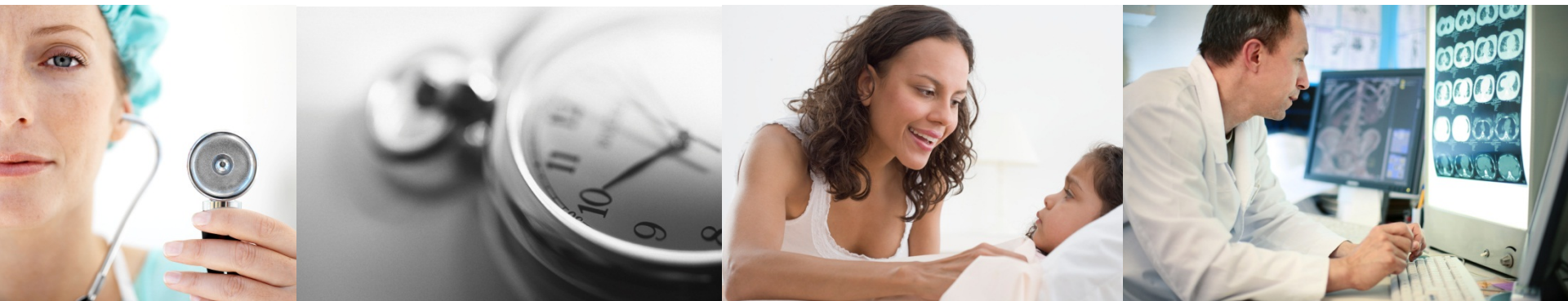


JIC Strategy / Business Discussions



Outline

- Strategies Development Context
- Key Value Messages
- Standards Penetration - Across the World
 - International Environment
 - Vendor Adoption
 - Barriers and Solutions
- The Way Forward 2015-2017
 - Proposed Strategy Directions
 - Goals & Targets 2015-2017
 - Proposed Direction and Next Step

Strategies Development Context

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Strategies Development Context

- **Objective**
 - *To provide an overview of the current state of SDO progress Internationally and a proposed set of strategy considerations for discussion.*
- **Vision**
 - *By 2017 a JIC starter set enabling interoperability will be actively used by the majority of nations, which will result in better health.*

Strategies Development Context

Background

- Global Trends have not changed in relation to the drivers that impact governments around the world in making digital health and health decisions. The governments continue to struggle with an aging population, a system that continues to resist a systemic change to digital health, one silo disappears and more rise up and the funding pressures are critical in light of recent economic downturns and the rising costs.
- Technology in the health sector is rapidly changing to deal with a younger generation of needs that require “just in time” solutions and the ability to innovate and adapt within product cycles that span months not years.
- SDOs are coming under ever increasing pressure to modernize their thinking and to develop in unison a solution that will allow governments to grapple with semantic interoperability in a cost effective fashion.

Strategies Development Context

Background (cont'd)

- Funders are weary of funding large scale initiatives that do not solve the key problems associated with the movement of patient information effectively and seamlessly. Given the lack of demonstrated progress most are looking beyond the SDOs for solutions and quick fixes.
- SDOs are at risk from movements such as the “big data” push and from some of the technology solutions that assert that standards are no longer necessary given the advance of logical thinking technology.
- The interoperability journey will be continuous and lengthy. Other industries (e.g. finance, aviation, telecommunications) have taken decades to modernize their technology in order to achieve complete integration and portability.
- The health care industry, while somewhat comparable, has added complexity and multiple stakeholders that to date have not been incentivized to work together to achieve patient centric care.

Strategies Development Context

Key questions that must be answered

- In order to understand the mountain we must climb these questions come to mind:
 - Who are the key stakeholders and what do they want
 - What will motivate government to embrace a global starter set
 - How do we as separate organizations put aside or reconcile our different approaches to work together quickly and effectively
 - How can we easily leverage what we have in our respective standards to build for the first time an interoperability roadmap that makes sense for the decision makers
 - Can we communicate effectively with governments to ensure we have buy in and also funding to complete the work within an accelerated timeframe

