



Vermont Information Technology Leaders, Inc.

FY2017 Budget Presentation February 4, 2016

Meeting Objectives

- Presentation of VITL's value and planned activities.
- Review for approval VITL's core activities and budget for FY2017.

FY2017 Environmental Factors

- Vermont Health IT Fund sunset provision (6/30/2017)
- Vermont all-payer waiver status
- Revised Vermont Health IT Plan
- HCO consolidation
- EHR industry consolidation
- Big data trends
- Meaningful Use Stage 3
- CommonWell Health Alliance
- Evolving technical exchange standards
- ONC 10-year interoperability roadmap

VITL Value and Planned Activities

- VHIE Operations and Expansion
- Point of Care Services
- Clinical Data Management Services
- Data Quality Services
- Internal Business and Operations
- Financial Outlook

VITL: Delivering Value

VITL - Delivering Value

Vermont Health Information Exchange (VHIE)

Improving the health of Vermonters

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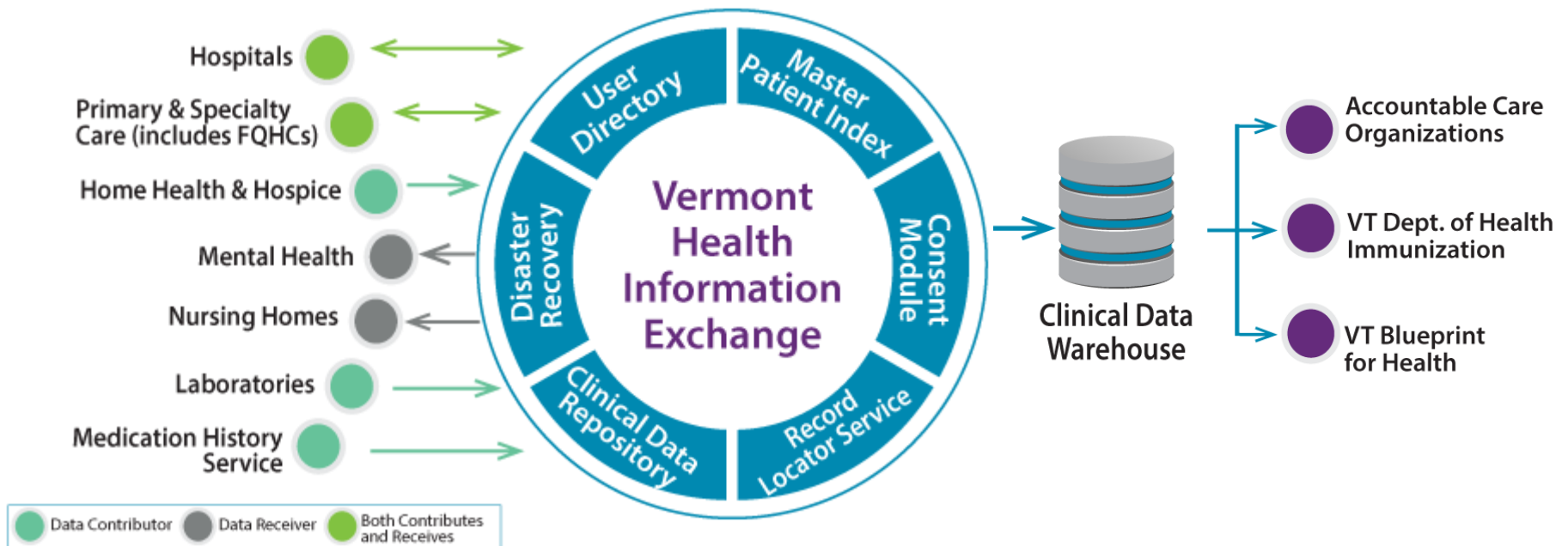
Improve the quality of care and the patient experience

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Reduce the rate of growth of cost of healthcare

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VHIE Operation and Expansion



VHIE: Ongoing Activities

- Information security and privacy.
- Maintenance of existing connections.
- VHIE software licenses and hosting.
- VHIE software and system upgrades.
- VHIE provider services.
- Modify or replace connections due to EHR changes.
- External client technical support services / helpdesk.
- Internal support services.

Dr. Adam Buckley

In a recent interview with Dr. Adam Buckley, chief information officer for The University of Vermont Health Network, he described the challenges in connecting disparate health IT systems.



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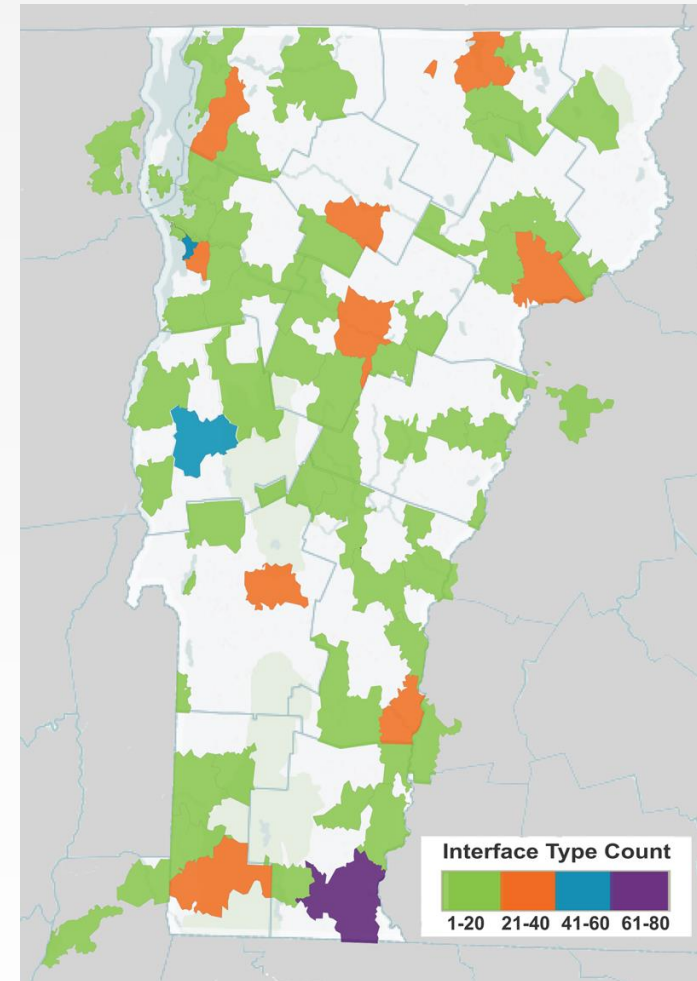
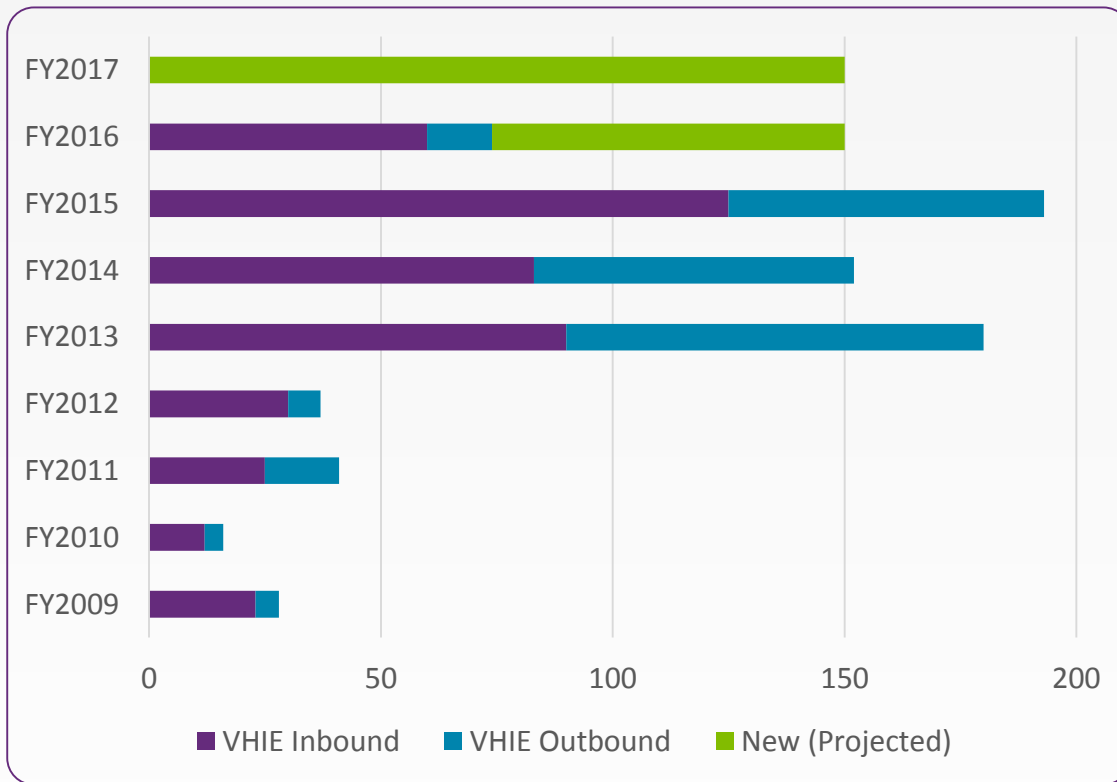
VHIE: New Activities

- ❖ VHIE New Connectivity (Discovery -> Implementation):
 - Additional interfaces with existing contributors: CCD interfaces from remaining hospitals
 - Traditional interface connections with new providers: Admit Discharge and Transfer, laboratory results
 - Connection with new types of data: physiological data from home health agencies
 - eHealth Exchange Compliant (Sequoia Project) connections: Department of Veterans Affairs Medical System
- ❖ VHIE Operational Efficiency Improvements:
 - Person and beneficiary (MPI) matching: 3rd party evaluation
 - Consent (Automated consent, Substance Abuse Treatment consent, More detailed audits):
 - Improved implementation consistency
 - 42 CFR Part 2

❖ Designates alignment with VHITP Initiatives

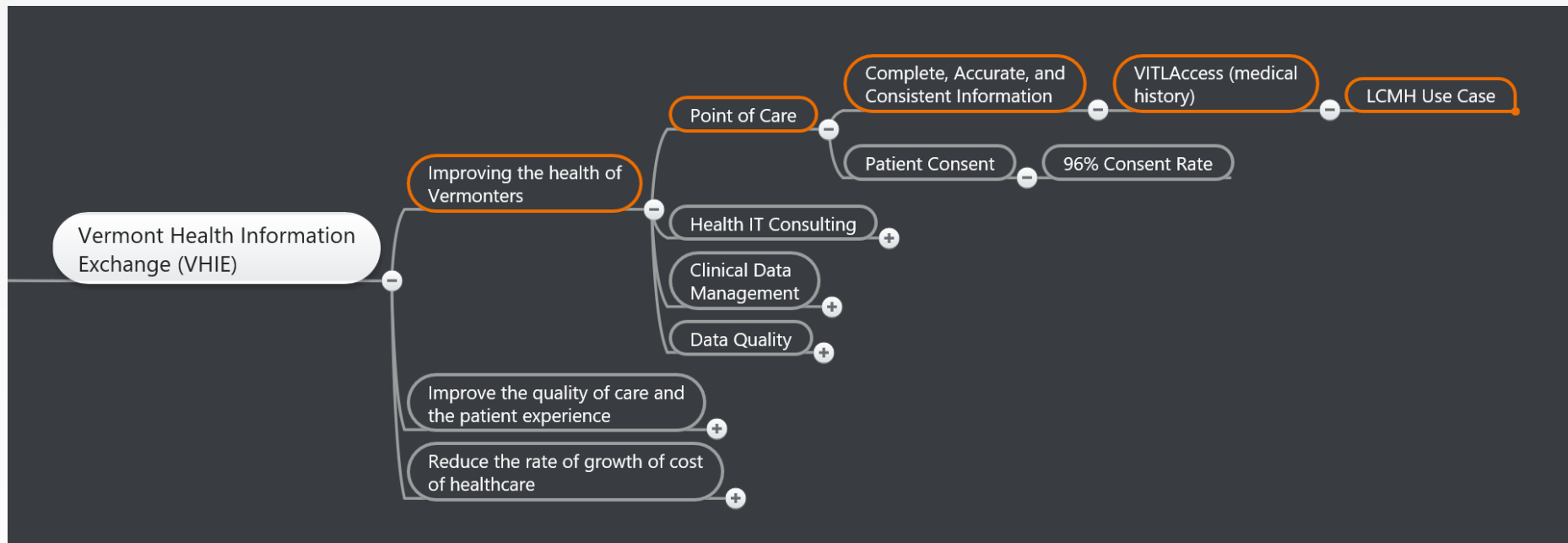
Interface Counts by Fiscal Year

(Includes new and replacement interfaces)



Approximately 40% of all interfaces are replacements for existing interfaces

VITL: Improving the Health of Vermonters



Lamoille County Mental Health

In this video, Lamoille County Mental Health staff describe how they use VITLAccess to improve services for their clients.



Video Clip

Point of Care Services



Provider Portal (VITLAccess)

Event Notification (PatientPing)

Patient / Provider Texting (Pilot)

Secure Provider Communications (VITLDirect)

Health IT Consulting

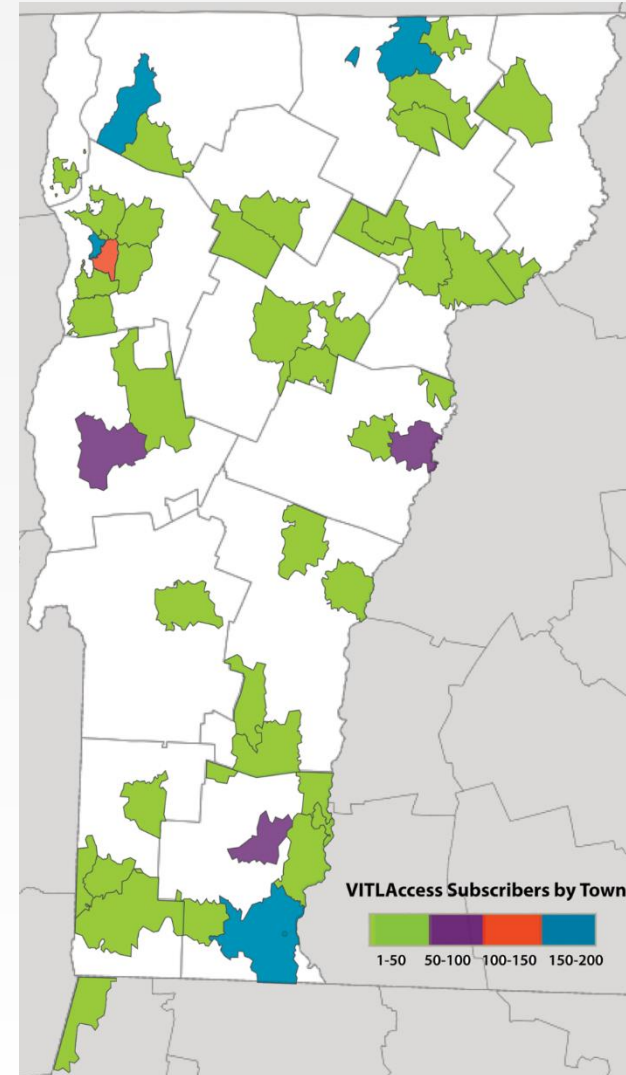
VITLAccess: 2015 Status

VITLAccess Subscriber Statistics:

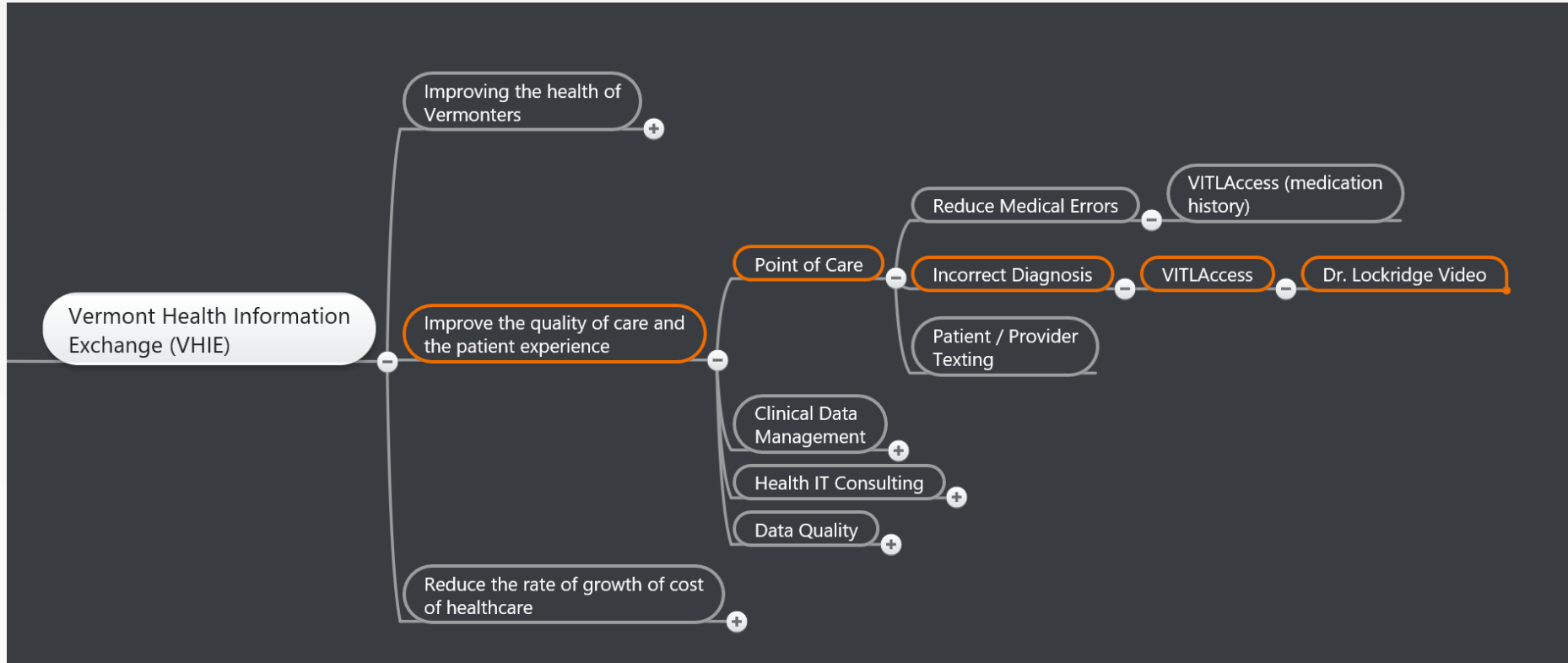
Number of healthcare locations	100
Number of authorized users	1,932
Number of patient data queries performed	162,359
Number of data elements per query	6.9
Number of patient data queries per user	84

Consumer Consent Statistics:

Percent of consumers who have given consent	96.0%
Percent of consumers who have declined to give their consent	4.0%



VITL: Improving Quality of Care



The Costs of a Misdiagnosis

“With VITLAccess, my staff can search the entire state records and come up with information that is important for a patient. VITLAccess has streamlined our office activities and it’s definitely improved the care of our patients”

