

An Overview of HRSA's Health IT Portal and Toolbox: TA Resources

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Health Resources and Services Administration
Office of Planning, Analysis, & Evaluation
Office of Health Information Technology and
Quality



HIT is.....

- **Health Information Technology is the use of information and communication technology in health care. Health Information Technology can include:**
 - electronic health or medical records
 - personal health records
 - e-mail communication
 - clinical alerts and reminders
 - computerized decision support systems
 - hand-held devices
 - other technologies that store, protect, retrieve and transfer clinical, administrative, and financial information electronically within health care settings.
- HHS/HRSA/Health Information Technology

HRSA HIT Technical Assistance Resources

- HRSA Health IT Community Portal
- HIT Toolboxes
- HIT Webinars
- HIT Workshops

HRSA Health IT Community Portal

- HRSA Health HIT Community Portal
 - Developed in collaboration with the AHRQ National Resource Center for Health IT (NRC)
 - Designed to provide news, tools, and access to research for HRSA's safety net providers interested in health IT.
 - Includes a searchable internet database that contains literature articles about the costs and/or benefits of health information technology
 - Request log on password: healthit@hrsa.gov
 - Log in to the Portal: <http://healthit.ahrq.gov/login>

HIT TA Toolboxes/Modules

- Overview on why we create toolboxes
 - Current Toolboxes
 - Health IT Adoption Toolbox
 - Health IT for Children Toolbox
 - Rural Health IT Adoption Toolbox
 - Telehealth Toolbox
 - Upcoming Toolboxes
 - HIV/AIDS and HIT Toolbox
 - Upcoming Modules for the Health IT Adoption Toolbox
 - Meaningful Use
 - Quality through HIT
 - Network Development
 - Workforce module
 - e-prescribing

Introduction to HRSA's Health IT Adoption Toolbox

- A compilation of planning, implementation and evaluation resources
- Helps community health centers (CHCs), other safety net and ambulatory providers implement health IT applications
- Organized to support needs of stakeholders ranging from senior management to the staff implementing health information systems
- Various stakeholders in the health IT arena have reviewed and contributed to the toolbox to ensure accurate, relevant, and effective in supporting health IT in health centers
- Toolbox can be accessed at: <http://healthit.ahrq.gov/toolbox>

Topic-specific Modules

The toolbox is organized into the following 13 modules:

- Introduction to Health IT
- Getting Started
- Opportunities for Collaboration
- Project Management and Oversight
- Planning for Technology Implementation
- Organizational Change Management and Training
- System Implementation
- Evaluating, Optimizing, and Sustaining
- Advanced Topics
- Open Source and Public Domain Software
- Personal Health Records
- Privacy and Security
- Electronic prescribing

