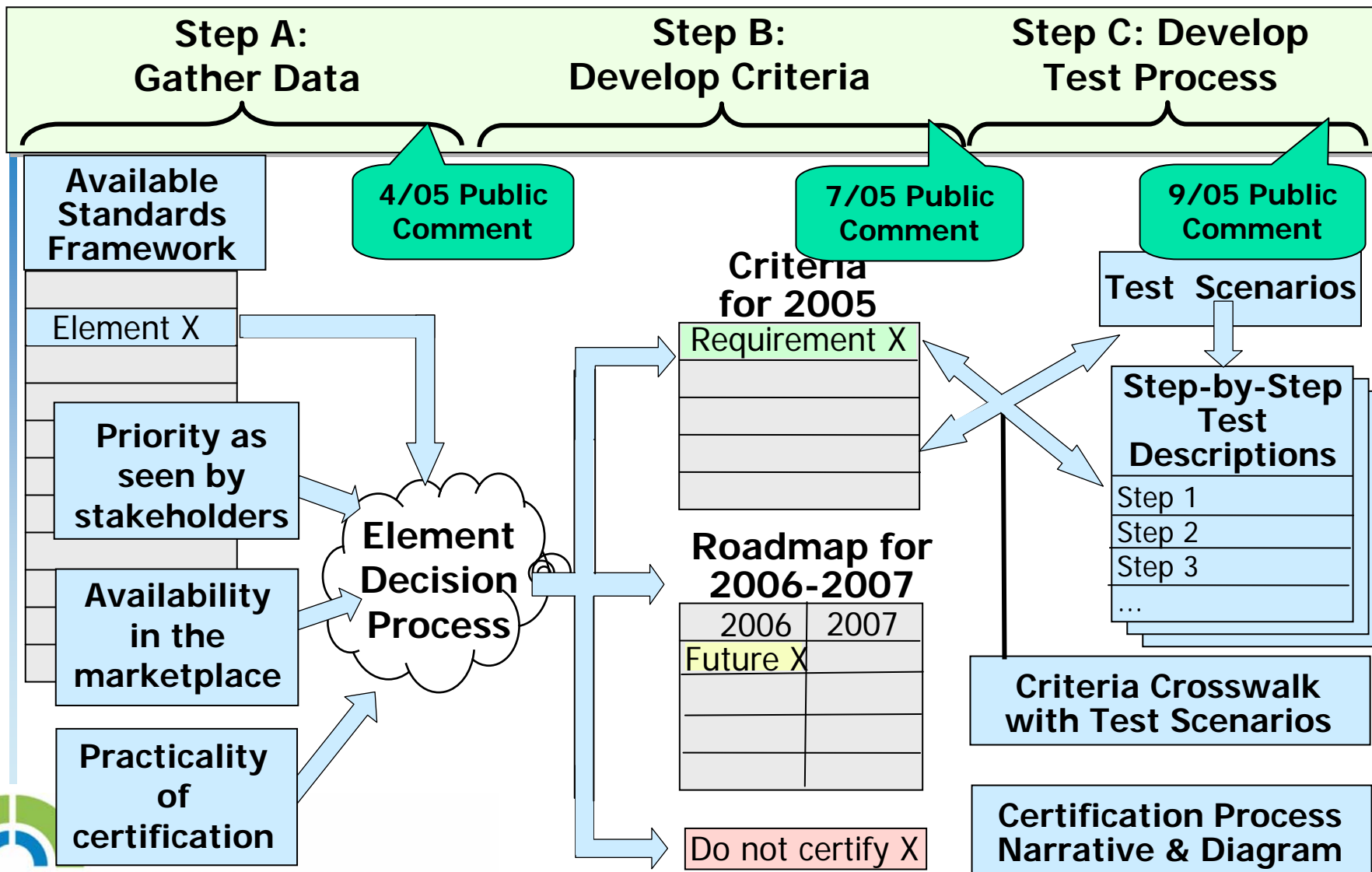
# CCHIT Contractual Scope of Work

- Year 1 (Oct 05 – Sep 06)
  - Develop, pilot test, and assess certification of **EHR products for ambulatory care settings**
- Year 2 (Oct 06 – Sep 07)
  - Develop, pilot test, and assess certification of **EHR products for inpatient care settings**
- Year 3 (Oct 07 – Sep 08)
  - Develop, pilot test, and assess certification of **infrastructure or network components** through which EHRs interoperate

# Timeline of Key Deliverables



# How CCHIT Develops Certification Criteria and Test Processes



# Key Documents

- **Certification Criteria** – these list the requirements for an EHR product to be certified beginning March 06. Draft stages have been published already
  - Roadmap – additional columns in the Certification Criteria that provide CCHIT's prediction of future certification requirements to begin March 07 and March 08
- **Test Scenarios** – (formerly called Use Cases) – describe realistic clinical situations around which an observed demonstration is structured.
- **Test Scripts** – detailed step-by-step procedures that will be followed during the test, including the expected results
- **Criteria Crosswalk** – an internal check document that ensures all Criteria have been exercised in one of more of the Test Scenarios

