



# Connecticut Health Information Technology Exchange Draft Strategic Plan Preview

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CT HIE Leadership Meeting

Connecticut Hospital Association

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# Background

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**June 2007:** CT General Assembly requires DPH to write a Statewide Health Information Plan.

**February 2009:** President Obama signs into law the American Recovery & Reinvestment Act (ARRA), in which is the Health Information Technology for Economic and Clinical Health (HITECH) Act.

**June 2009:** Governor Rell signs bill making DPH the state's lead health information agency.

**July 2009:** DPH submits Statewide Health Information Plan to the General Assembly.

**October 2009:** DPH establishes the Health Information Technology & Exchange Advisory Committee (HITEAC).



# Background

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**April 2010:** DPH receives \$7.29 million to plan and create a statewide and interstate HIE.

**June 2010:** Governor Rell signs bill creating the Health Information Technology Exchange of Connecticut, a quasi-governmental agency to become the SDE for health IT in Connecticut.

**September 2010:** DPH to submit to ONC for consideration the Connecticut Health Information Technology Strategic & Operational Plan.

**January 1, 2011:** Health Information Technology Exchange of Connecticut to begin operation.



# CT HIE Strategic Plan: Structure

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Aligned with the five ONC domains: Governance; Finance; Technical Infrastructure; Business and Technical Operations; and Legal / Policy

Provides an assessment of the capabilities and challenges for the development and implementation of an HIE for Connecticut and a roadmap for success.

Process designed to be open to all stakeholders and transparent to the public.

Both sections of the plan **MUST** be submitted together to ONC by September 27, 2010.

ONC must approve state strategic/operational plan before any additional monies can be released.



# CT HIE Strategic Plan: Vision

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***VISION:*** *To facilitate secure health information exchange across the care continuum that supports patients' health needs at the point of treatment by providing immediate, direct and on-going links between patients, their complete health records and their attending providers.*



# CT HIE Strategic Plan: Governance

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## **HITE-CT Legislation**

An interim governance structure has been established at DPH. Transition to the Authority is underway, and will conclude in January 2010.

## **Roles of Governance**

The founding principles of HITE-CT include ensuring the clarity of decision making **processes** and inclusiveness.



# CT HIE Strategic Plan: Governance

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## Quasi-public Authority

The long-term governance of HITE-CT will fall under a quasi-public Authority that reflects the interests of all stakeholders and ensures efficient, effective HIE management.

## Accountability and Transparency

HITE-CT must be governed and operated in a clear and accountable manner to **ensure** stakeholder support and that the promise of health information exchange is realized in Connecticut.



# CT HIE Strategic Plan: Finance

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## Funding in Two Stages:

**Stage 1:** Short-term (start-up funding) consists of leveraging the State HIE Cooperative Agreement to set the foundation necessary to get the HITE-CT initiative moving forward along with possibly limited funds from subscriptions.

**Stage 2:** Conduct a careful evaluation of different long-term funding options for HITE-CT operations that may require various combinations of legislative mandates and voluntary participation by stakeholders.





# CT HIE Strategic Plan: Finance

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## **Value Proposition**

This value proposition must demonstrate economic and health outcome-specific benefits, include performance indicators for reporting requirements and most importantly, enable tailoring of communication around the value of the HIE to each stakeholder group.

## **Financial Management and Reporting**

HITE-CT must be able to meet all reporting requirements and especially those additional requirements for ARRA funding. HITE-CT must be able to demonstrate to all of its stakeholders the realization of the value proposition of the HIE



# CT HIE Strategic Plan: Technical Infrastructure

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## **Solution Architecture**

HITE-CT will lead a broadly participative effort to define a comprehensive enterprise architecture.

HITE-CT will acquire a Service-Oriented Architecture (SOA) and standards-based, secure, feature-rich application that will enable providers to achieve meaningful use of EHRs.

## **HITE-CT Products and Services**

Connecticut has determined the initial prioritization of HITE-CT products and services as guidance for the operational planning process in three Releases:



# CT HIE Strategic Plan: Technical Infrastructure

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**Release 1 - Continuity of Care Documents (CCDs) and Public Health Registries and Reporting**, to address components of meaningful use, provide benefits to all State residents and build a foundational infrastructure and data set.

**Release 2 – Quality/Gaps in Care Reporting**, to develop and implement metric-based Quality Reporting and the “care gaps” and provide access to and integration with data from multiple sources.

**Release 3 - Personal Health Records (PHRs)**, to allow all residents the ability to help manage their own care through the management of their health records.



# CT HIE Strategic Plan: Technical Infrastructure

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## Standards

The nature of any HIE solution requires numerous interfaces to inpatient and ambulatory EHR products, hospital clinical information systems, laboratory systems, and other clinical and State agency systems.

