



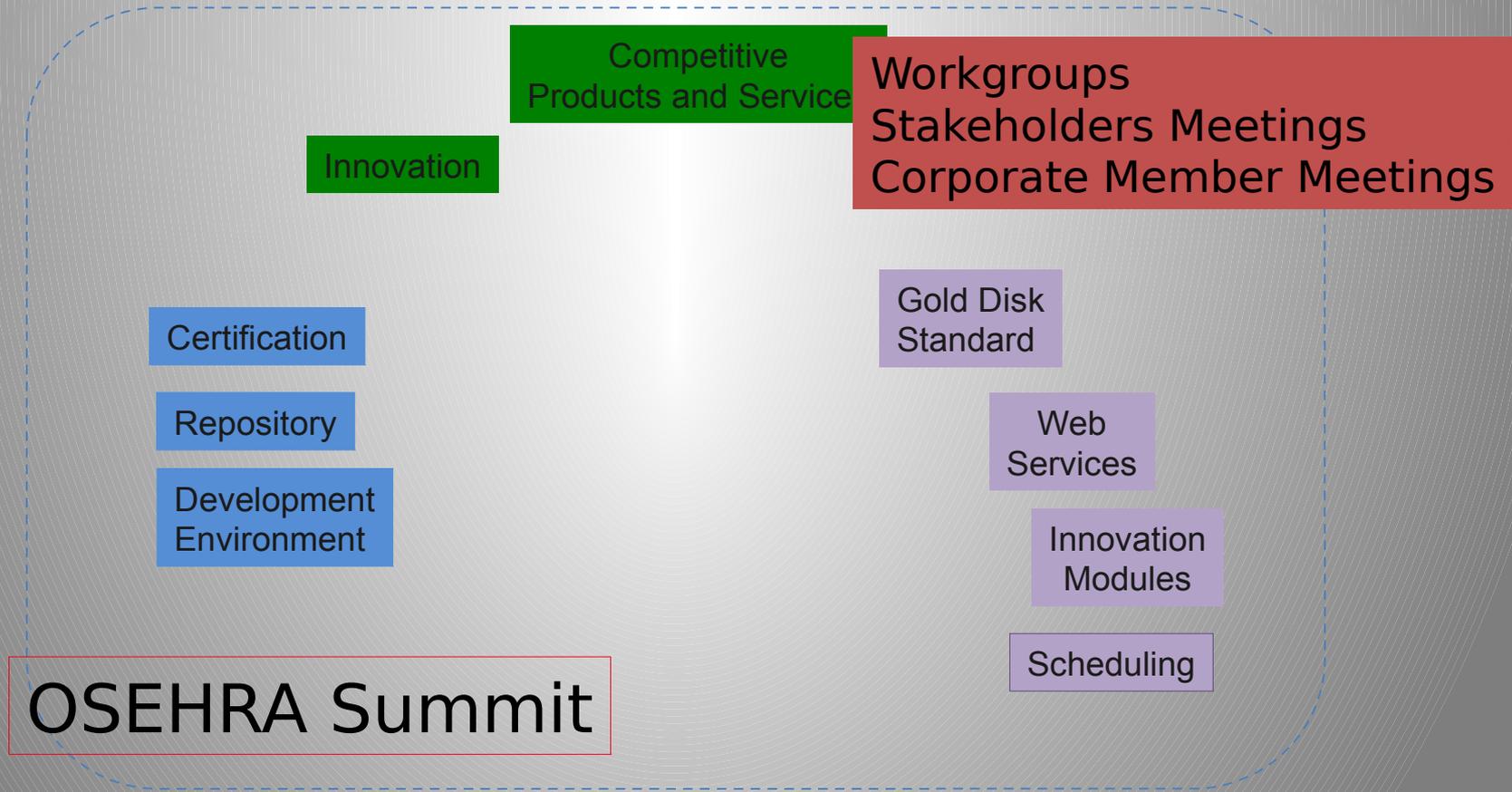
# Maximizing the Value

## Second Year Strategy

Seong K. Mun, PhD  
President and CEO  
OSEHRA  
Arlington, VA



# OS Community In Operation-2012



# OSEHRA At a Glance- Stats

- Independent Organization
- Direct Funding from VA –Base Year and Option
- Long Term Business Model – Highest Level Leadership
- Workgroups: 18 Growing
- Individual Members: 2118
- Code Contributions: 19
- VHA Class III Pipeline: 3657 (36 Approved)
- Scheduling Contest Support Contract

# OSEHRA Corporate Forum

## Government

- ☐ Mike O'Neill - VA

### OSEHRA Key Personnel

- ☐ Seong K. Mun-CEO
- ☐ Cat Lasome-COO
- ☐ Don Hewitt-VP
- ☐ Conrad Clyburn-Liaison

## Industry

- ☐ AEGIS.NET
  - Mario Hyland
- ☐ DSS
  - Fabian Lopez
- ☐ InterSystems
  - Ron Sullivan
- ☐ Medsphere
  - Edmund Billings
- ☐ Northrop Grumman
  - Steward Lewis
- Non-Profits
- ☐ Oroville Hospital
  - Robert Wentz
- ☐ Mitre
  - Gabe Galvan

drupaltest2.osehra.org

**Welcome to OSEHRA**  
OSEHRA supports an open, collaborative community of users, developers, and companies engaged in advancing electronic health record software and health information technology.