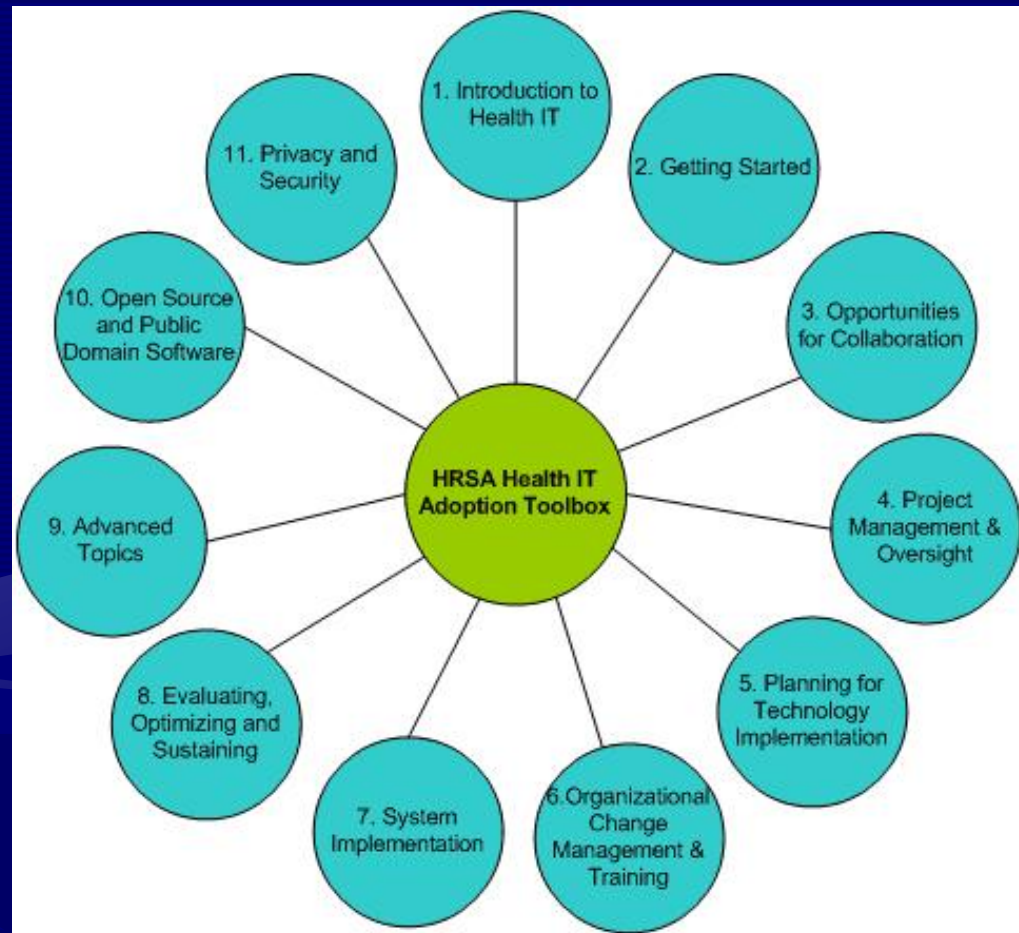
Covers the life cycle of a typical health IT implementation project

Each module contains various resources including sample project documentation and white papers


Question-and-answer framework is designed to help users find the information they need at various phases of a health IT implementation project

Components of Health IT Adoption

- The components of Health IT adoption addressed by the toolbox include needs assessment, planning and financing, implementation, maintenance and evaluation, open source, and privacy and security



Toolbox Landing Page



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AHRQ Agency for Healthcare Research and Quality
Advancing Excellence in Health Care

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AHRQ NATIONAL RESOURCE CENTER **HEALTH INFORMATION TECHNOLOGY** **HRSA** Health IT Community

Health IT Adoption Toolbox





- About the Toolbox
- Introduction to Health IT
- Getting Started
- Opportunities for Collaboration
- Project Management and Oversight
- Planning for Technology Implementation
- Organizational Change Management and Training
- System Implementation
- Evaluating, Optimizing and Sustaining
- Advanced Topics
- Open Source and Public Domain Software
- Privacy and Security

Related Link

» [AHRQ-NRC Home](#)

Welcome to the Health IT Adoption Toolbox, developed by the Health Resources and Services Administration's (HRSA's) Office of Health Information Technology (OHIT). This resource is meant to serve health centers as well as other safety net and ambulatory care providers seeking to implement health IT to improve the overall effectiveness of their institutions. We have organized this resource in a question-and-answer format and have attempted to compile a range of resources relevant to all stages of considering, planning, executing, and evaluating the implementation of health IT. In addition, we have included publicly available resources as well as resources developed by HRSA explicitly for this Toolbox.

Health IT Adoption Toolbox Modules

-  **1. Introduction to Health IT**
This module provides a definition of health IT, the Federal Government's vision for it, and the benefits of health IT implementation.
-  **2. Getting Started**
This module addresses goals and objectives for health IT adoption and other startup concerns, such as quality improvement, readiness assessment, staffing, feasibility analysis, and strategies for financing health IT.
-  **6. Organizational Change Management and Training**
This module provides insights into obtaining stakeholder and management support for health IT adoption as well as developing and implementing training plans and strategies.
-  **7. System Implementation**
This module provides information on the various steps involved with system implementation including performing a detailed workflow analysis, testing, revising policies and procedures, acquiring the appropriate go-live support, and ensuring proper data backup and redundancy mechanisms are in place.

