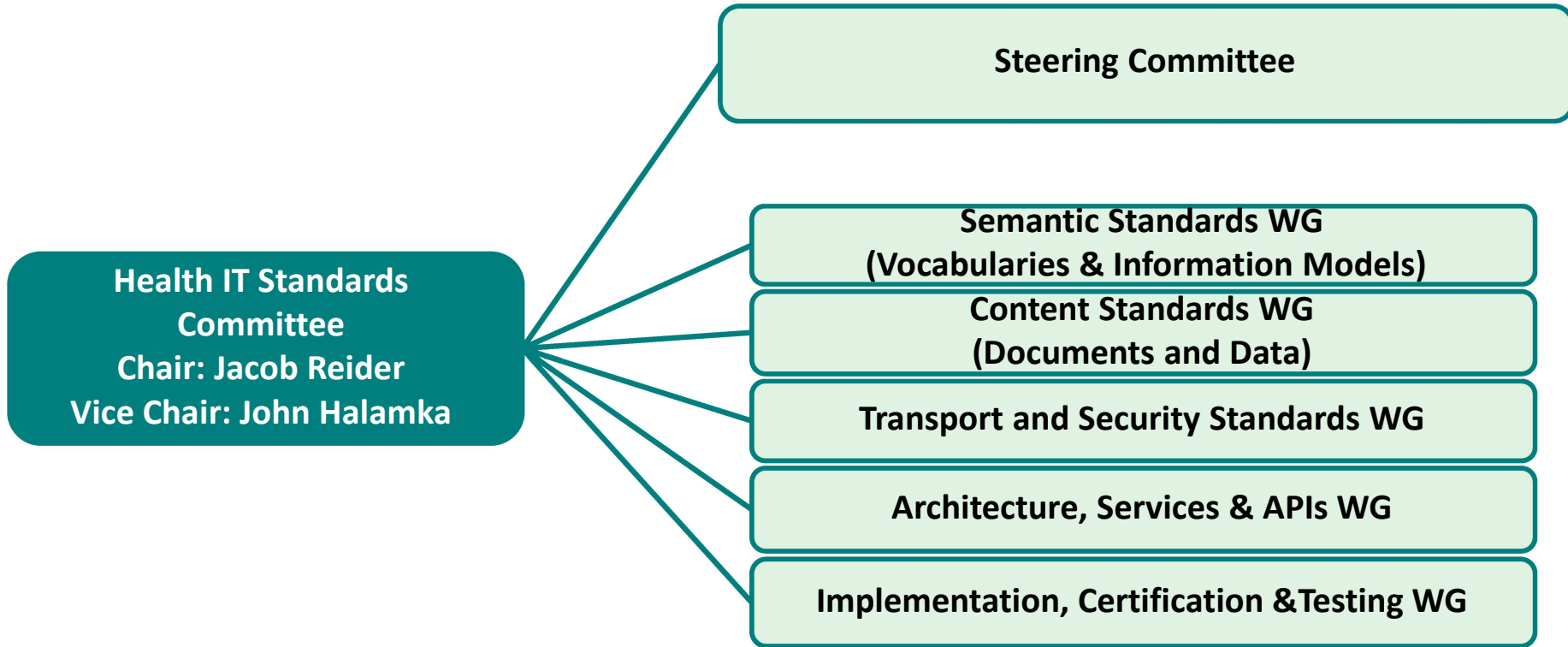


Proposed HITSC Workgroup Evolution

Draft – discussion only

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*Task Forces may be needed for specific work assignments

- Coordinate and review HITPC policy recommendations to charge HITSC workgroups
- Define the standards problems/options posed by the HITPC
 - Assure that all stakeholder interests are integrated across all workgroups
 - Assure overall coordination across HITSC workgroups
- Report outcomes back to appropriate HITPC workgroups for continuity

- Assure a consistent approach to semantics standards for CEHRT
- Identify existing standards (vocabularies and/or information models) that can be leveraged for other uses, while ensuring consistent semantic standards across all use cases
- Identify semantic standards requirements for CEHRT
- Evaluate new standards or approaches (vocabularies and information models) for representing semantics
- Recommend a strategy for maintaining a consistent and sustainable approach to semantic standards
- Assure consistent linking of semantic standards and content standards

- **Evaluate current content standards and propose incremental improvements that achieve greater interoperability**
- **Recommend an appropriate balance between optionality and constraints in content standards**
- **Provide recommendation on key standards initiatives, some examples may include:**
 - recommendations regarding FHIR in future HIT standards
 - support for common data elements (CDEs)
 - used across use cases
 - granular data expression
 - promote structured approaches for patient interventions
 - genomic data
 - consumer activity
- **Evaluate systems and standards that are resilient to big data approaches**
- **Develop a strategy that can accommodate the movement from document-centric standards to data-centric standards**

- **Support standards for security and transport in certification criteria**
- **Support alignment with the National Strategy for Trusted Identities in Cyberspace (NSTIC)**
- **Support standards, examples may include:**
 - **securing data at rest**
 - **security for application programming interfaces and RESTful approaches that support modular application integration**
 - **data segmentation for privacy**
 - **digital signature**

- **Promote the migration to platform independence “application programming interfaces” (APIs) that allow third-party programmers to bridge from existing systems to a future software ecosystem that will be built on top of the stored data**
- **Determine API architectural framework (e.g. presentation layer, middleware layer, semantic layer, data layer, security layer)**
- **Develop an incremental API strategy for open APIs to Standardized APIs**
- **Support migration from interoperability based on “what to build” (specifications) to interoperability based on “how to use” (APIs)**
- **Determine use cases for API portfolio**
 - **Be opportunistic in moving toward more APIs, e.g. Leverage the Data Access Framework and Provider Directory activities**

- **Review implementation challenges with existing standards and provide recommendations for how to improve existing standards and testing**
- **Recommend testing methods that support the goals of interoperability and information exchange**
- **Establish recommendations for how to test workflow and usability**
- **Evaluate sustainable and inclusive approaches to certification and test method development**