HITSP Standards Harmonization
Technical Committees Update
Report to the Healthcare Information Technology Standards Panel

Arlington, VA
March 2006
Table of Contents

- Background Information
- Current status of activity
- Next steps
The HITSP process is an open, inclusive, and collaborative process

- The Community selects breakthrough areas to be worked across ONC contracts
- The HITSP then charters Technical Committees to address each breakthrough:
  - Identify a pool of standards for a general breakthrough area
  - Identify gaps and overlaps for a specific context,
  - Make recommendations to the HITSP for resolution of gaps and overlaps
  - Develop instructions for using the selected standard for a specific context
  - Test the instruction for using the standard
- A call for participation is announced to all HITSP members
The Community formed workgroups to focus on the specific charge for each of the four breakthrough areas

- **Biosurveillance** -- 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 within 24 hours.

- **Consumer Empowerment** -- Deploy to targeted populations a pre-populated, consumer-directed and secure electronic registration summary. Deploy a widely available pre-populated medication history linked to the registration summary.

- **Electronic Health Record Exchange** -- Deploy standardized, widely available, secure solutions for accessing current and historical laboratory results and interpretations in a patient-centric manner for clinical care by authorized parties.

- **Chronic Care** – Ensure that widespread use of secure messaging, as appropriate, is fostered as a means of communication between clinicians and patients about care delivery.
HITSP formed Technical Committees align with Community breakthroughs

- Technical Committee Terms of Reference
  - Identify, and analyze gaps and duplications within the standards industry as they related to each specific Use Case; provide a description of the gaps, including missing or incomplete standards; provide a description of all duplications, overlaps, or competition among standards for the relevant use cases; provide a listing of all standards that satisfy the requirements imposed by the relevant use cases as well as testing criteria that shall be used to test the standard; submit these recommendations to HITSP for review, approval and resolution.

- Membership is representative of the stakeholder community
  - Bio-surveillance – 46 members
  - Consumer Empowerment – 46 members
  - Electronic Health Records – 59 members
  - Chronic Care – not yet convened
HITSP project staff to support each Technical Committee

- **HITSP Technical Committee- Electronic Health Record**
  - Bob Yencha, Alschuler Associates
  - Johnathan Coleman, Security Risk Solutions, LLC

- **HITSP Technical Committee- Consumer Empowerment**
  - John Donnelly, InterPro Solutions, Inc.
  - Michael Glickman, Computer Network Architects, Inc.

- **HITSP Technical Committee- Biosurveillance**
  - Lori Reed-Fourquet, e-HealthSign LLC
  - Anna Orlova, Public Health Data Standards Consortium

- **HITSP Cross-Technical Committee Coordination**
  - Ioana Singureanu, Eversolve
  - Gene Ginther, Stellar Corporation
HITSP Co-chairs were elected by each Technical Committee

- **HITSP Technical Committee- Electronic Health Record**
  - James Ferguson, Kaiser Permanente
  - John Madden, MD, SNOMED International
  - Steve Wagner, Department of Veterans Affairs

- **HITSP Technical Committee- Consumer Empowerment**
  - Soloman Appavu, John Stroger Cook County Hospital
  - Elaine Blechman, PhD, University of Colorado, Boulder
  - Charles Parisot, EHR Vendor Association

- **HITSP Technical Committee- Biosurveillance**
  - Floyd Eisenberg, MD, MPH, Siemens Medical Solutions
  - Peter Elkin, MD, Mayo Clinic College of Medicine
  - Shaun Grannis, Department of Family Medicine, Indiana University School of Medicine
Table of Contents

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The Technical Committees have begun work toward a May 29th milestone – the gap and overlap analysis

- Convened February 21-23 - Face to Face meeting in Chicago, IL
  - 79 of 117 members of the Technical Committees were in attendance
  - Conference call dial in was provided for all joint and break out sessions, and ongoing Committee work to ensure the broadest participation

- Standards Mapping and Gap/Overlap Analysis has begun on all Use Cases that were submitted to ONC
  - HITSP, CCHIT, and NHIN consortia Use Cases
  - Aggregated Use Cases are expected next week

- A draft template was developed for documenting the results of the Standards Gap and Overlap Analysis, and is currently in a peer review process

- Committees identified the need for standards categories and developed straw man list in collaboration with the Inventory Committee

- List serves and SharePoint access created for document sharing for each Committee
Cross Use Case coordination includes identification of common actions and functions

