

Vermont Health Information Exchange (VHIE) Onboarding Materials

Prepared by the HIE Program Team

What is Health Information Exchange (HIE)?

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Health IT and Health Information Exchange Basics

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Frequently Asked Questions

Health IT Terms and Definitions

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What is HIE?

HIE Benefits

What is HIE?

What is HIE?

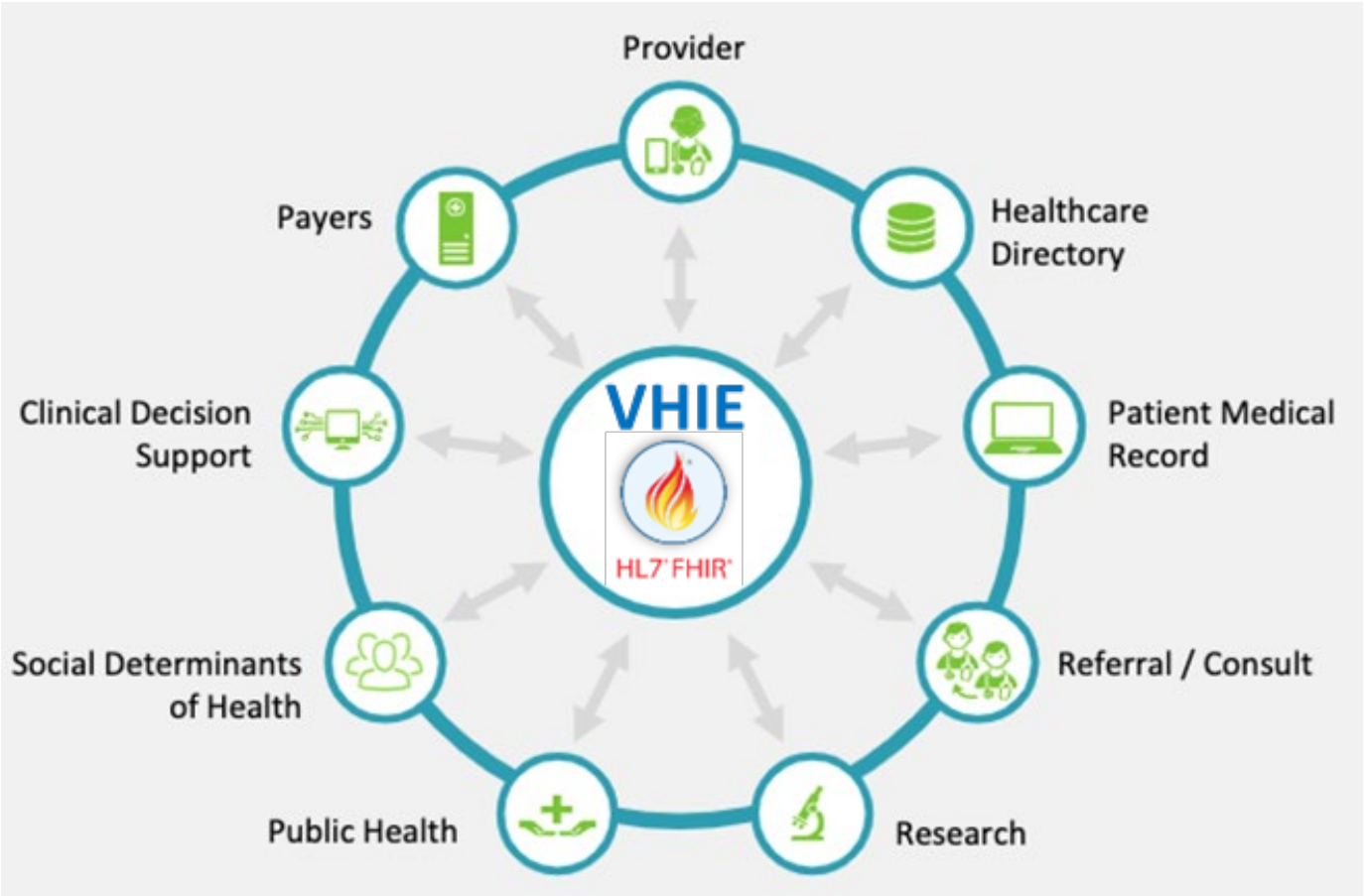
Electronic health information exchange (HIE) allows doctors, nurses, pharmacists, other health care providers and patients to appropriately access and securely share a patient's vital medical information electronically—improving the speed, quality, safety and cost of patient care.

