

HHS // IHS

**HIT MODERNIZATION
PROJECT**

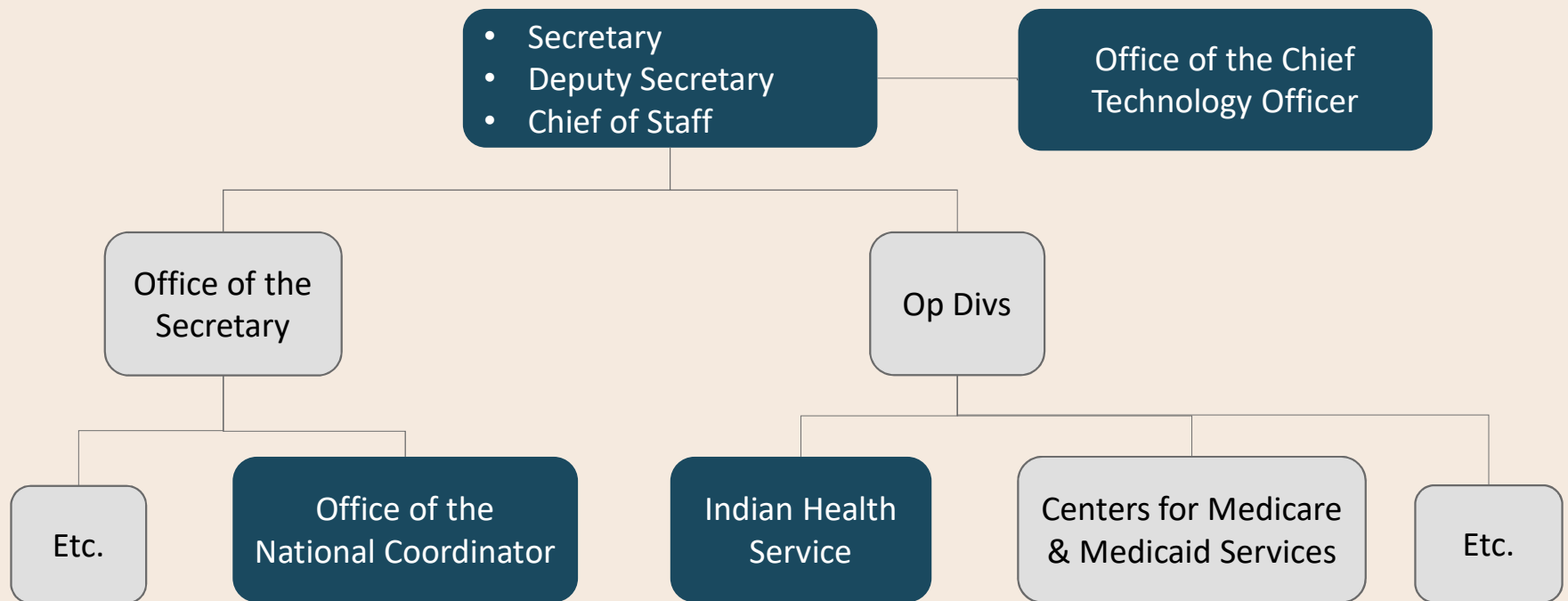
PROJECT PURPOSE

The HHS IHS HIT Modernization Project is sponsored by the U.S. Department of Health and Human Services Office of the Chief Technology Officer (HHS OCTO) in conjunction with IHS to provide an analysis and make recommendations to IHS concerning its approach to modernization of its Health Information Technology (HIT) systems.

In providing care to nearly 2.2 million American Indian and Alaska Native people nationwide, many IHS direct, Tribal and Urban sites (I/T/U) are aided by a comprehensive HIT system – the Resource and Patient Management System (RPMS). Others have opted to assume funding shares and purchase Commercial Off-The-Shelf (COTS) solutions.

This project is anticipated to be the first step of a multi-faceted project. This first phase aims to evaluate the current state of HIT across the I/T/U and identify alternatives to aid HHS, IHS, and tribal leaders in their future HIT decisions.

HHS ORG CHART



Denotes Key Stakeholders directly influenced and/or impacted by the project.

PROJECT OBJECTIVE

This project is designed to help answer the question,

“What is the most appropriate next step in HIT modernization for IHS?”

By utilizing internal and external expertise informed by tribal leadership, we will identify and evaluate HIT solution options and provide guidance to IHS, HHS, and tribal leaders on next steps in the modernization process.

TEAM OVERVIEW

- Department of Health and Human Services, *Office of the CTO*
- Indian Health Service (IHS)
- Office of the National Coordinator (ONC)
- Tribal Partners
- Site Personnel
- Emerging Sun, LLC
- Pistis, LLC
- Regenstrief Institute
- & Partners

GUIDING PRINCIPLES

RESPECT

Honor and respect Tribal communities and stakeholders.

PEOPLE - CENTERED

Leverage a human-centered design framework to determine what's most important to users.

IMPACTFUL

Impactful decision making, community serving, evidence based, and incorporating a rigorous, repeatable process.

DATA- DRIVEN

Analyze data collected in the field and through other IHS resources to inform decision making.



