Office of the National Coordinator for Health Information Technology

Initial Community Use Cases

December 12, 2005

U.S. Department of Health and Human Services
Agenda

• Goals for Community Use Cases
• Guidance for Use Case Development
  – Initial Use Case Areas
  – Documents
  – Terminology and Intent
• Schedule
• Questions and Answers
How can the Community Use Cases Help the HIT agenda?

- **Clarity**: provide clear, common descriptions of activities and participants in the health activities associated with a Breakthrough area.

- **Coordination**: one tool in a broader framework to help focus on the realization of Breakthroughs.

- **Communication**: provide a method for written communication across multiple HIT processes.

- **Leverage**: support advancement of work from one process to meet the needs of other parts of the HIT agenda.
What are the Community Use Cases?

- In general, use cases provide a framework for establishing needs:
  - Document processes in a scenario-like form
  - Help define the sequence of events and interactions of participants as they conduct involved activities
  - One tool that is a starting point for a broader process
  - Can be graphical and/or textual in form
  - Help to establish needs for functional requirements
What are the Community Use Cases?

• In terms of the Community Breakthroughs, the use cases are intended to:
  – Detail work processes in a Breakthrough area
  – Serve as a starting point for subsequent discussion and documentation of:
    • acceleration factors
    • obstacles
    • policy needs
    • functional requirements
    • other activities that are part of the national HIT agenda
Community Use Case Process

- Participants helped develop use case template
- Community identifies Breakthrough areas for use cases
- Participants detail draft use cases
- Use cases harmonized and redistributed
- Community review of harmonized use cases
- Use cases serve as tool for supporting HIT processes such as:
  - Community work group discussions
  - NHIN architecture needs
  - HITSP harmonized standards needs
  - CCHIT criteria
  - Security and Privacy considerations
Initial Community Use Case Areas

- Domain: Biosurveillance
  - Use Case Area: emergency room and lab data reporting

- Domain: Consumer empowerment
  - Use Case Area: registration summary and medication history

- Domain: Electronic Health Record
  - Use Case Area: accessing lab results and interpretations
Documents

- Initial Community Use Case Areas
- ONC Guidance for Use Case - Version 2
- ONC Template for Use Case – Version 2
- Initial Community Use Cases Slides
Changes and Critical Issues

- NHIN – Use Case is a “critical artifact” as specified in the contract evaluation criteria
- Visualizations needed
- Conditional linking, Call outs, Alternative Flows
- Hierarchy
  - Use Case, Scenario (optional), Perspective, Sequence of Events, Actions
A visual representation of a Use Case and its elements
Use Case Schedule

Initial Use Case Template Development
- finished

Community Use Case Areas and Template Distributed
- Monday, December 12

Draft Use Cases Material Submitted
- COB January 18

Use Case Harmonization
- January 18th – February 1st

Initial Use Cases Reviewed and Released
- Beginning of February
Questions and Answers

• Questions?
• After call questions can be sent to:
• Lammot du Pont  
  (Lammot.dupont@hhs.gov)