Despite the widespread availability of secure electronic data transfer, most Americans' medical information is stored on paper—in filing cabinets at various medical offices, or in boxes and folders in patients' homes. When that medical information is shared between providers, it happens by mail, fax or—most likely—by patients themselves, who frequently carry their records from appointment to appointment. While electronic health information exchange cannot replace provider-patient communication, it can greatly improve the completeness of patient's records, (which can have a big effect on care), as past history, current medications and other information is jointly reviewed during visits.

Appropriate, timely sharing of vital patient information can better inform decision making at the point of care and allow providers to

- Avoid readmissions
- Avoid medication errors
- Improve diagnoses
- Decrease duplicate testing

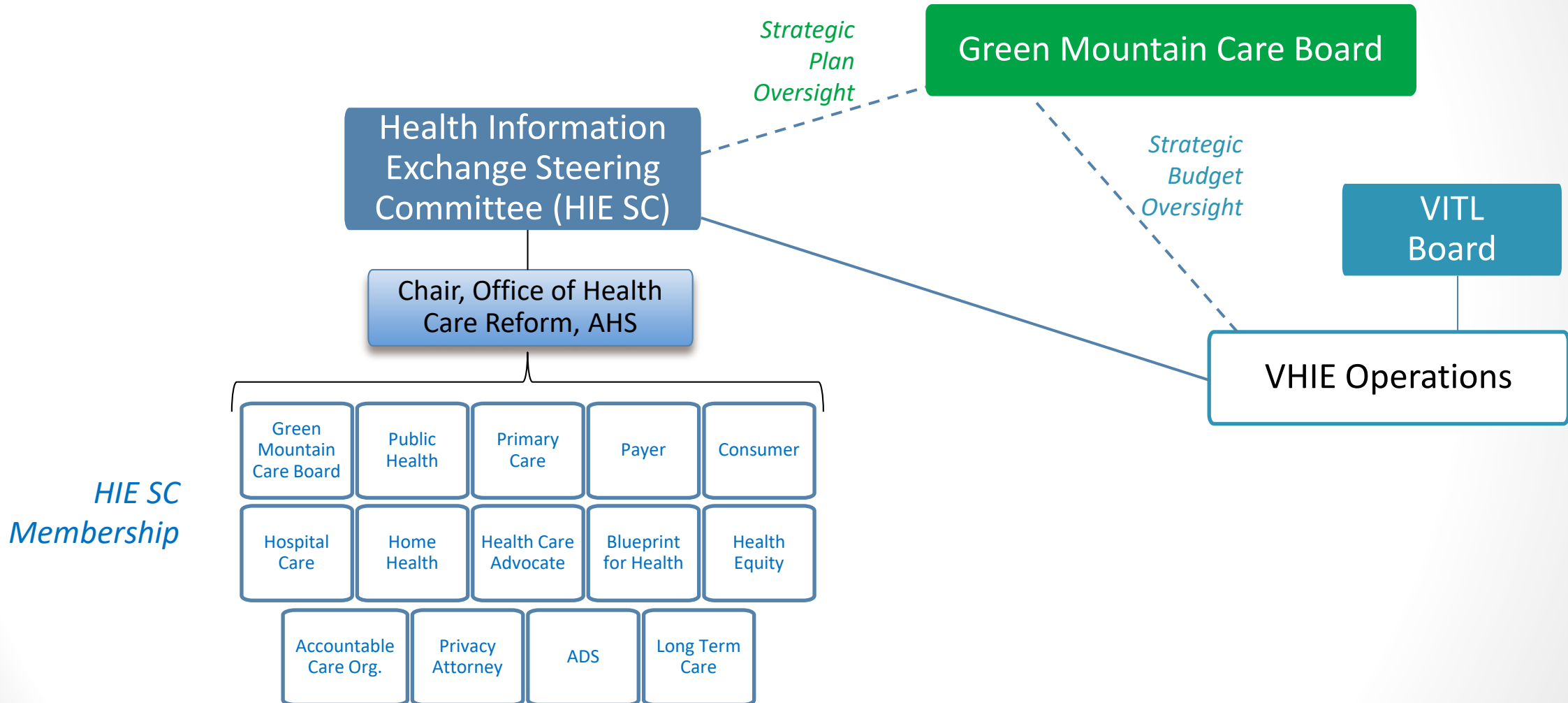
What is a Health Information Exchange (HIE)?



