# WorldVistA EHR Overview and Status

VistA Community Meeting, Midland Texas, January 2007

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# **Agenda**

- Brief history and background
- WorldVistA EHR status
- Looking ahead



# WorldVistA EHR Brief History and Background



# Origins of WorldVistA EHR: The VistA Office Project

"Within 90 days, the Secretary of Veterans Affairs and the Secretary of Defense shall jointly report on the approaches the Departments could take to work more actively with the private sector to make their health information systems available as an affordable option for providers in rural and medically underserved communities."

President Bush's Executive Order – April 27, 2004



### **VistA Office Project Objectives**

- Adapt VistA to create a universally affordable, high quality EHR
- Beta test VOE
- Conduct Independent Evaluation
- Address CCHIT EHR certification standards



## Why VistA was Selected

Proven to Improve Care
Proven to Reduce Costs
Evidenced Based
Standards Based



### VistA – Recognized Excellence

- Institute of Medicine (IOM) noted "VA's integrated health information system, including its framework for using performance measures to improve quality, is considered one of the best in the nation."
- Harvard Innovations in Government Award for Health Information Technology at the US Department of Veterans Affairs (VistA) – July 2006
- RAND Criteria study VA outperforms the all other sectors of American Healthcare – Annals Internal Medicine December 2004
- The Best Medical Care In The U.S: How Veterans Affairs transformed itself - Arnst, Business Week July 17, 2006
- How the VA Became the Best TIME Jan. 2006
- Best Care Anywhere Longman PoliPointPress 2007

'The Centerpeice of VA's Sucess is VistA."

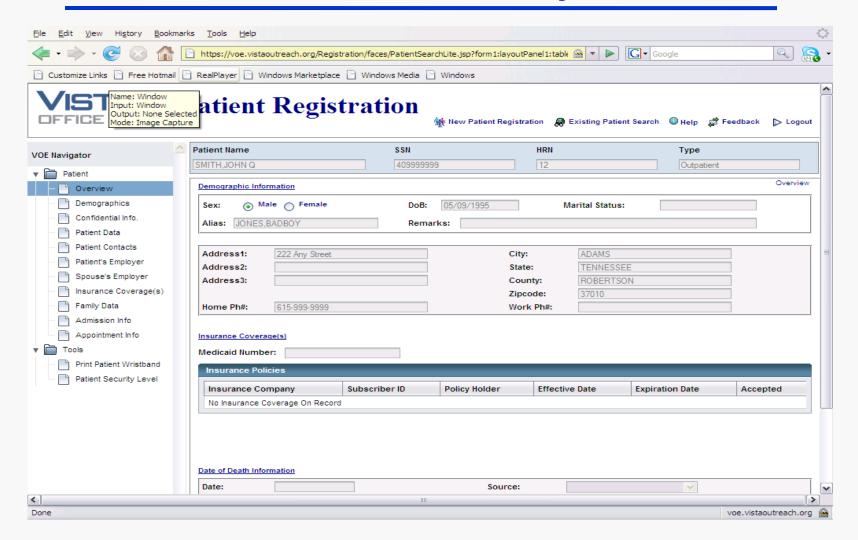


## **VOE Project Modifications to VistA**

- Added ability to choose registration that is not veteran specific.
- Provide unique patient record identifier and remove the necessity of using the social security number for all patients
- Added other options for patient lookup.
- GUI registration.
- Document scanning without the need to use all of the VistA Imaging package
- Enhancements for reporting patients to disease registries.
- Numerous new Clinical Reminders.
- Prescription finishing so that prescriptions can be printed or faxed to a local pharmacy
- Use of an open source interface engine
- DOQ-IT reporting.



# GUI Registration is Browser Based using Web Services, Java & EsiObjects





#### WorldVistA EHR Certification

- VistA Office contract completed March 2007
- WorldVistA submits WorldVistA EHR to CCHIT certification
- Certification criteria:
  - functionality,
  - security,
  - interoperability
- Certification process:
  - Self-attestation,
  - Testing
- Achieved CCHIT EHR Certification, 2006 Ambulatory Care in April



# WorldVistA EHR Current Status



## **Business Plan Highlights**

#### Objectives:

- Open source model
- Maintain and enhance CCHIT certification
- Generate revenue for sustainability

#### **Key Initiatives:**

- Release of software as open source
- Subscription services:
  - Updates, improvements
  - Levels of support
- Certified software distribution
  - Adds some new responsibilities
- Training
  - Spring RMU was first iteration



#### **Current Status**

- Developed CCHIT/Open Source friendly end user agreement
  - Reviewed by CCHIT
  - Reviewed by WorldVistA lawyers
- AMA CPT codes
- Correct SAC non-compliant code in FOIA VistA patch stream
- Applied all patches up to Fall of 2007
- Initiating gap analysis of 2007 CCHIT criteria



# **Looking Ahead**



### **Looking Ahead**

- Mimic VA quality improvement ecosystem
  - Establish, evidence based peer review of knowledge and software
  - Establish feedback loop with "business intelligence" factory
- Establish innovative approaches to:
  - Lower cost of implementation and training through collaboration
  - Ensure consistent high quality
  - Establish and reinforce the "cooperative ecosystem" to foster evidence based improvement
- Open source collaboration
  - Establishing the context: projects and tools
  - Setting expectations



# Thank you!

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