Strategies Development Context

Current State

- IHTSDO does annual surveys of members and users which mirror what may be facing other SDOs and indicate the following needs:
 1. Easily consumable products
 2. Clearly understandable guidance documents
 3. A desire for a core set of standards
 4. Need for more data analytics capacity
 5. Requirement for starter material
 6. An eye to the future to incorporate new emerging trends (Genomics)
 7. Clear direction and communication channels with all stakeholders

- Risks:
 1. Will government who is weary of the interoperability challenge still listen;
 2. Stakeholders may leave if implementation issues are not addressed;
 3. How do we work in concert without compromising existing agendas

Strategies Development Context

Current State - Strengths

1. All SDOs have relevant and stable foundations
2. The technologies and tooling exist to make this happen
3. Past Collaboration Activities show that this can work
4. Expert Resources to continue development efforts
5. Ability to invest and develop our individual products

Strategies Development Context

Current State - Weaknesses

1. Knowledgeable Resources are not pooled and sometimes due to the volunteer nature take too much time to get work completed
2. Governments are now turning elsewhere
3. Technology Platforms under revision
4. Challenge of Global Reach for the support of all nations
5. We need Vendors to meaningfully become engaged
6. Communication to the mainstream Health Market
7. Governance Structures sometimes limit agile behavior

Key Value Messages

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Benefits

- Makes it easier for data to be portable from one system to another
- Clinicians have the flexibility to record information in a language and in a level of detail they prefer without losing its intended meaning when its shared across the continuum of care.
- Not exclusive to one technology as the starter set would allow for the seamless flow of information in real time across digital solutions
- Enables clinical decision support by allowing for the consistent collection and use of information by clinicians.
- Reduces the need to have varied implementation models that may lead to costly delays and increases implementation costs.
- Vendors will be allowed to easily communicate with each other thus reducing the complexity of interfaces and APIs.

Interoperability Across the World

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International Environment

General Observations

- Currently many different standard sets deployed across the globe.
- Countries have pockets of home grown costly standards that are so specific that cross border sharing is unattainable.
- Governments are suffering from a diverse set of funding mechanisms with no clear roadmap to achieve interoperability.
- There is a perception that the global SDOs do not pool resources, leverage each other's standards to help governments, vendors or clinical stakeholders. It is “every person for themselves” all competing for the work and funding.
- No clear strategy or direction is being set by the SDOs.
- There is an appetite in all regions of the globe for action and direction. Who will lead this ? Governments, Regional Bodies? WHO? SDOs are better positioned.
- Misinformation about various standards runs rampant both in the profession but is enhanced by the media.
- Vendors are not part of the solution.....yet.

Key Barriers to Interoperability

- Policy
- Consistent Clear Communication and Engagement Model
- Community of Practice Engagement - Cross SDOs
- Vendor Engagement Program
- Consistent Implementation Guidance and Education Services
- Easily Understood Business Value Proposition that Governments can understand

JIC Strategy Considerations

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Proposed Strategy Directions 2015 -2017

1. Produce robust standards that are “fit for purpose” for priority use cases in most countries
2. Build a process that allows SDOs to interact and collaborate effectively with one voice.
3. Strengthen responsiveness and clinical governance of our standards
4. Set new trends and shape new technologies that increase the overall use
5. Remove barriers to adoption for our customers and stakeholders

Proposed Tactical Directions 2015 -2017

1. Clearly define the “ best practices” offerings for the use of our standards. This would include the development of use cases.
2. Roadmap for the interoperability which gives a clear and understandable way forward for all stakeholders.
3. Execute on the provision of products, tools, and services to support a starter set of standards to clinical, member and industry stakeholders. This would involve cross SDO work in the following areas: Implementation Guidance, Vendor Toolkits, Education.
4. Facilitate the adoption of the starter set through a combined communication plan that all SDOs would adopt. One Message to All.
5. Determine how the various SDOs will work together, deliverables required, resource and funding requirements and research sources of both expertise and funding to ensure sustainability.

Proposed Directions and Next Steps

- Approval of the JIC Strategy and determine next steps to formalize the cooperative processes needed to get on with the work.
- Develop a Business Plan that covers a two year period and refreshed annually. This would include resource and funding requirements by all SDOs.
- Complete an Interoperability Road Map 2015-2017 that outlines key target achievement dates.
- Review Business models to drive the transformation of the JIC to enable the new proposed strategy direction
- Completion and roll out of a new marketing and communications plan

Thank you

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