What does the HIE Enable?

- ✓ **Comprehensive** electronic patient information when and where needed
- ✓ Allow physicians to have **complete and current information** upon which to base clinical decisions
- ✓ Test results and imaging results always available eliminating repeat tests/imaging & **reducing costs**
- ✓ Real-time data aggregation to detect patterns (e.g.; bio surveillance) and drive **preventative care**
- ✓ **Quality and payment information** derived from record of care – not separate reporting systems
- ✓ Patients' empowerment with **access** to their own health records

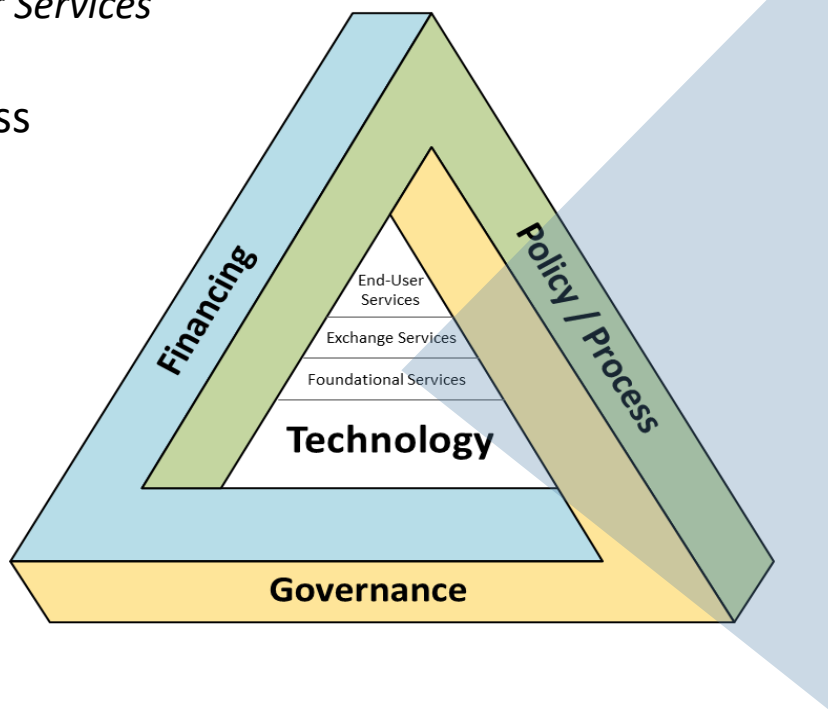
HIE Strategic Planning & Oversight Framework