*All of these documents have already been published in draft/sample form.*

*Proposed Final versions will be published Nov 30, 2005*



# Information on the Pilot Test



# Purpose of the Pilot Test

- **To validate the Proposed Final Criteria before beginning official Certification in March 2006**
- **To validate the Test Scenarios and Test Scripts**
- **To investigate the validity, practicality, and costs of proposed testing methodologies**
- **To survey vendors and other stakeholders on their experience with the testing process**



# Benefits for Participating Vendors

- **Opportunity to test product against proposed criteria using proposed test methods, with no fee required**
- **Improved understanding of the certification criteria and testing**
- **Opportunity to provide feedback that will be used to refine the criteria and testing process**
- **Opportunity to be part of a major national effort to accelerate the adoption of Health IT**



# Vendor Qualifications and Selection Process

- **Goal is to have 6 – 8 vendors that constitute a representative sample of EHR offerings across the broad spectrum of physician practices and other ambulatory care settings**
- **Goal is to have 2 vendors plus 1 alternate within each of three market segments (next slide)**

# Definition of Market Segments

- **Enterprise segment**
  - Vendors that offer ambulatory EHR *and* also offer hospital/enterprise EHR system
- **Mid-range segment**
  - Vendors offering ambulatory EHR that targets practices of 10 or more physicians
- **Small practice segment**
  - Vendors offering ambulatory EHR that targets practices of 5 or fewer physicians

**Note 1: Vendors may classify themselves, but must have a significant number of customers within the declared segment.**

**Note 2: Vendors that span multiple market segments must choose one segment in which to apply.**

# Other Qualifications Required of Vendors

- Vendor agrees to make a single-point-of-contact available to marshal necessary vendor resources during test preparation, actual testing, and post-test assessment
- Vendor agrees to absorb their own costs for participation in the pilot
- Vendor agrees to provide constructive and formal feedback during the test period and will complete the vendor survey (to include cost data on vendor level of effort) after the pilot test.
- When selecting pilot participants, CCHIT will also consider delivery platform, the manner in which the functionality is provided (e.g. as shrink-wrapped software, as turnkey implementation, as an ASP service based approach, etc.), and any other factors that improve the representative nature of our sample and enable a thorough pilot test of the certification process.



# Testing Methodologies

- **Self-Attestation**
  - Vendor supplies documentation of the system, signs attestation as to accuracy
- **Jury-observed demonstration**
  - EHR product running at vendor facility, jurors and proctors observe via simultaneous web conference / audio conference (no travel required)
  - Test is 100% guided by published test scripts
- **Jury-observed technical tests**
  - Same remote environment as demonstration, but test scripts may require access to files (e.g. interoperability testing) or storage media (e.g. security testing)



# Requirements for Vendor to Participate in Pilot Test

- Complete and submit the Self-Attestation materials as outlined in the applicable Test Script within 10 business days of application acceptance
- Set up a test environment that replicates the live environment of its EHR system
- Provide a single-point-of-contact (SPOC) for the duration of the testing window; for pilot testing, this is 5 business days
- Work with CCHIT's IT contractor to resolve any technical problems with web conferencing technology for Observed Demonstration
- Provide appropriate personnel during the Observed Demonstration portion of pilot testing to execute procedural steps in the Test Scripts, as well as for review of elements contained in the Technical Testing portion
- Complete Vendor Pilot Survey within required interval after Pilot test is complete



# Juries

- **For Pilot Test, we will use CCHIT Commissioners and Workgroup Members to constitute a Jury Pool. (For production certification we will recruit from the industry at large)**
- **Jury Panel for a given product test is drawn from the Jury Pool**
  - Two clinically-experienced jurors (at least one must be a physician)
  - One IT/security juror
  - One CCHIT staff member serving as Proctor
- **Jurors must sign Conflict of Interest Disclosure as well as Confidentiality Agreement. Persons with any financial interest in a vendor or product, or a competing vendor or product, may not serve as a juror for that product.**
- **Vendors will provide feedback on their experience with the jury and the process.**
- **CCHIT will review the process in detail for signs of bias.**
- **A more detailed documentation of the Juror selection process and Jury operation is under development**



# Key Dates for Pilot Test

- Nov 21 – Town Call; begin accepting requests for pilot test participation application (email [cchit@ahima.org](mailto:cchit@ahima.org) to obtain application)
- Nov 30 – Proposed Final Criteria, Test Scripts, Pilot Test Plan all to be published on [www.cchit.org](http://www.cchit.org)
- Dec 16 – cutoff date for receipt of Pilot Test participation applications; staff begins selection process, notification of vendors, and arrangement of test dates
- Jan 13 – deadline for receipt of documentation required by self-attestation from all selected vendors; actual testing begins
- Feb 28 – pilot testing and post-pilot assessments completed (contractual requirement)

# Thank You!

## Q & A

All documents are published at:

