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Discussion Document

Foundations Committee Update Privacy and Security Framework

Report to the Healthcare Information Technology Standards Panel



Washington, DC
December 13, 2007



Foundations Committee

Privacy and Security Work Group

- ▶ The goal of the Foundations Committee is to recommend a long-term direction for achieving standards harmonization, collaboration and coordination. The Foundations Committee has been charged with developing recommendations for implementing a set of standards harmonization objectives to achieve the overall goal. One of the standards harmonization objectives relates to security and privacy.
- ▶ To address the security and privacy objective, the Foundations Committee determined that a comprehensive, strategic framework for Privacy and Security should be developed. A work group was created to accomplish this work.
- ▶ The work group decided that the best approach would be to create two frameworks – one for privacy and one for security – and define the relationships between them.
- ▶ The work group decide to develop a privacy framework first.



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Purpose/Description of the Privacy Framework

- ▶ The framework is a comprehensive listing of the categories that collectively can accommodate all Privacy policies and be translated into system technical requirements
- ▶ It does not define Privacy policy requirements but can be used by to enter or map requirements
- ▶ It can be used to compare different sets of Privacy policy requirements
- ▶ When populated with specific policy requirements, it can be used to measure HITSP's current security construct capabilities, identify gaps and serve as a roadmap for future construct development and standards development work
- ▶ Once HITSP recommended standards/constructs have been mapped to the framework, a list of remaining standards work can be identified, prioritized and a roadmap developed for completing the work



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- ▶ Purpose/Description of the Privacy Framework (continued)
 - It is intended to serve as a roadmap to support the HITSP goal of achieving healthcare interoperability and standards harmonization
 - It is intended as an internal artifact for HITSP use
 - It is meant to be a comprehensive view of privacy in that all work of HITSP and its committees should be mappable to the framework
 - It is intended to allow TCs to identify gaps, overlaps and relationships between existing work and work that still needs to be accomplished
 - It is intended to support identification of policies, regulations and standards that are needed to achieve interoperability



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- ▶ Overall approach to Developing the Privacy Framework
 - Define a comprehensive, strategic framework for privacy by gathering existing privacy frameworks and principles
 - Frameworks/principles were gathered from national efforts (government and private sector), state efforts and international efforts
 - All frameworks/principles were grouped, eliminating duplications and creating a harmonized set of framework categories
 - The harmonized set of categories were then organized into high-level categories and sub-categories
 - These categories/sub-categories were extensively discussed by the work group and descriptions were developed for each
 - HIPAA requirements were mapped to the framework as an example of how to do a mapping



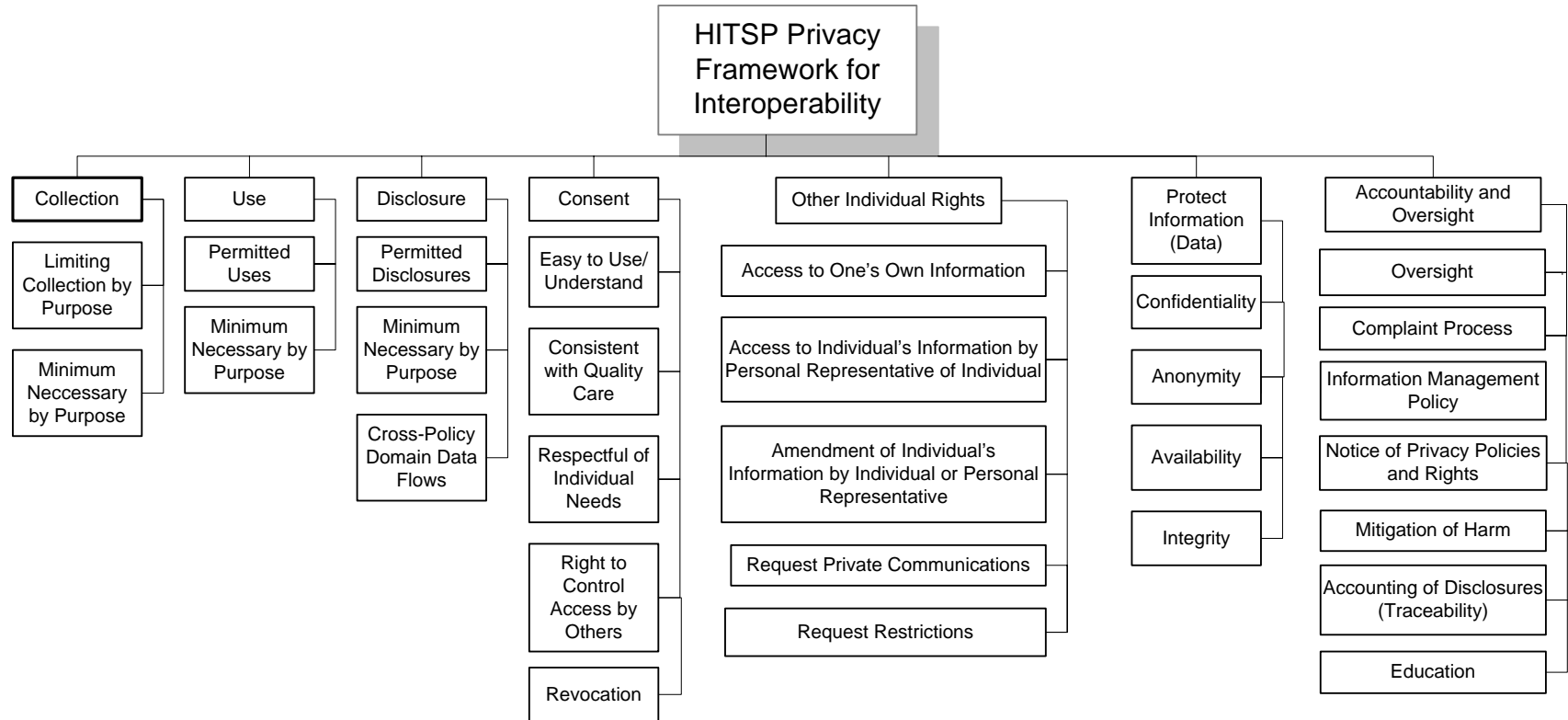
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Category	Sub-Category	Description	Policy Requirement	Source	Technical Solutions
Use		Use of information (shall, should, may) be necessary	Use of information shall be necessary;	HIPAA	
		For certain uses, individual consent or authorization (shall, should, may) be required or such use (shall, should, may) be authorized by or under law.			
	Permitted Uses	Information use (shall, should, may) be limited to and required for only the identified purpose			
		Use (shall, should, may) or not be conditioned on patient consent or authorization			



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Next steps:

- ▶ Request Panel approval of Privacy Framework
- ▶ Produce mappings of HITSP standards/artifacts to the Privacy Framework
- ▶ Produce other mappings (policies, interoperability lifecycle, etc.)
- ▶ Complete gap/overlap analysis
- ▶ Develop prioritized list of remaining standards work
- ▶ Start work on Security Framework