Vermont HIE Ecosystem

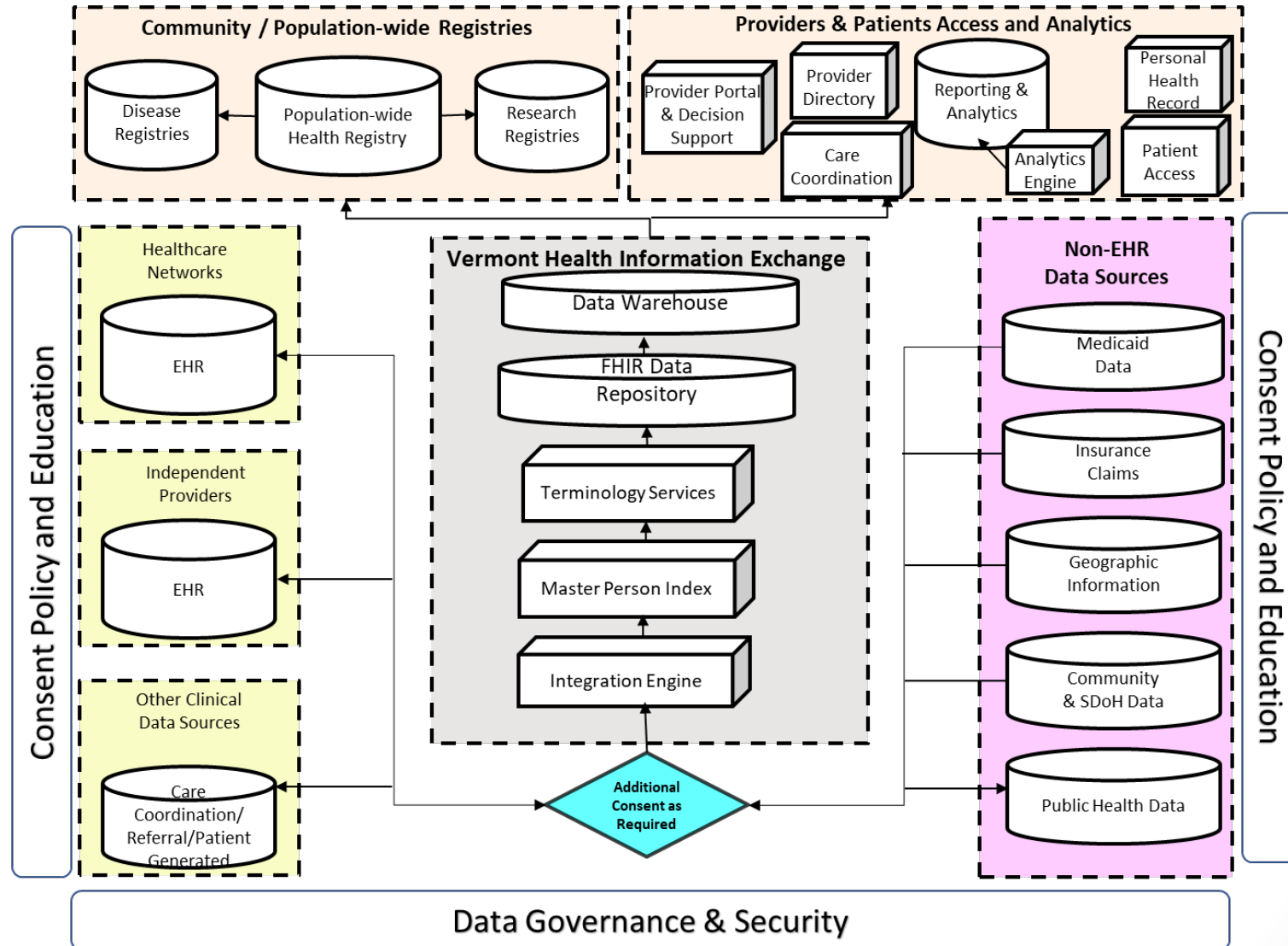
Four Key Components:

- Finance
 - ❑ Foundational Services
 - ❑ Exchange Services
 - ❑ End-User Services
- Governance
- Policy/Process



End-User Services		
Reporting Services	Notification Services	
Analytics Services	Consumer Tools	
Care Coordination Tools	Patient Attribution & Dashboards	
Exchange Services		
Data Extraction & Aggregation		Data Access
Interoperability	Data Quality	Data Governance
Foundational Services		
Identity Management	Consent Policy & Management	
Security	Provider Directories	