<table>
<thead>
<tr>
<th>ID#</th>
<th>Title</th>
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<th>Title</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Authenticate User across Enterprises</td>
<td>21</td>
<td>Manage Patient Communications across Enterprises</td>
</tr>
<tr>
<td>2</td>
<td>Collect and Communicate Audit Trail</td>
<td>22</td>
<td>Maintain Consistent Time across Enterprises</td>
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<tr>
<td>3</td>
<td>Provide Secure Data Messaging</td>
<td>23</td>
<td>Notify Document Availability across Enterprises</td>
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<tr>
<td>4</td>
<td>Digitally Sign Documents</td>
<td>25</td>
<td>Provide Node Authentication and Secured Communication Channel</td>
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<td>5</td>
<td>Share Medical Summaries across Enterprises</td>
<td>26</td>
<td>Manage User Credentials</td>
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<tr>
<td>6</td>
<td>Share Diagnostic Images across Enterprises</td>
<td>27</td>
<td>Communicate Scheduling and Appointment Information across Enterprises</td>
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<td>7</td>
<td>Share Lab Reports across Enterprises</td>
<td>28</td>
<td>Communicate Batch Data</td>
</tr>
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<td>8</td>
<td>Identify a Patient across Enterprises</td>
<td>29</td>
<td>Communicate Eligibility Benefit and Coverage Information</td>
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<td>9</td>
<td>Share Patient Demographics across Enterprises</td>
<td>30</td>
<td>Communicate Treatment Authorization Information</td>
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<td>10</td>
<td>Manage and Control Data Access</td>
<td>31</td>
<td>Communicate Referral Information</td>
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<td>11</td>
<td>Share Clinical Decision Support Info across Enterprises</td>
<td>32</td>
<td>Communicate Claim, Encounter, or EOB Information</td>
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<tr>
<td>12</td>
<td>Share Order Info across Enterprises</td>
<td>33</td>
<td>Communicate Claim Status Information</td>
</tr>
<tr>
<td>13</td>
<td>Communicate Real-time data</td>
<td>34</td>
<td>Communicate Claim Payment/Payment Advice</td>
</tr>
<tr>
<td>14</td>
<td>Verify Patient Consent, Authorizations and Advance Directives</td>
<td>35</td>
<td>Communicate Healthcare Attachment Information</td>
</tr>
<tr>
<td>15</td>
<td>Share Patient Medication History across Enterprises</td>
<td>36</td>
<td>Manage Workflow</td>
</tr>
<tr>
<td>16</td>
<td>Access Terminology Service</td>
<td></td>
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<tr>
<td>17</td>
<td>Anonymize and Pseudonymize Data</td>
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</table>
Table of Contents

- Background Information
- Current status of activities
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HITSP Technical Committees are scheduled to complete the gap analysis, then create a pool of candidate standards ….

<table>
<thead>
<tr>
<th></th>
<th>Activity Description</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>1</td>
<td>Review Use Case(s) to identify named standards and analyze and document gaps and overlaps (includes use of Level 1 Readiness Criteria)</td>
<td>2/27</td>
<td>3/27</td>
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<tr>
<td>2</td>
<td>Meet to initiate resolution of gaps and overlaps (face-to-face)</td>
<td>3/28</td>
<td>3/30</td>
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<td>3</td>
<td>Publish and interim report to the HITSP on progress</td>
<td>4/6</td>
<td></td>
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<td>4</td>
<td>Support HITSP comment period</td>
<td>4/6</td>
<td>4/12</td>
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<tr>
<td>5</td>
<td>Meet to respond to HITSP comments and update the analysis of the gaps and overlaps (face-to-face)</td>
<td>4/18</td>
<td>4/20</td>
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<tr>
<td>6</td>
<td>Publish the <em>Draft Gaps &amp; Overlaps V1</em> for HITSP review and comment at the May 4&lt;sup&gt;th&lt;/sup&gt; meeting</td>
<td>4/26</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Facilitate Panel approval of the pool of standards at May 4&lt;sup&gt;th&lt;/sup&gt; meeting of the HITSP</td>
<td>5/4</td>
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<tr>
<td>8</td>
<td>Prepare the final deliverable for HITSP information (includes revising recommendations based on May 4&lt;sup&gt;th&lt;/sup&gt; session)</td>
<td>5/5</td>
<td>5/16</td>
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And submit the final deliverable to ONC by May 29, 2006

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<tr>
<td>9</td>
<td>Publish Deliverable for HITSP information and as input into the selection process</td>
<td>5/17</td>
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<tr>
<td>10</td>
<td>Support 2nd HITSP comment period</td>
<td>5/18-5/23</td>
</tr>
<tr>
<td>11</td>
<td>Revise the <em>Gaps &amp; Overlaps V2</em> based on feedback received during the HITSP comment period</td>
<td>5/23-5/28</td>
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<td>12</td>
<td>HITSP Project Staff will finalize TC products and submit as formal contract deliverables</td>
<td>5/29</td>
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Key dates for the technical committees include . . .

- T-cons to continue Standards Gap and Overlap Analysis
- March 28 - 30 Face-to-Face HITSP Technical Committees meeting, Washington, DC
- April 18 - 20 Face-to-Face HITSP Technical Committees meeting, Chicago, IL (Tentative)
- May 29 – Gap analysis due
- June 29 – Recommended standards due
- September 26 – Implementation instructions due