Health Information Exchange Steering Committee Meeting
August 23, 2021

Meeting Goals

- Review Gap Analysis Produced by Health Tech Solutions

- Revisit HIE Plan Components

- Discuss Updates to HIE Plan

- Wrap Up

HIE Plan Gap Analysis

Produced by HealthTech Solutions

HTS' Feedback on HIE Plan for Consideration with Update

- In 2021, HealthTech Solution (HTS) – a nationally recognized Health-IT consultancy – was hired by the State to assess the HIE Plan and scan stakeholder interests and needs.

- HTS' overarching conclusions:

  - The HIE Steering Committee strategy and direction is correct
  - The Health Data Architecture and VHIE data model are correct for what we are trying to accomplish
  - Stakeholder alignment is critical for success

- Three major variables will gate the speed of implementation and adoption-
  1. Migration to the MedicaSoft technology platform [planned completion: 9/30/21]
  2. Mandated use of the VHIE
  3. Increased use of VHIE by more healthcare actors, segments and functions

HIE Plan Components
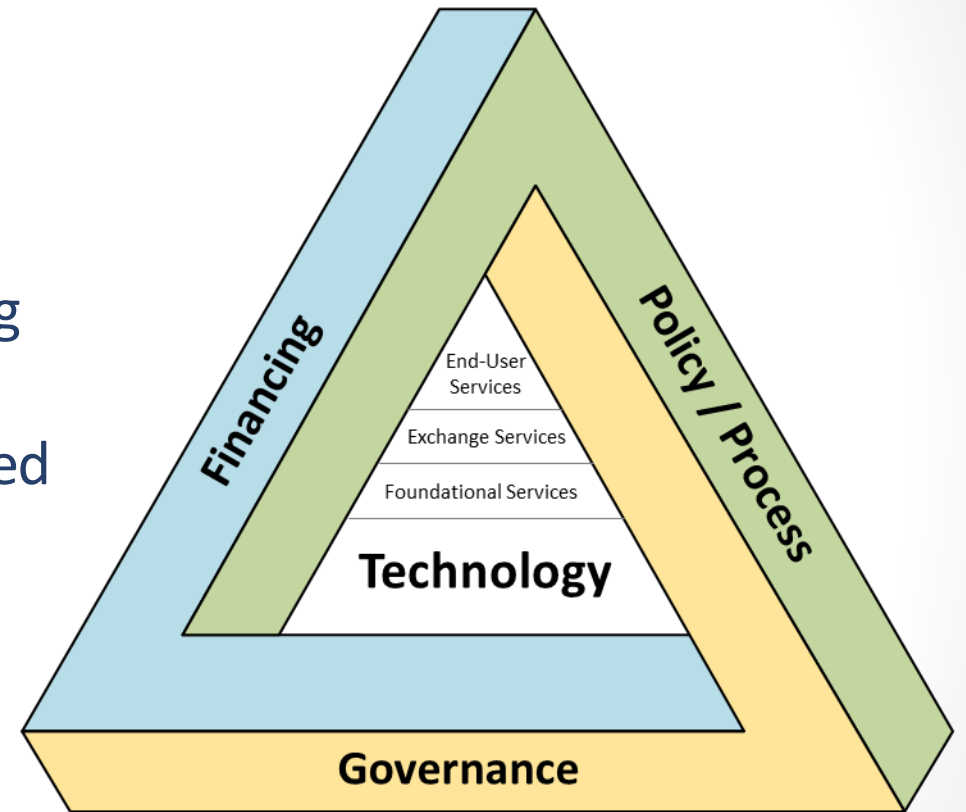
Our Legislative Mandate

- **18 V.S.A. § 9352 –**
  - *(c)(1) Health information exchange operation. VITL shall be designated in the Health Information Technology Plan approved by the Green Mountain Care Board pursuant to section 9351 of this title to operate the exclusive statewide health information exchange network for this State. The Plan shall determine the manner in which Vermont's health information exchange network shall be managed.*

- **18 V.S.A. § 9351 –**
  - *The Department of Vermont Health Access, in consultation with the Department's Health Information Exchange Steering Committee, shall be responsible for the overall coordination of Vermont's statewide Health Information Technology Plan.*

  - *The Plan shall include the implementation of an integrated electronic health information infrastructure for the sharing of electronic health information among health care facilities, health care professionals, public and private payers, and patients.*