Vermont's Unified Health Data Space (UHDS) Model



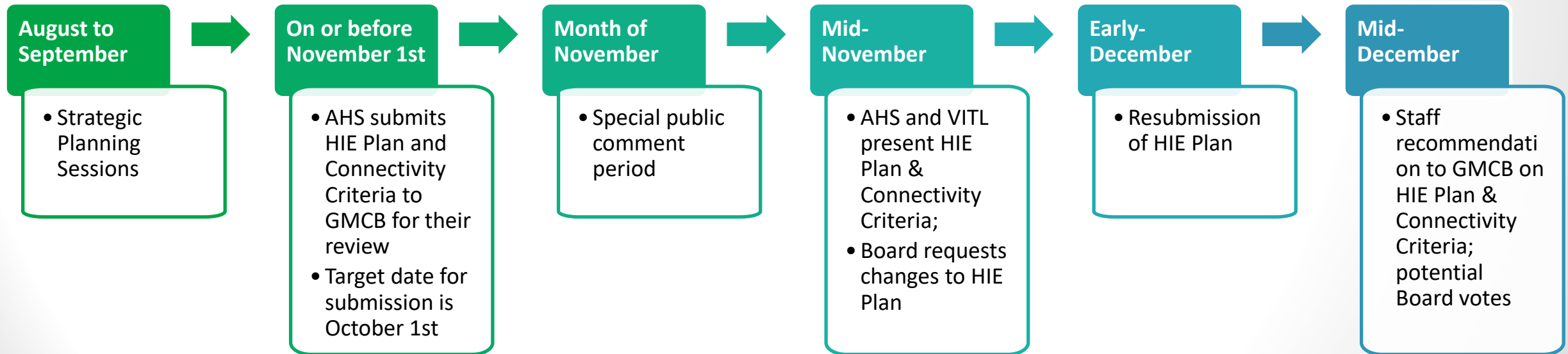
What Is Vermont's Unified Health Data Space (UHDS) ?

- The Unified Health Data Space (**UHDS**) is a collaborative initiative to streamline data services required to improve healthcare in the state of Vermont. Costs and usage of technology will be shared among the participants to avoid duplicative efforts and purchases.
- This Project is an integral part of reform efforts to support a broad spectrum of healthcare stakeholders and uses;
 - Point of Care (Providers)
 - Quality (ACO Provider Networks)
 - Policy Evaluation & Regulation (GMCB, VDH, Blueprint)
 - Patients (telehealth, personal health responsibility)
 - Population Health (preventative, health equity)
- Once this project is completed it will provide efficient access to needed information to a broad spectrum of important players in the healthcare reform arena. That information includes; **Clinical data, Behavioral Health & SUD data, Claims data, and Social Determinants of Health (SDoH) data.**