Leslie Lockridge MD

Northeast Kingdom Hematology/Oncology



Video Clip

VITLAccess

Ongoing

❖ Increase VITLAccess Subscribers

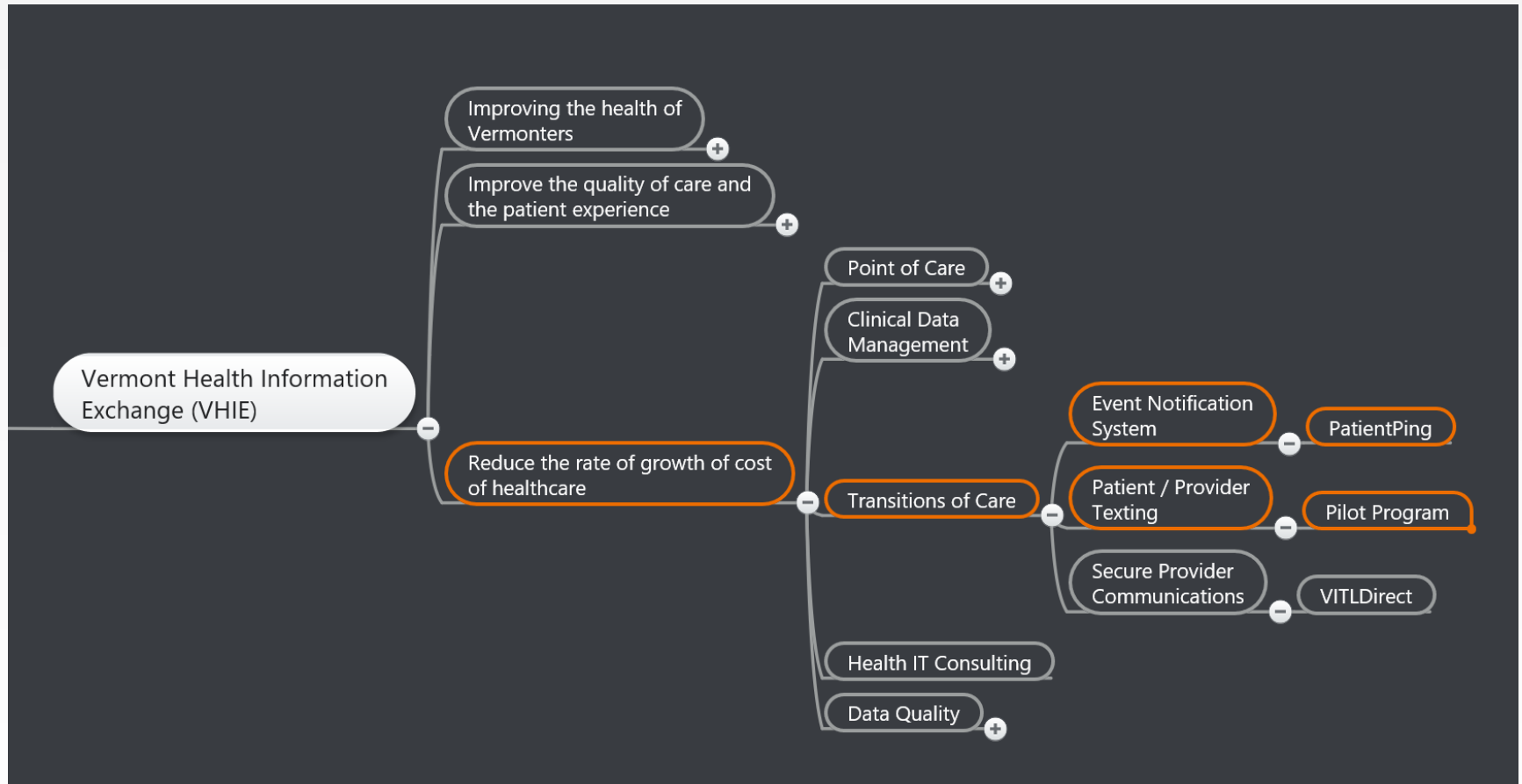
- Increase pace of VITLAccess onboarding (Profile, Enroll and Launch)
- End user training and education
- Patient consent training
- Single sign on with one hospital EHR

New Activities

- ❖ Increase VITLAccess utilization by current subscribers through additional education & training:
 - Webinars
 - Sharing use cases
 - Promoting best practices
- ❖ Increase utilization in new health care segments:
 - Independent mental health providers
 - Dentistry
 - Pharmacy
 - VCCI