## HIT and HIE Adoption

HITE-CT will collaborate with the eHealthConnecticut as the Regional Extension Center (REC) to encourage and support the adoption of EHRs/EMRs and the HIE

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# CT HIE Strategic Plan: Business & Tech Ops

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## **Deployment Strategy for HITE-CT**

Connecticut will create an incremental approach to deploying HITE-CT products and services with an initial focus on ensuring that the HIE can support meaningful use requirements.

## **HITE-CT Communications Strategy**

HITE-CT will create a detailed communications strategy designed to educate consumers and providers about how electronic records and electronic record exchange can improve the quality and efficiency of health care for Connecticut residents.



# CT HIE Strategic Plan: Business & Tech Ops

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## **HITE-CT Technical Implementation Approach**

### **Deployment Planning**

HITE-CT will develop a technical deployment plan that will ensure that the right technologies and services are developed, deployed and eventually maintained to high standards.

### **Infrastructure Procurement Strategy**

HITE-CT will plan for an open procurement strategy for the acquisition of HITE-CT infrastructure as an immediate priority. Technical deployment will be achieved by a combination of HITE-CT and vendor resources.



# CT HIE Strategic Plan: Legal & Policy

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***The privacy and security of patient health information is of the highest possible concern in the development of HITE-CT.***

## **Privacy/Security:**

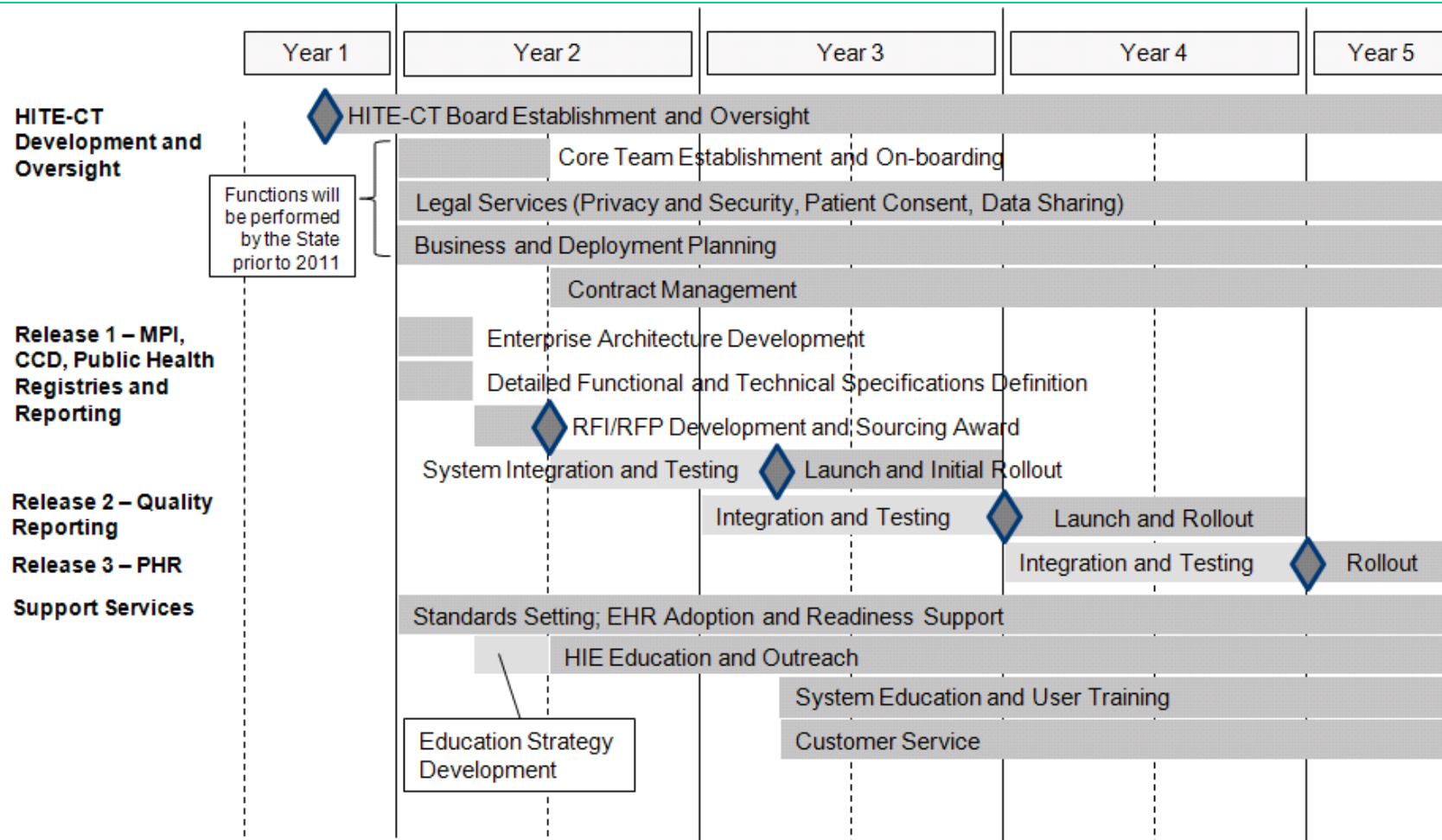
The Legal / Policy Sub-committee is conducting a thorough analysis of procedures and standards for ensuring the privacy of patient data.