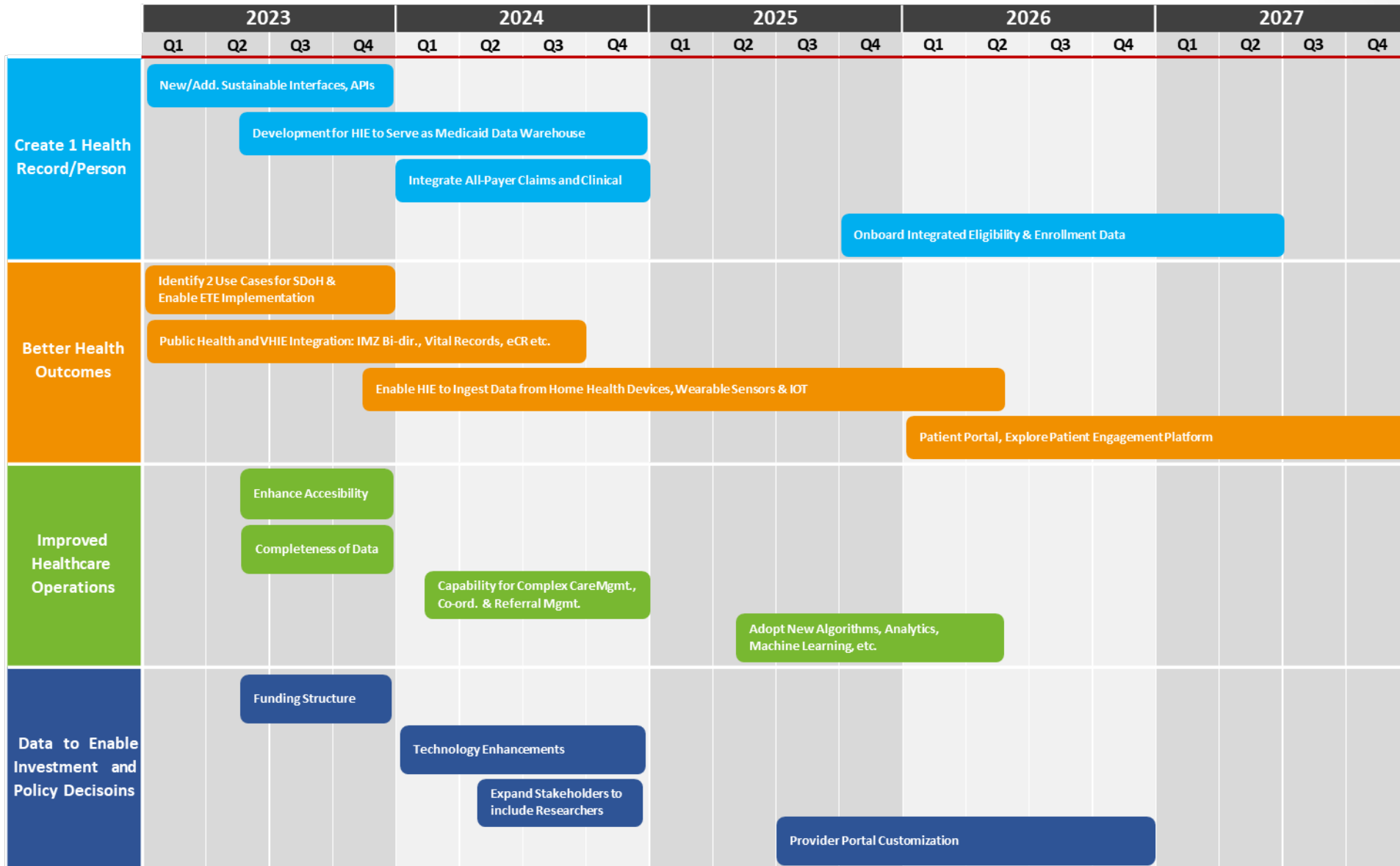
HIE Strategic Plan

- The [Health Information Exchange \(HIE\) Strategic Plan](#) is required by [18 V.S.A. § 9351](#).
 - The purpose of the Plan is to provide a strategy for 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.
 - Also see - [HIE Strategic Plan 2022 GMCB Presentation](#)

Plan Submission Timeline (Annually)



VHIE 2023-2027 Roadmap



HIE Steering Committee Charter

- **Purpose** of the HIE Steering Committee
 - Serve the needs of HIE users by advancing HIE use cases;
 - Strengthen the relationship between authority and accountability; and
 - Engage a broad range of stakeholders in strategic planning and oversight activities.
- Steering Committee's **Vision & Mission**
 - **Vision:** To enable health information exchange that promotes quality health care in Vermont.
 - **Mission:** To work across organizations and disciplines to create and endorse a shared view of the definition, purpose, and goals of the HIE in Vermont
- The Steering Committee identified **four overarching goals** in the HIE Plan that are intended to guide the state's health information exchange work.
 - Create One Health Record for Every Person
 - Better Health Outcomes
 - Improve Health Care Operations
 - Use Data to Enable Investment and Policy Decisions
- Ultimately, the Steering Committee exists to support development of a **state-wide strategic plan (the HIE Plan)** and guide implementation of that plan.

See "Appendix B: HIE Steering Committee Charter" on the [HIE Strategic Plan Update 2022](#) for more information