❖ Designates alignment with VHITP Initiatives

VITL: Supporting Transitions in Care



Point of Care Services: New Activities

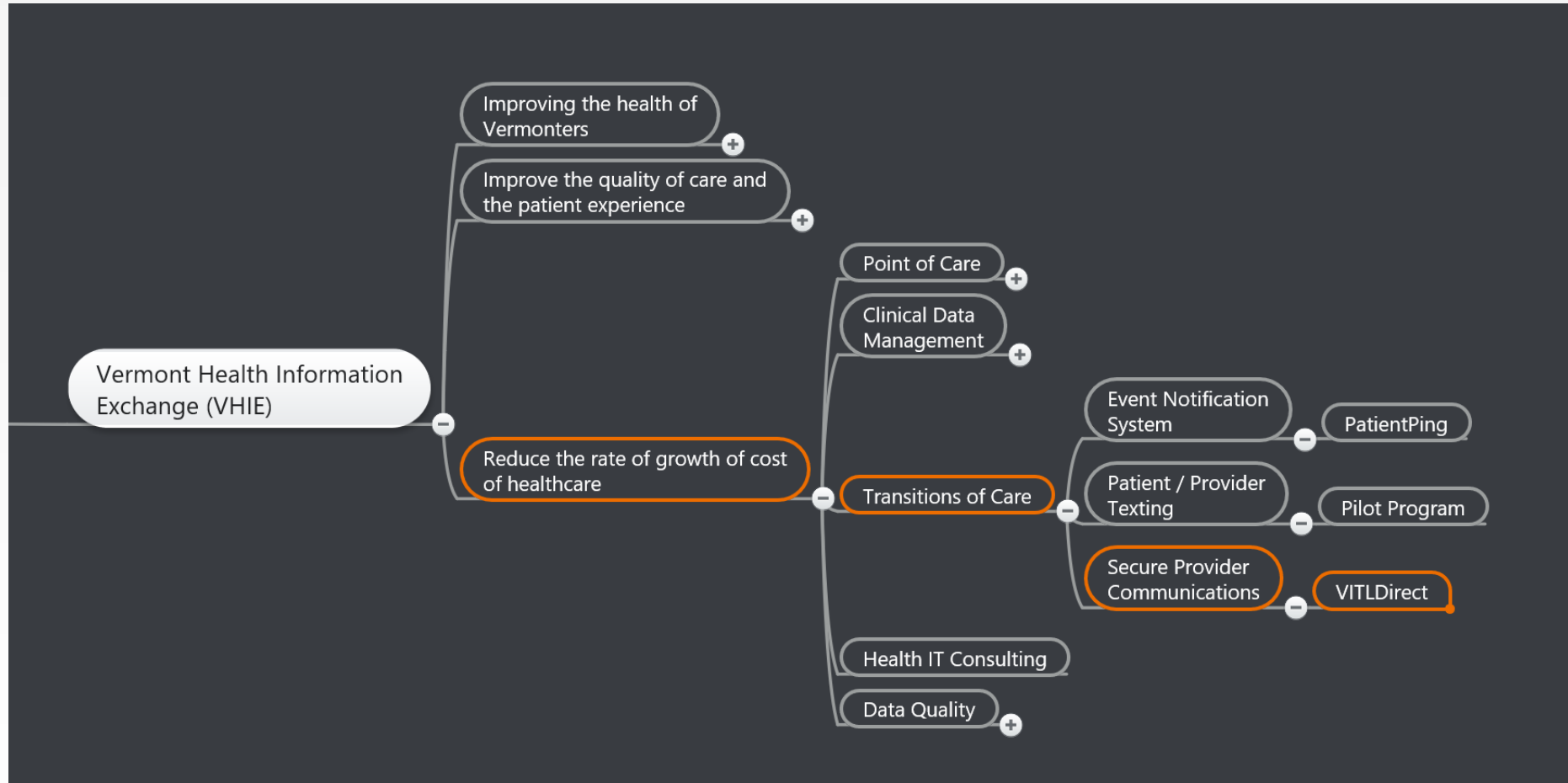
Event Notification Service PatientPing

- Current Activities:
 - Maintain ADT data feed (with consent)
 - Support roll-out to provider community
- New Activities:
 - Continued maintenance and support