  - *The Plan shall provide for each patient's electronic health information that is contained in the Vermont Health Information Exchange to be accessible to health care facilities, health care professionals, and public and private payers to the extent permitted under federal law unless the patient has affirmatively elected not to have the patient's electronic health information shared in that manner.*
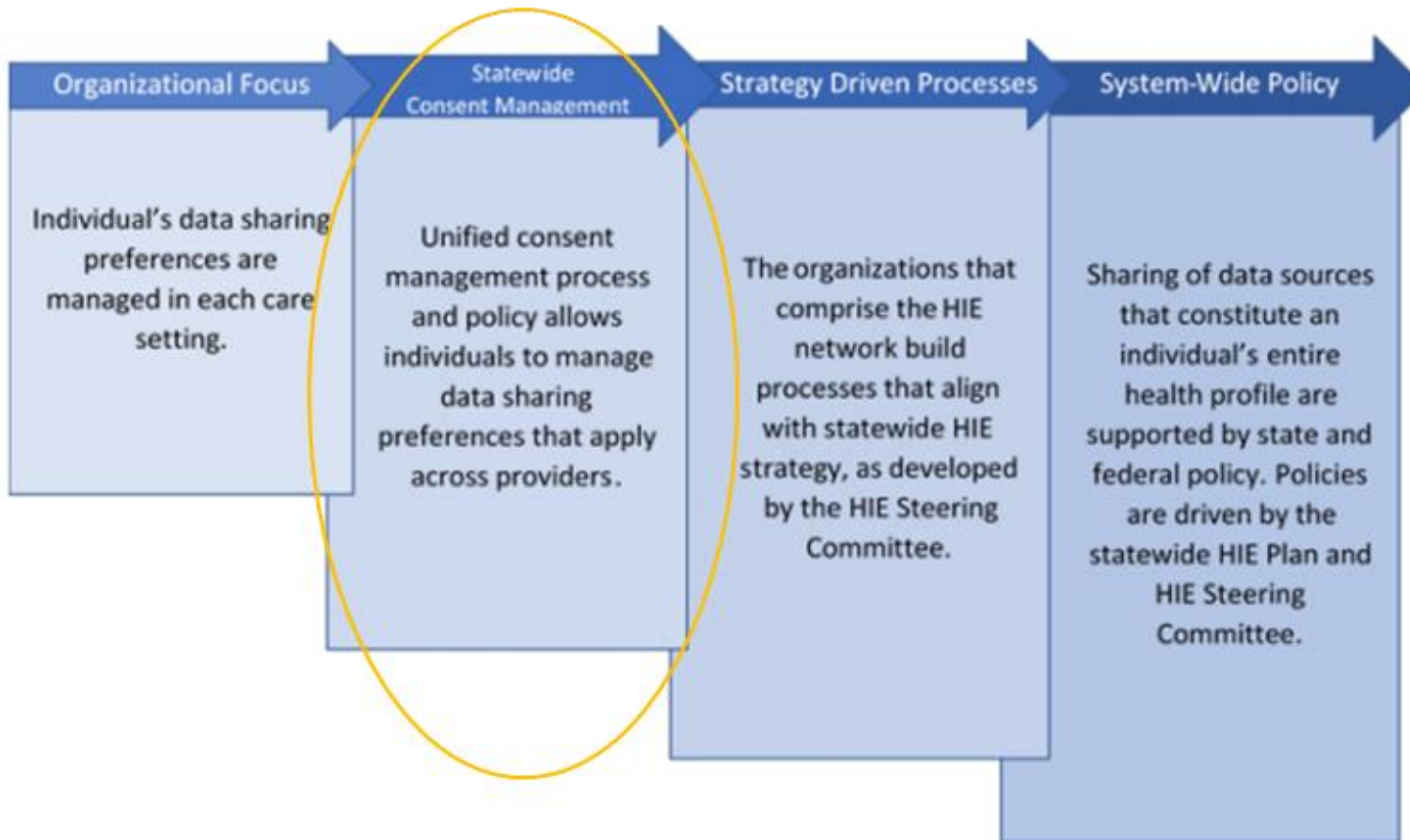
The graphic "illustrates the essential pillars of the HIE Ecosystem – financing, policy/process, governance, and technology – and their interrelated relationships. Ignoring one or more pillars in planning and execution can lead to failure in technical implementation. All must be considered to advance health data exchange."

AHS' Goals for the HIE Plan Update

- Articulate Vision for Unified Health Data and Role of VHIE

- Provide Updates on the Priority Work Identified in the Last Plan Update

- Detail Tactics for Achieving Objectives Set Forth in the Plan (e.g., integration of diverse data types onto the VHIE)

- Ensure Audience Understands the Status of Compliance with New Federal Interoperability Rules and Other Related Requirements
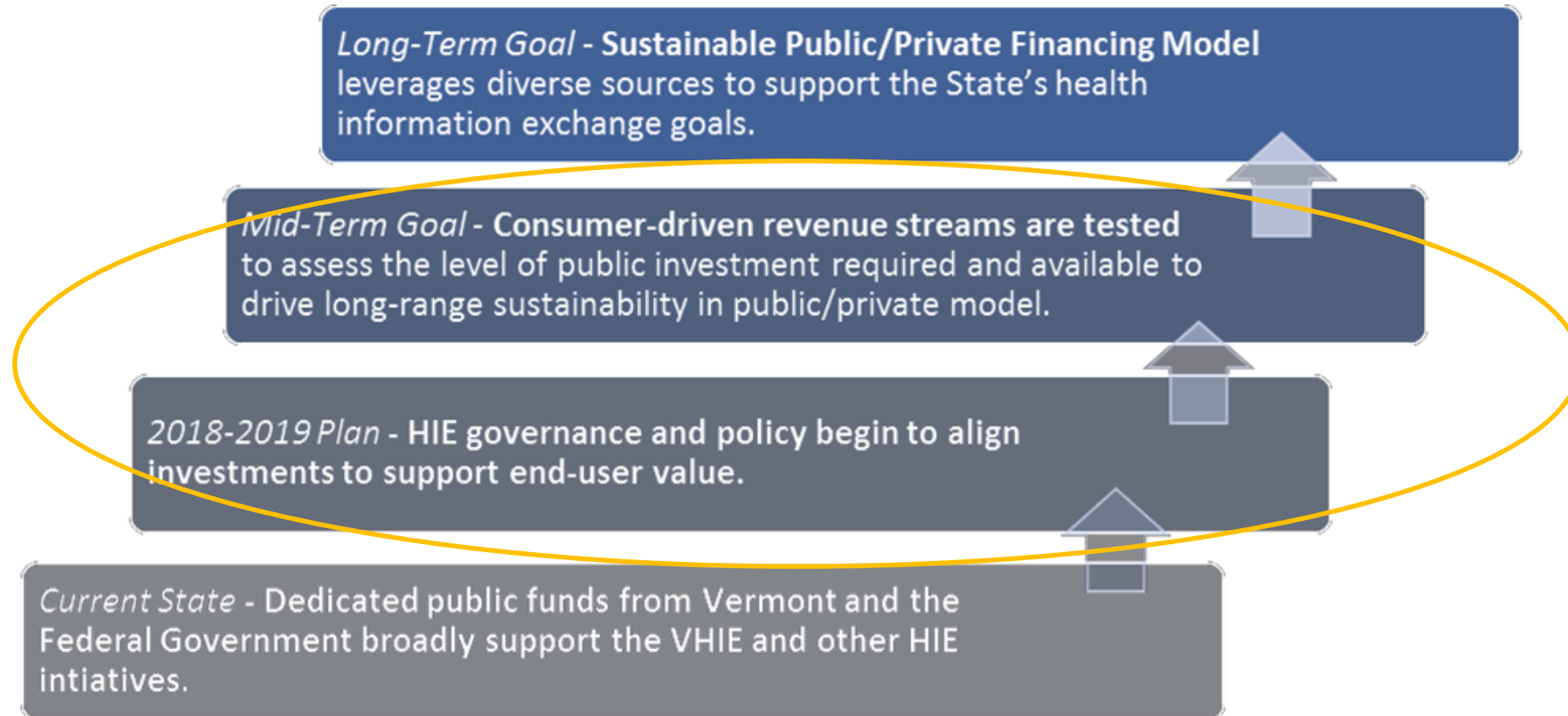
HIE Policy and Process Maturity Model

Organizational Focus

Individual's data sharing preferences are managed in each care setting.

Statewide Consent Management

Unified consent management process and policy allows individuals to manage data sharing preferences that apply across providers.

Strategy Driven Processes

The organizations that comprise the HIE network build processes that align with statewide HIE strategy, as developed by the HIE Steering Committee.

System-Wide Policy

Sharing of data sources that constitute an individual's entire health profile are supported by state and federal policy. Policies are driven by the statewide HIE Plan and HIE Steering Committee.

