

OSEHRA Interoperability Work Group (OSEHRA IWG)

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Logistics

- **WebEx Participation:**
<https://osehra.webex.com/osehra/onstage/g.php?t=a&d=668350106>
 - **Dial-In: 1-650-479-3207;**
 - **Access Code: 668 350 106**

AGENDA

- **Introductions**
- **What is OSEHRA?**
- **Challenges**
- **Define Purpose, Goals and Objectives**
- **Identified Participants**
- **Proposed Approach**
- **Tracking Progress & Issues**
- **Supporting Infrastructure**

OSEHRA

- **Open Source Electronic Health Record Agent**
 - "Build and support an open source community of users, developers, service providers, and researchers engaged in advancing electronic health record software and related health information technology."

Why Open Source?

- A viable alternative to Vendor lock-in.
- Maximizing the rate of EHR innovation means engaging the best minds in government, industry, and academia.
- Developers must be comfortable contributing their innovations and users must be comfortable relying on the software to run their enterprise.
- A well-constructed open source model provides the relationship between developers, users, vendors, service providers and their customers and provides the infrastructure for their efficient interaction.
- Open Source is not FREE*

Challenges

- **Participants and Systems Not Ready to Test**
 - Basic Connectivity and Demonstration
 - Operationally ready for full Interoperability
- **Understanding the Requirements and Specifications**
 - Test Cases built in conjunction with specifications
 - Test Cases include both “Happy Path” and “Negative Exception handling”.
- **Common Understanding of Interoperability with Actionable Results**
 - Testing Internally
 - What is sufficient testing
- **Adoption of Common Standards and Terminologies**
 - What are the commonly recognized SDOs to Follow?
- **Certification programs**
 - What do they (try to) deliver

Meeting the Interoperability Challenge: HIE Requirements*

- **Common Definition of Interoperability ([IEEE](#))**
 - ✓ 'Interoperability' must have the same meaning to disparate organizations
- **Syntactic Interoperability**
 - ✓ Messages are formatted for compatibility and successfully move from system A to system B
- **Semantic Interoperability**
 - ✓ Data must be represented and have consistent meaning on disparate organizations' systems
- **Continuous Interoperability**
 - ✓ Systems must be able to maintain consistent and continuous interoperability with other organizations

Purpose

- The OSEHRA Interoperability Work Group (OSEHRA IWG) is aimed at promoting the importance of continuous interoperability and information exchange testing within the Health IT industry.
- The IWG will mobilize the community to participate in the building and advancing of Operational Open Source interoperability solutions.

Proposed Goals

- **Publish thought leadership pieces**
- **Participate in speaking engagements**
- **Contribute content to the OSEHRA public comment platform**
- **Captures User Experiences and Technical Challenges**
- **Support Rapid Integration of Standards**
- **Influence technology, public policy, laws and regulations**
- **Develop resources, tools and test labs**

Proposed Objectives

- **Support Automated Platform for Test Case Execution**
- **Document Best Practices for Audits and Work Flow Lifecycle of Testing**
- **Supports an Environment for Re-Use of Testing Tools/Test Cases**
- **Promotion Beyond “Happy Path Testing (peer-to-peer), ensure Negative Testing”**
- **Promote Industry Reporting Metrics**

Interested Participants



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A E G I S



Tracking Progress & Issues



Supporting Infrastructure


- **How do I join the IWG and OSEHRA?**
- **To join the IWG community**
 - <http://www.osehra.org/content/interoperability-work-group>
- **To join OSEHRA as an Associate Member**
 - <https://www.osehra.org/index.php?q=civicrm/contribute/transact&reset=1&id=3>
 - Annual Dues: None
 - Benefits:
 - Interact with the community via the OSEHRA website.
 - Participate in discussion groups and working groups.

Meeting Frequency

- **Call Coordinates available through OSEHRA site.**
- **Meeting Schedule: Please Complete Survey.**
 - **At least 1 representative from each major participant**
 - **Survey Available at:**
<http://doodle.com/6wvkahzUU4nGR3m5>

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Resource:

OSEHRA IWG Website

<http://www.osehra.org/content/interoperability-work-group>