Search the Toolbox

Plug-in or Viewer

If you have trouble viewing/downloading files from the toolbox; please select the appropriate plug-in or viewer.

- [Acrobat Reader](#)
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Toolbox Navigation

- Two ways to navigate in the Toolbox
 - Left Menu Bar - This Menu is present throughout the Toolbox, helping users to find their way around and back to the Main Page
 - Modules listed on the centre of Main Page

Health IT Adoption Toolbox
About the Toolbox
Introduction to Health IT
Getting Started
Opportunities for Collaboration
Project Management and Oversight
Planning for Technology Implementation
Organizational Change Management and Training
System Implementation
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Open Source and Public Domain Software
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Health IT Adoption Toolbox Modules

	➔ 1. <u>Introduction to Health IT</u>		➔ 6. <u>Organizational Change Management and Training</u>
<p>This module provides a definition of health IT, the Federal Government's vision for it, and the benefits of health IT implementation.</p>		<p>This module provides insights into obtaining stakeholder and management support for health IT adoption as well as developing and implementing training plans and strategies.</p>	
	➔ 2. <u>Getting Started</u>		➔ 7. <u>System Implementation</u>
<p>This module addresses goals and objectives for health IT adoption and other startup concerns, such as quality improvement, readiness assessment, staffing, feasibility analysis, and strategies for financing health IT.</p>		<p>This module provides information on the various steps involved with system implementation including performing a detailed workflow analysis, testing, revising policies and procedures, acquiring the appropriate go-live support, and ensuring proper data</p>	

Navigating the Toolbox – Introduction Module

Health IT Adoption Toolbox Modules



1. Introduction to Health IT

This module provides a definition of health IT, the Federal Government's vision for it, and the benefits of health IT implementation.



6. Organizational Change Management and Training

This module provides insights into obtaining stakeholder and management support for health IT adoption as well as developing and implementing training plans and strategies.



INTRODUCTION TO HEALTH IT

The area of health IT is a dynamic environment with the constant introduction of new Federal initiatives, innovative technologies, new standards and organizations. This module provides a general introduction to the current health IT landscape. Included is an overview of both HRSA-specific and other Federal IT initiatives. The module also provides primers on different health IT technologies and resources describing the potential benefits of the use of technology in the delivery of patient care.

This module addresses health IT adoption strategies for financial assessment, stakeholder assessment, and strategies for financial

Introduction to Health IT

- » [What is health IT?](#)
- » [Why implement health IT?](#)
- » [What is HRSA's vision for health IT?](#)
- » [What is the Federal vision for health IT?](#)

Why implement health IT?

Recent research demonstrates that increased use of information technology is an important step in improving quality of care and patient safety. The recent focus on health IT adoption was jump-started by the Institutes of Medicine 1999 report on patient safety entitled, [To Err is Human: Building a Safer Health System](#), that highlighted improved use of computerized applications as a core strategy for improving safety and quality of the health care system. The [Agency for Health Research and Quality \(AHRQ\)](#) funded the [National Resource Center for Health IT \(NRC\)](#) in 2004 and approximately \$166 million in health IT projects throughout the United States. HRSA has supported the health centers, other safety net providers and ambulatory care providers adoption of health IT since the 1980's through various grant programs ranging from operational funding to dedicated EHR implementation funding.

Despite its potential advantages for efficiency and quality, the adoption of health IT has proceeded slowly, particularly among health centers, other safety net providers and ambulatory care providers documented by a recent publication of the National Association of Community Health Centers, [Electronic Health Information Among Community Health Centers: Adoption and Barriers](#). Reasons for this include lack of skilled resources, budget constraints, poor project management and the challenges associated with change management.