HIE Ecosystem: Policy/Process

Activity	Status
Clinical consent model is active and technically managed through the VHIE	Complete
Protocols for Access to Protected Health Information on VHIE direct aggregation and exchange of public health data inside and outside of emergency circumstances	Complete
Design consent and data governance processes needed for sharing and accessing claims, social determinants of health, and clinically sensitive data.	In Progress • PartII+ Group is exploring a consent model for clinically sensitive data (awaiting new federal rules). • AHS and the Population Health Subcommittee will work together to develop processes related to Social Determinants of Health data. • Claims data policy/process needs TBD.
TBD: Legislative changes to facilitate (1) using the VHIE to aggregate and/or exchange opioid prescribing data (2) using the VHIE to aggregate and/or exchange identifiable claims data	Not started

HIE Financing Maturity Model

Long-Term Goal - **Sustainable Public/Private Financing Model** leverages diverse sources to support the State's health information exchange goals.

Mid-Term Goal - **Consumer-driven revenue streams are tested** to assess the level of public investment required and available to drive long-range sustainability in public/private model.

2018-2019 Plan - **HIE governance and policy begin to align** investments to support end-user value.

Current State - Dedicated public funds from Vermont and the Federal Government broadly support the VHIE and other HIE intiatives.

HIE Ecosystem: Financing (Sustainability)

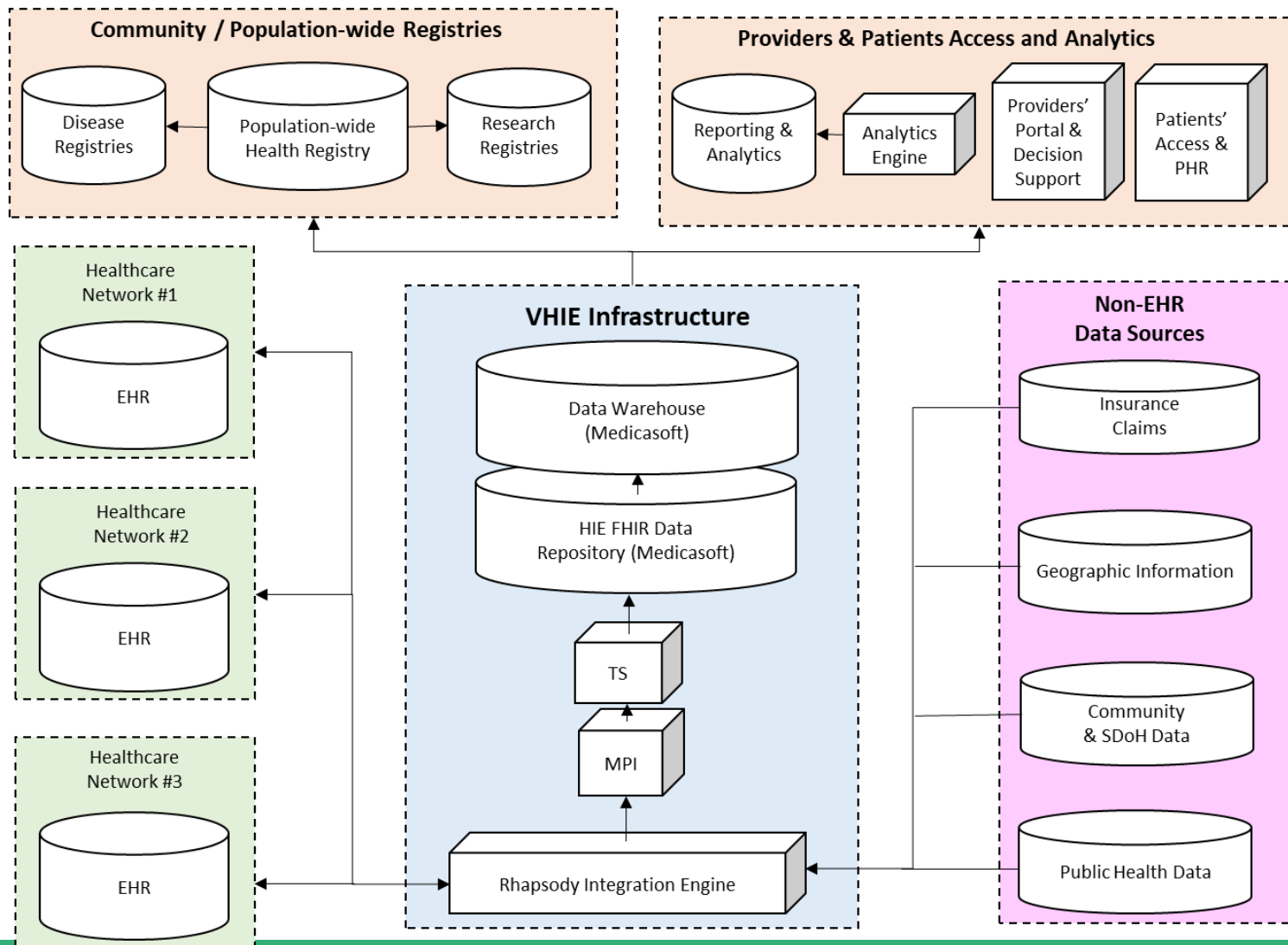| Activity	Status
HIT Fund established to support ongoing health-IT investment; HIT Fund sunsets every year/two years – requires legislative intervention	In Progress/Ongoing
Obtain CMS Outcomes Based Certification of the VHIE to open the door to (1) sustained federal investment in maintenance of the VHIE and (2) enhance federal match rates for enhancement projects	In Progress (expected completion: 1/1/22)
Maximize short-term federal investment opportunities (e.g., CDC Health Disparities Grant, HCBS, 1115 Waiver) to propel HIE goals forward	In Progress
Continue to define foundational services (publicly funded) and ongoing services to be supported by public investments – paving a path for VITL to offer services to private sector customers and AHS as a customer.	In Progress