HIE Steering Committee Membership

Name, Organization	Role	Voting
Kristin McClure, AHS Office of Health Care Reform	Chair	Voting
Josiah Mueller, OneCare VT	ACO Representative	Voting
Simone Rueschemeyer, Vermont Care Partners	Mental Health & Substance Use Representative	Voting
Mary Kate Mohlman, Bi-State Primary Care Association	Primary Care Representative	Voting
Eric Schultheis, Vermont Legal Aid	Health Care Advocate	Voting
Jessie Hammond, Vermont Department of Health	Public Health Representative	Voting
Beth Anderson, VITL	HIE Representative	Non-Voting
Jimmy Mauro, Blue Cross Blue Shield	Payer Representative	Voting
Victor Morrison	Consumer Representative	Voting
Emma Harrigan, VT Hospital Association	Hospital Care Representative	Voting
Sandy Rouse, Central VT Home Health & Hospice	Home Health Representative	Voting
Helen Labun, Vermont Health Care Association	Long Term Care Representative	Voting
Kana Zink, Vermont Department of Health	Health Equity Expert	Voting
Gabe Epstein, AHS Legal	Privacy Attorney	Non-Voting
Vacant , Blueprint for Health Program	Practice Innovation Lead – Blueprint for Health	Non-Voting
Kathryn O’Neill, GMCB	Green Mountain Care Board	Non-Voting
Emily Wivell, Agency of Digital Services	Technologist/Security	Non-Voting

Logistics & Operational Support

Committee Logistics

- **Steering Committee Meetings** are held quarterly, both in-person and virtually via Microsoft Teams
- **2023 Meeting Schedule** –
 - Monday, January 30, 2023
 - Monday, April 3, 2023
 - Monday, September 18, 2023
 - Monday, October 23, 2023
- In addition to this **Strategic Planning Sessions** will be scheduled between August & September
- **Subcommittee** meetings are scheduled separately
- **Meeting materials** are posted on the committee's website and included in meeting invitations
 - <https://healthdata.vermont.gov/HIESteeringCommittee>
- Steering Committee members are asked to provide a **photo & bio** to be posted on the website

Ops. Support - *HIE Program Team*

Name	Role
Kristin McClure	Health Data Officer
Tim Tremblay	Data Integration Lead
Bechir Bensaid	Program Manager
Inna Podgornaya	Project Manager
Mahesh ThopaSridharan	Project Manager
Will Dempsey	Project Manager
Heriberto Troche	Medicaid Operations Administrator
Eli Hawgood	Medicaid Operations Administrator
Heather Kendall	Medicaid Operations Administrator
Abhilash Sasidharan	Business Analyst

<https://healthdata.vermont.gov/HIESteeringCommittee>

Home

Vermont's Consent Policy

Health Information Exchange Strategic Plan

Health Information Exchange Steering Committee

Steering Committee Members

2022 HIESC Meeting Materials

2021 HIESC Meeting Materials

2020 HIESC Meeting Materials

2019 HIESC Meeting Materials

Education and Resource Materials

PIP/EHRIP

Contact Us

HIE Steering Committee

In partnership with the Agency of Human Services, the Health Information Exchange (HIE) Steering Committee works across organizations and disciplines to create and endorse a shared view of the definition, purpose, and goals of HIE in Vermont. Each year, the Steering Committee supports the Agency is updating a strategy for improving and developing state-wide health data infrastructure. The strategy is called the HIE Plan. Throughout the year, the Committee works to serve data users by advancing their needs; strengthen the relationship between authority and accountability; and engage a broad range of stakeholders in strategic planning and oversight activities.

The Steering Committee meets quarterly. If you have any questions regarding the Steering Committee, please email [Kristin McClure](mailto:kristin.mccclure@vermont.gov), Health Information Exchange Program Director, Agency of Human Services.



HIE STEERING COMMITTEE MEETING MATERIALS



HIE STEERING COMMITTEE MEMBERS

Vermont Information Technology Leaders (VITL)

- **VITL** was statutorily authorized in 2007 to be the exclusive operator of the state-wide HIE network
- VITL is
 - a Non-profit Organization
 - based in Burlington, Vermont
- Please visit <https://vitl.net/about-the-vhie/> to learn more about VITL and the VHIE
- In January of 2021, VITL provided a webinar session for AHS and other stakeholders including HIE Steering Committee members, and their constituents - [VITL Education Series](#). The presentation includes the following and much of the information contained is still relevant to date
 - How VITL serves
 - Who participates
 - Data & services
 - Data sharing volume
 - Recent projects

Vermont's Medicaid Agency: Agency of Human Services