Navigating the Toolbox – Open Source Module



➔ 10. Open Source and Public Domain Software



This module provides an introduction to open source and public domain software solutions and addresses questions related to the systems selection, technical requirements, and implementation sites that a

OPEN SOURCE AND PUBLIC DOMAIN SOFTWARE



This module
EHR system

- » [Getting Started to Public Domain and Open Source](#)
- » [Planning for Technology Implementation - Public Domain and Open Source](#)
- » [Introduction to Open Source and Public Domain Software](#)
- » [Project Management and Oversight - Managing Open Source Projects](#)
- » [Training - Open Source and Public Domain Software](#)

» [System Implementation - Vista and RPMS Implementation](#)

- » [Opportunities](#)
- » [Advanced](#)
- » [Evaluating](#)

» What resources? **What is the best model for deployment of an Open Source System?**

» How do I enroll? Deploying any EHR is a difficult process. Below are some key components to consider for the demonstration project which are broadly applicable for Health Center & Ambulatory Services.

» What are the

» How will an (

» **What is the**

» How is the d

» How do I ma

- Make use of the VA documentation and protocols
- Hire a person to the Clinical Applications Coordinator position early
- Involve the end users early on through work groups
- Enlist support of a WorldVista Community member
- Consider a decentralized network approach

Resources:

[VHA Protocols and Guides](#)

[CPRS Setup Manual \(PDF - 1.58 MB\)](#)

[VHA eHealth University web site](#)

[Model for Deployment \(Word - 37 KB\)](#)

Search Functionality

- The Search feature on the Toolbox allows users to search for resources available on the entire Health IT Adoption Toolbox

The screenshot displays the AHRQ National Resource Center website. At the top, there is a navigation bar with the U.S. Department of Health & Human Services logo and the URL www.hhs.gov. Below this is the AHRQ logo and the text "Agency for Healthcare Research and Quality" with the tagline "Advancing Excellence in Health Care". A search bar is located in the top right corner with a "Go" button. The main navigation menu includes links for Health IT Home, AHRQ, Questions?, Contact Us, Site Map, What's New, Browse, Print, and E-mail Updates. The left sidebar contains a "Health IT Adoption Toolbox" menu with various categories. The main content area features a "HEALTH INFORMATION TECHNOLOGY" banner and a "Search the Toolbox" box, which is circled in red. Below the banner, there is a welcome message and a section titled "Health IT Adoption Toolbox Modules" with four modules: 1. Introduction to Health IT, 2. Getting Started, 6. Organizational Change Management and Training, and 7. System Implementation. The right sidebar includes a "Plug-in or Viewer" section with links for Acrobat Reader, MS Word Plug-in, MS Excel Plug-in, and MS PowerPoint Plug-in, and a "Stay Informed" section with links for Subscribe to Updates and Feedback/Suggestions.

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Search the Toolbox

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Related Link

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HRSA HIT Webinars

- Webinars
 - HRSA holds monthly webinars on various HIT-specific topics
 - Webinars are all archived on the HRSA Health IT Portal: <http://healthit.ahrq.gov/login>
 - A password and log in is required to access the portal. To obtain this, email the request to healthit@hrsa.gov

HRSA HIT Webinars

- Over 3,500 HRSA grantees and staff have participated in a wide range of webinars including:
 - HIT 101
 - Important Factors to Consider When Selecting an EHR System
 - Collaboration (How do I collaborate with networks, other groups, state entities, etc.)
 - Telehealth 101
 - Financing HIT
 - Readiness Assessments for HIT
 - HIT for Special Populations
 - Using EHRs to Drive Quality Improvement
 - Personal Health Records

One to One TA

- Consultation with HRSA OHITQ Staff
- Peer-to-peer technical assistance to obtain TA from an experienced peer in HIT.
- Consultant technical assistance to obtain TA from an experienced consultant in HIT.

HIT Workshops

- OHITQ partners with Health Center Controlled Networks and other HRSA grantees who have implemented HIT to provide regional workshops around the country to foster learning and network development among HRSA grantees who have not implemented HIT.

Questions?

For any questions about OHIT, the Toolbox, or to request a password to access the HRSA Health IT Portal, please send an email to healthit@hrsa.gov