Already a Member? **Login**  
Not a Member? **Join OSEHRA**

**DEVELOPERS**

- Code Repository
- Architecture Reference
- Technical Journal
- Dashboard
- Code Review
- Bug Tracking

**CLINICIANS**

- Genomics
- Imaging
- Patient-Centered Care and Portability
- Clinical Community

**CORPORATE**

- Corporate Membership
- Commercialization and Partnership

**Presentations from the 2012 Summit Conference!**

- Members - Click here for proceedings.

**Explore and get involved!**

- About OSEHRA
- Read OSEHRA Blogs and Discussions
- Join OSEHRA groups
- Understand the Certification Process
- Contribute code to OSEHRA
- Track open source development activities
- Learn about open source development projects

**OSEHRA Calendar**

OSEHRA Code Convergence Meeting  
Thursday 19th of January 2013 - 02:00 PM  
MDM's Web Service Working Group  
Friday 11th of January 2013 - 12:30 PM  
Patient Centered Care Working Group  
Wednesday 16th of January 2013 - 01:00 PM  
[See More](#)

**News & Featured Posts**

Vista-based open source web services  
Posted: 30 Nov 2012 - 12:50 GMT  
by chris.uyehara

Useful resource - The Standards Hub  
Posted: 30 Nov 2012 - 10:18 GMT  
by jensen

Background Research: Health Care Service Iconography: Advancing Medical Record Lucidity Through Intelligent Iconography  
Posted: 28 Nov 2012 - 9:35 GMT  
by Chris Goranson

Orville Hospital

INTERSYSTEMS

# Gold Disk Launch

## Applications (What's In and Out?)

1. **Generic Code Sheet** - GECS
2. **Wounded Warrior** - WII -
3. **MRSA** -
4. **Care Management** - ORRC -
5. **RPC Broker** - XWBCAGNT -
6. **Electronic Signature** - XOBE -
7. **Help Processor** - XQH -
8. **Capacity Management** -
9. **Capacity Management Tools**

10 **AGG Project**

11 **Capacity Management-RUM**

12 **Unwinder**

13 **ISTALINK**

14 **Web Services Client**

- **Fileman**
- **Voluntary Timekeeping (no longer used)**
- **Taskman**
- **Community Resource Model**
- **Social Work**
- **Event Driven Reporting**
- **Patient Assessment Document**