HIE Ecosystem: Governance

Layers of Governance	
Strategic Governance (HIE Steering Committee)	Creating a trusted environment for sharing information and articulating the strategic vision for all users. • Defining an HIE investment portfolio and monitor statewide investments in service of the Vermont's HIE goals. • Assessing the viability of investments, identify the needed level of investments, and consider the appropriate balance of public and private funds; and • Advancing HIE use cases- ensuring accountability of all parties involved in furthering the State's HIE goals and engage a broad range of stakeholders in the strategic planning and oversight activities.
Data Governance (VHIE and Data Sharing Partners)	Management of the availability, useability, integrity, and security of data which involves setting common policies and adopting the proper/required standards.
Organizational Governance (Health Data Producers and Users)	Establishment and oversight of a common set of behaviors, policies, and standards that enable trusted electronic health information exchange within an organization and amongst its constituents.

HIE Technology
Frame: HIE Systems and Capabilities

HIE Technology
Frame: HIE Services

End-User Services	
Reporting Services	Notification Services
Analytics Services	Consumer Tools
Care Coordination Tools	Patient Attribution & Dashboards

Exchange Services		
Data Aggregation	Data Access	Data Extraction
Terminology Services		Data Governance

Foundational Services	
Identity Management	Consent Policy & Management
Security	Provider Directories

HIE Ecosystem: Technology

Activity	Status
Complete implementation of VHIE Data Platform (Collaborative Services Phase II), ingest claims onto the VHIE system, and ready the system for additional new data types (Collaborative Services Phase III)	In Progress (expected completion: 9/30/21)
Continue to convene the Collaborative Services Subcommittee to provide VITL with direct user feedback on system implementation and deployment activities.	In Progress/Ongoing
Further define AHS' needs for VITL data services e.g., data to embolden care coordination, program and federal reporting, data warehousing, etc.	In Progress
Aggregate AHS' social determinants of health data on the VHIE.	In Progress (AHS currently defining data elements and mapping to interoperability standards)
Define strategy for further leveraging VHIE to enhance public health data management.	In Progress
System-wide compliance with federal interoperability rules	Complete/In Progress

What would you like to see in this year's HIE Plan Update?

- Committee discussion:
  - Unifying efforts around quality measurement and integrated data sets
    - Data dashboards; De-identified public data set; subcommittee?
  - Addition of participation from consumers/direct data contributors
  - Discussion of unified provider directory?
  - Data governance
  - Discussion of VHIE data model
    - Elements required for specific research requests
    - Data enclave for real-time data retrieval
  - *What else?*

Wrap Up

- Next Meeting: September 27, 2021
- There are 2 more meetings until the HIE Plan is due to the GMCB

- *What would you like to learn more about to support your role on the Committee? Examples-*
  - Update on learnings from the COVID response
  - UVM Cyberattack – VHIE role and lessons learned
  - Use cases for integrated clinical and claims data sets