PROJECT WORKSTREAMS

Workstream	Objectives
Site Visits	Qualitative Analysis: Personnel and Processes at 20-30 sites; End-user experience and impact of HIT systems on clinical care and performance.
Data Call	Quantitative Analysis: Questionnaire sent to hundreds of sites; results summarized and shared with project stakeholders.
Literature Review	Academic: Review publications about HIT use in resource-constrained area; summarize results and distribute findings to project stakeholders.
Legacy Assessment	Assess and evaluate current state of RPMS HIT in use at I/T/U sites; review MUMPS-code and cache. Summarize potential opportunities, implications, and requirements for modernization of RPMS.
Technical Advisory Commission (TAC)	Review all workstream data to produce recommendations for IHS EHR modernization to IHS leadership and relevant stakeholders selected by IHS and HHS leadership. Analyze technical review results and provide recommendations for future RPMS-EHR activities.
Community of Practice (COP)	Establish and provide a forum for personal and professional development around the effective use of EHRs in clinical- and community-based settings.
HIMSS	Create and deliver reports on the system-wide EMRAM/O-EMRAM assessments for HHS OCTO and IHS leadership. Facilitate an IHS-focused meeting and workgroup at the HIMSS 2019 Annual Conference.
Communications	Work directly with IHS Public Affairs and other experts to create, review, and facilitate project communications to internal and external stakeholders.

PROJECT WORKSTREAMS

Workstream	Objectives
Site Visits In Process	Qualitative Analysis: Personnel and Processes at 20-30 sites; End-user experience and impact of HIT systems on clinical care and performance.
Data Call (done)	Quantitative Analysis: Questionnaire sent to hundreds of sites; results summarized and shared with project stakeholders.
Literature Review(in process)	Academic: Review publications about HIT use in resource-constrained area; summarize results and distribute findings to project stakeholders.
Legacy Assessment (done)	Assess and evaluate current state of RPMS HIT in use at I/T/U sites; review MUMPS-code and cache. Summarize potential opportunities, implications, and requirements for modernization of RPMS.
Technical Advisory Commission (TAC)	Review all workstream data to produce recommendations for IHS EHR modernization to IHS leadership and relevant stakeholders selected by IHS and HHS leadership. Analyze technical review results and provide recommendations for future RPMS-EHR activities.
Community of Practice (COP)	Establish and provide a forum for personal and professional development around the effective use of EHRs in clinical- and community-based settings.
HIMSS	Create and deliver reports on the system-wide EMRAM/O-EMRAM assessments for HHS OCTO and IHS leadership. Facilitate an IHS-focused meeting and workgroup at the HIMSS 2019 Annual Conference.
Communications	Work directly with IHS Public Affairs and other experts to create, review, and facilitate project communications to internal and external stakeholders.

I/T/U PARTICIPATION

Capturing and incorporating the voice of all stakeholders is vital to the success of the HHS // IHS HIT Modernization Project. The I/T/U community will have the opportunity to engage in the following ways:

Participate in
HIMSS Activities

Participate in
Subject-specific
Focus Sessions

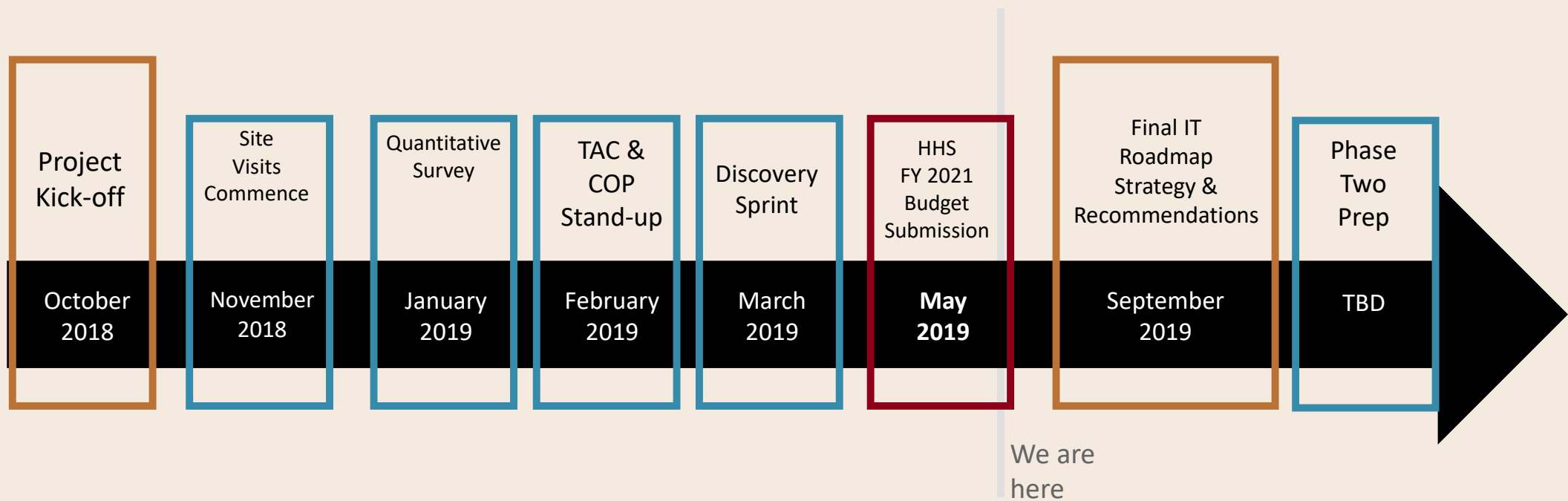


Representation on
Technical Advisory
Commission

Complete Data Call
Questionnaire

Participate in
Site Visits

PHASE ONE TIMELINE



SITE VISIT GOALS

- Explore what HIT Modernization means from the user perspective.
- Gain field-level insights into:
 - People
 - Processes
 - Technology

LISTENING SESSIONS

1. What does wellness for your Tribal community look like and what role does technology and the EHR play in it?
2. What does a modernized system look like to you?
3. What steps would you recommend HHS/IHS take as they move towards modernization?



Feedback/Comments/Questions

HITMODERNIZATION@EMERGING SUN.COM



Project Website

IHS.GOV/HIT