7 pilot Sites  
Expand to All Sites  
10-1 became  
Permanent

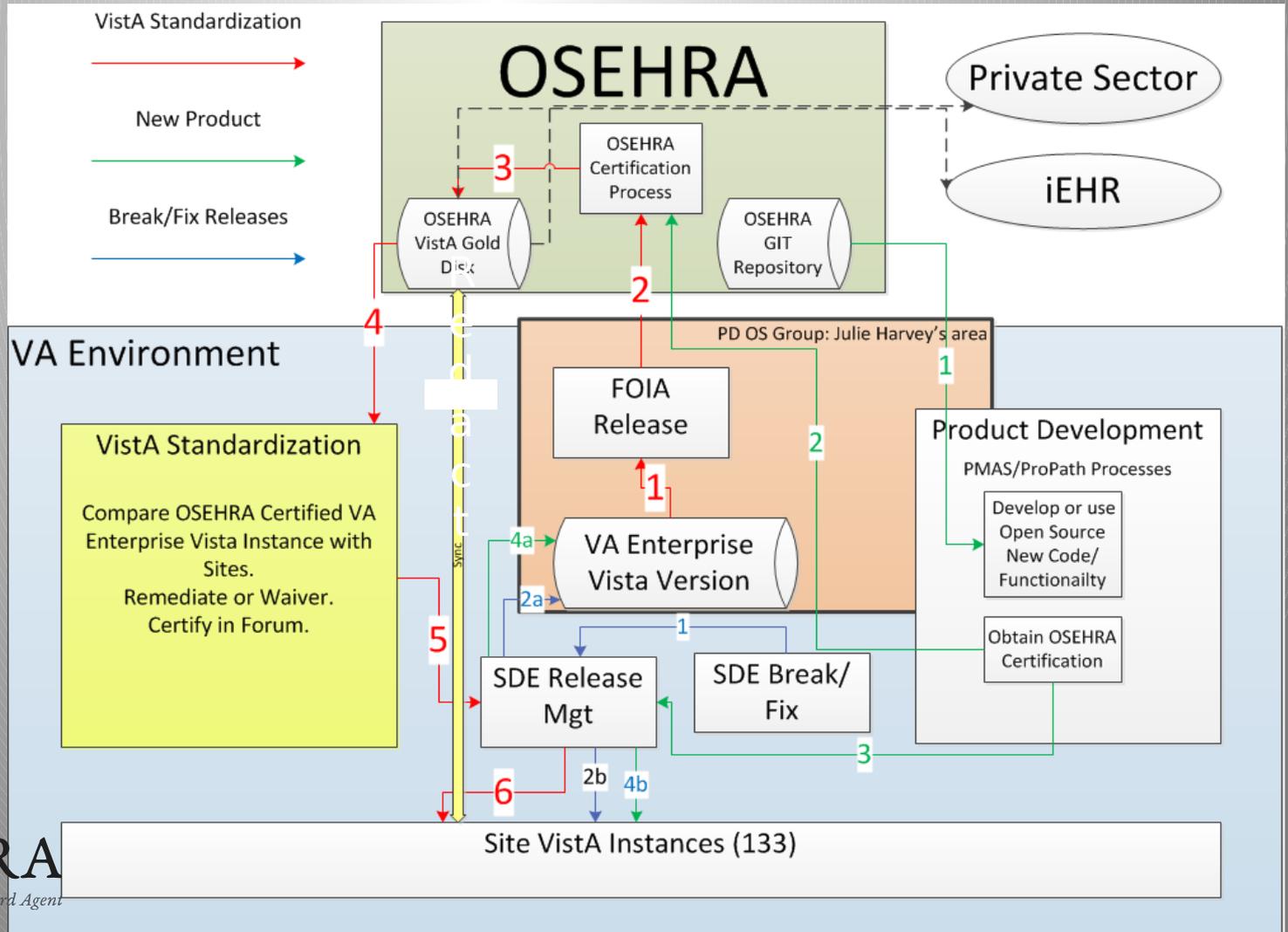
# VistA Code Standardization

(OSEHRA Perspective Only)

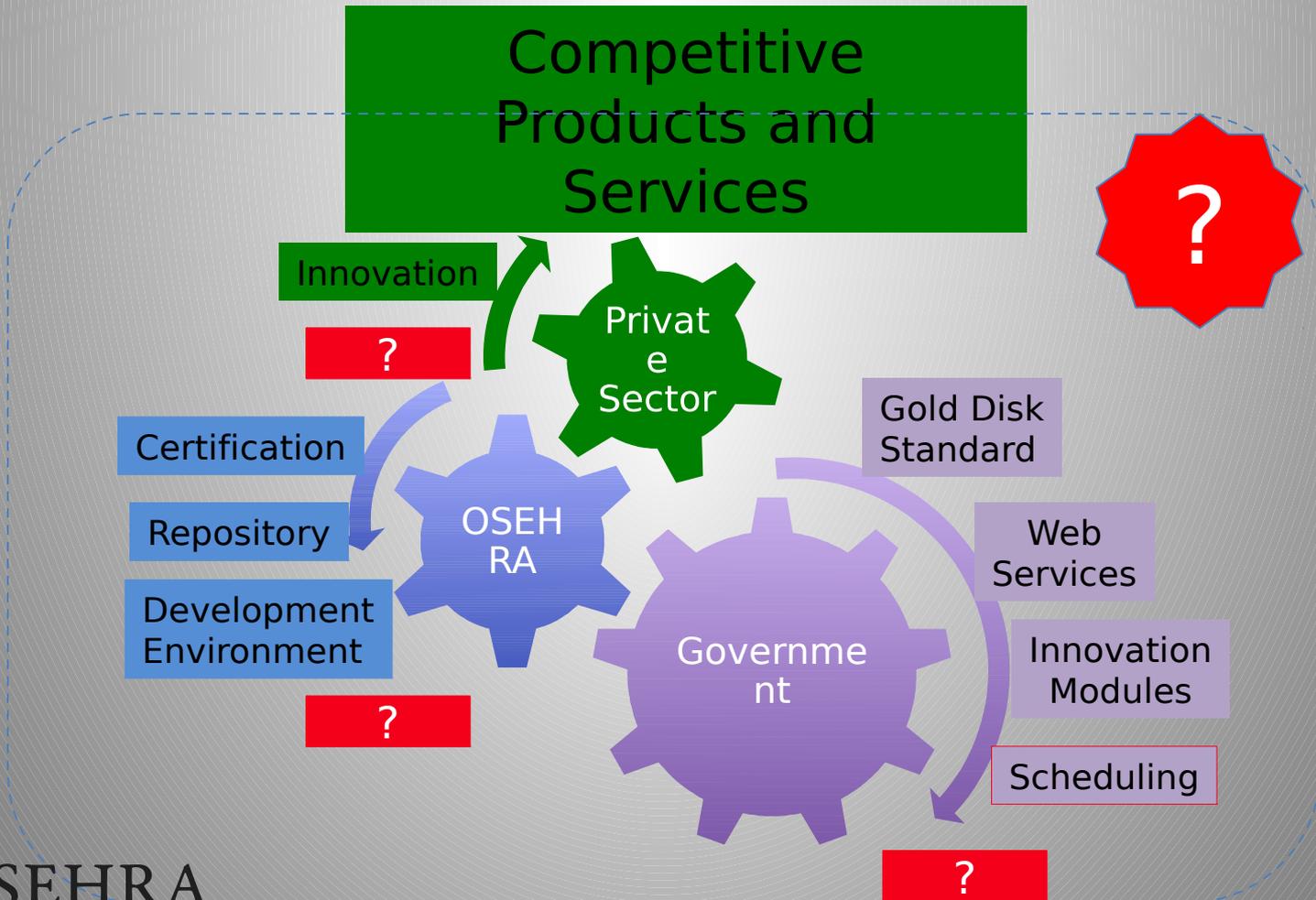
- Tiger Team Completed their Work
- 13 Products-National Deployment (126 sites)
- Wave 1: 20 Products National By July 2013
- Wave 2: # Products National By Dec 2013
- ....
- Wave 8: by End of 2016