## **Enforcement Framework**

HHS Privacy and Security framework and HIPAA provides a well established existing body of law for HITE-CT. The HIPAA preemption analysis, which is currently being updated in light of HIE needs, will provide input for a future framework for HITE-CT.



# CT HIE Strategic Plan: Roadmap

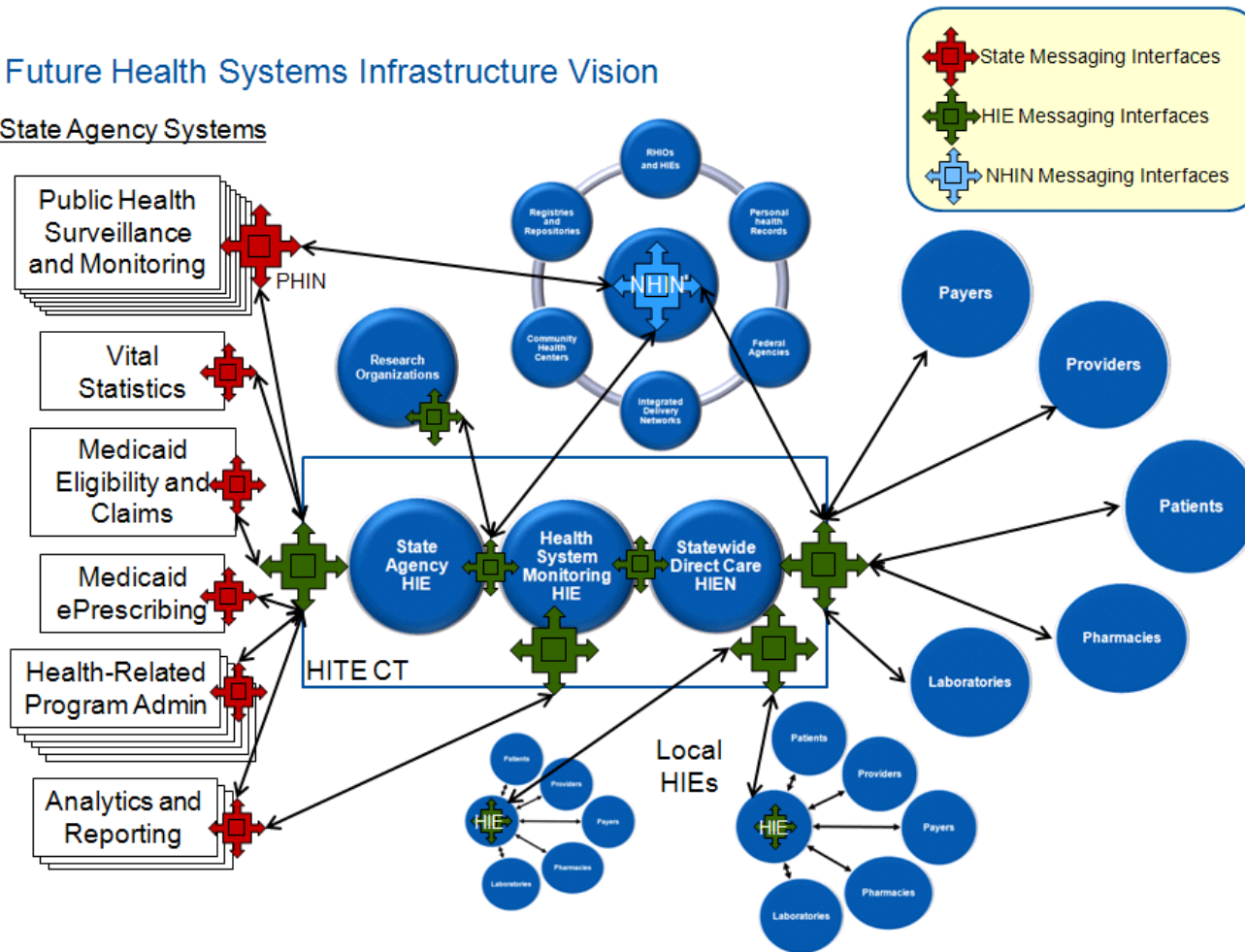




# CT HIE Strategic Plan: Long-term Vision

## Future Health Systems Infrastructure Vision

### State Agency Systems



# CT HIE Strategic Plan: Conclusion

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Collaboration

Coordination

Communication

Need your feedback during public  
comment period: June 17 - 30



# CT HIE Strategic Plan: Conclusion

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Thank you

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