

June 29, 2006

Office of the National Coordinator for
Health Information Technology

Nationwide Health Information Network Forum

Session Number: 3.2

**Session Name: Biosurveillance- Connecting Clinical
Systems**

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Discussant: Kelly Cronin, ONC**



U.S. Department of Health and Human Services

Agenda

Introduction

- Process for the Breakout Discussion
- Description of Content Area

Discussion

- Specific Areas of Variation or Need
- New Issues
- Architecture Differences
- Requirements Gaps
- Defining Minimal
- Questions to Consortia

Introduction - Session Process

- Please use microphones during discussions – sessions are being audio recorded
- Handouts
 - Functional Requirements .xls spreadsheet
 - Functional Requirement Input Form
- Focus discussion on this use case area
- Not a review of the entire use case or individual requirements
- Comments with policy implications will be noted and sent to appropriate process for discussion (e.g, HIT Policy Council, etc.)

Introduction - Session Overview

**Session Title
Number**

**3.1 Electronic Health Records-
Laboratory Results**

**3.2 Biosurveillance- Connecting
Clinical Systems**

**3.3 Personal Health Records-
Registration and Medication
History**

**3.4 NHIN Infrastructure-
Crosscutting**

Use Case- Background

Threat of significant natural or man-made health events is critical for the nation

Use case details the need to:

- detect events rapidly
- manage the events
- appropriately mobilize resources to save lives
- electronically report and monitor without identifying patients
- serve to provide a near real-time view of the health of our communities

These data can be shared with and among local, state, and federal public authorities to support shared and unique needs at all levels of government.

Use Case - Broad Area

Implement real-time nationwide public health event monitoring and support rapid response management across public health and care delivery communities and other authorized government agencies.

Use Case - Specific Use Case Area

Transmit essential ambulatory care and emergency department visit, utilization, and lab result data from electronically enabled health care delivery and public health systems in standardized and anonymized format to authorized Public Health Agencies with less than one day lag time.

Discussion – Quick Review of Identified Issues

- Are the requirements specified for complete implementation of this use case?
- What areas outside of NHIN functioning must be advanced for this use to be implemented in an NHIN service?
- What are the requirements for timeliness when a CDO delivers data to the NHIN for biosurveillance? Are the requirements different for specific kinds of data?
- Is there a requirement to be able to correlate anonymized data originating from different care delivery organizations, prior to re-associating the data with patient identifying information?
- What are the timeliness requirements for resolving the pseudo-anonymized links to provide actual patient identity information?
- What requirements exist in the NHIN for conveying data that is not associated with a person (e.g., an animal, a herd, or a locale)?
- Should there be a requirement to support distributing changes in filtering requirements for Biosurveillance electronically through the NHIN?
- If so, what changes should be permissible through this mechanism?
- If so, what architectural considerations and technologies exist, if any, to support electronic distribution of filtering requirements?



Discussion – New Issues

What other issues are there that have not been identified?

Discussion – Specific Areas of Variation or Need

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Discussion – Specific Areas of Variation or Need

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Discussion – Specific Areas of Variation or Need

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Discussion – Specific Areas of Variation or Need

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Discussion – Specific Areas of Variation or Need

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Discussion – Specific Areas of Variation or Need

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Discussion of New Issues Identified

- New Issues

Discussion - Architectural Differences

- Are there significant architectural differences?
- How many architectural alternatives are there?
- What are they?

Discussion - Requirements Gaps

- Are there gaps in the requirements for this use case?

Discussion – Defining Minimal

- Suggest definitions for “minimal” in this use case?

Discussion - Questions to Consortia

- Are there any issues that you would like to “bounce off” the NHIN Consortia Reactor Panel later today?

Agenda Review

Wednesday, June 28 Afternoon

1:30- 3:00 pm	Entity Break Out Sessions
3:00- 3:15 pm	Break
3:15- 4:45 pm	Functional Category Breakout Sessions
4:45 pm	Adjourn

Thursday, June 29 Morning

8:00- 9:00 am	Use Case and NHIN Infrastructure Breakout Sessions
9:00- 9:15 am	Break
9:15- 10:15 am	Plenary Session- NHIN Consortia Architecture Response
10:15- 10:30 am	Break
10:30- 12:30 am	Closing Plenary Presentations to NCVHS and Public Comment

Documents for Reference

General



Functionality
Requirements XLS



NHIN Requirements
Approach

Session Specific



Session 3.2 Specific



Harmonized
Biosurveillance Use Case

Please note: To access embedded documents, please press "esc" key to exit presentation mode