Strategic Objective Met: Institutionalize OS Operations

# Vista Standardization VA Workflow - Notional



# Growing Value Proposition Targets-Priorities-Implement



# OSEHRA Vision

Health IT Market 2018

Health IT Market 2013



# Comparison Analysis

## VistA Based Open Source

What do we have?

What do we not have?

- A
- B
- C
- D
- E

## Proprietary EHR's

What do they have?

What do they not have?

- A
- B
- C
- D
- E

What is our strategy?

What is our priority? What is our approach?

Collective Team Effort Required

# Two Excellent Reports: VistA Modernization Strategy

## VistA Modernization Report

### Legacy to Leadership

- Open Source and Open Standards for the reengineering of VistA
- Aggressive Stabilization Program
- Establish Open Source Ecosystem
  - OS, Open Standards Operating environment
  - OS, Open Standards Application Development environment
  - **Remove excess hyphens**

## VistA Ecosystems

### Current Status and Future Direction

- Review of 4 existing ecosystems - pre-OSEHRA
- Architecture of the Ecosystem
  1. **Technical Platform**
  2. Governance Regime
  3. Collaborative Infrastructure
  4. **Business Opportunities**

# Technical Architecture (1/2)

- From a business perspective, need for the **appropriate incentives**:
  - **VA** performs or directs the vast majority of platform maintenance and enhancement.
  - **Vendors** will provide small, focused platform enhancements for free.
  - **Vendors** will provide the bulk of application development, enhancement, and maintenance for a free distribution.
  - **VA** will fund application enhancements required by VA, and release the enhanced versions to the ecosystem.

# Technical Architecture (2/2)

- Key choices about the structure of the community and the role of VA are:
  - **VA**: Will the VA commit to full participation in the ecosystem, and adopt an ecosystem-based software strategy?
  - **Community**: Will the community continue to maintain several distributions or will it rally around a single distribution with uniform or compatible licenses?

# Technical Characteristics of the OS Platform

- Will a platform be “cored” from Vista?
  - What will it include?
- What API’s will be defined and developed?
  - What functionality be exposed to each?
  - In what specific way will the API make the functionality available?
- Which open version be included in the functionality?
- What level of dependency to proprietary code?

# October 2011 O'Reilly Blog

## By Fred Trotter

- Reconcile the KIDS process with a Version Control system
- Distributed Version Control System (DVCS)

replacing current practice of Class 1/2/3

- Launched Source KIDS for Version Control

# Path 4: Business Opportunities

Limitations to compete larger projects

- How to scale up VistA organization?
- Where are the major VA contractors in OS Space?
- Who will stand behind OS?
- How to erase the perception: “hobby shops”?
- How to go after large scale projects?
- What should the community do?
- Participation needed for expertise directory.

# Action Items for Product Management

What is our strategy?

- What is our Priority?
- What is our approach?
- Collective Team Effort Required
  - Schedule/Timing
- Actions Items and Owners?

# Summary

- Community is coming together and becoming productive.
- VA Bureaucracy has been responsive.
- Focus on Maximizing the Value of OS Products/Community
- Strategy for OSEHRA Product Roadmap- product management-development and release management in harmony with VA
- Improving the perception of community capability
- VA will remain responsive and **become more responsive.**
- Community deserves congratulations.



**OSEHRA Thanks you.**