Patient-Provider Texting Pilot Underway

- Current Activities:
 - Supporting pilot program.
- New Activities:
 - Lead generation for patient texting vendor

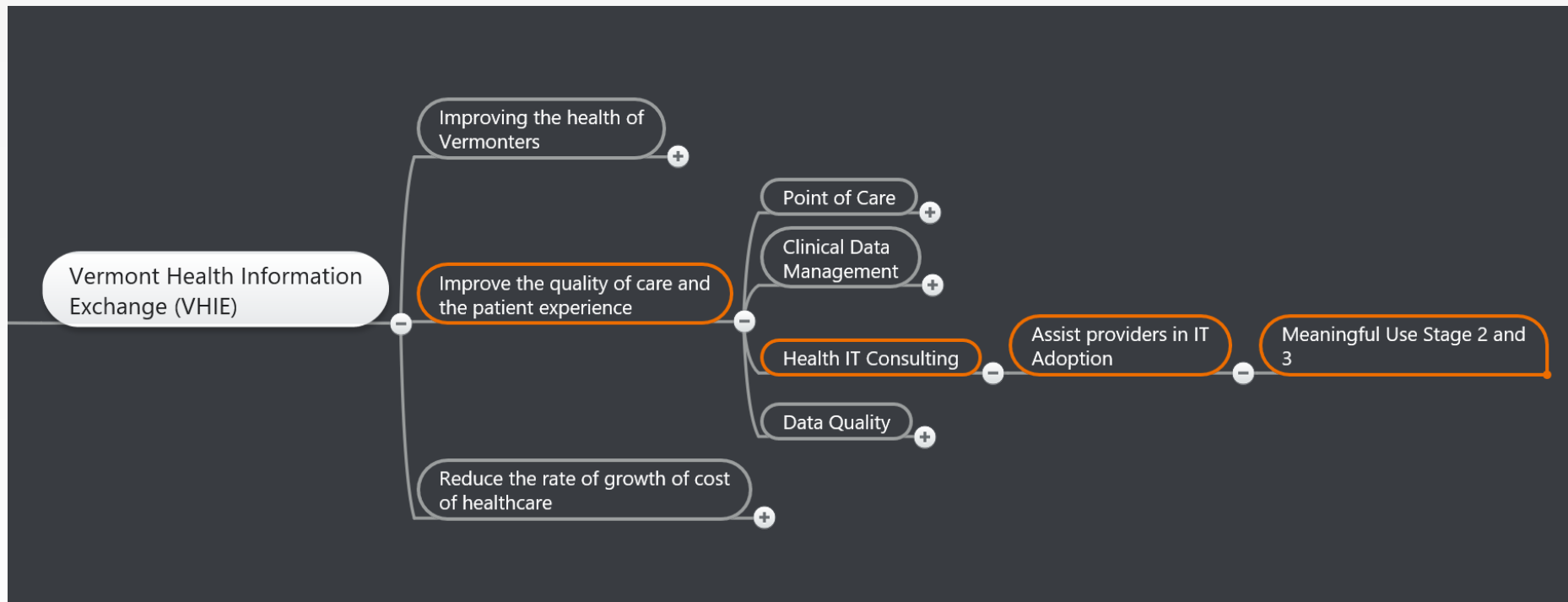
VITL: Secure Provider Communications



VITLDirect

- Current Subscriber Organizations:
 - Northeastern Vermont Regional Hospital
 - Northwest Medical Center
 - Southwestern Vermont Medical Center
 - The University of Vermont Medical Center Post-Acute Organizations
 - Burlington Health and Rehab
 - Green Mountain Nursing Home
 - Vermont Department of Corrections
 - Wake Robin
- New Activities:
 - None planned

VITL: Health IT Consulting



Health IT Consulting

Ongoing

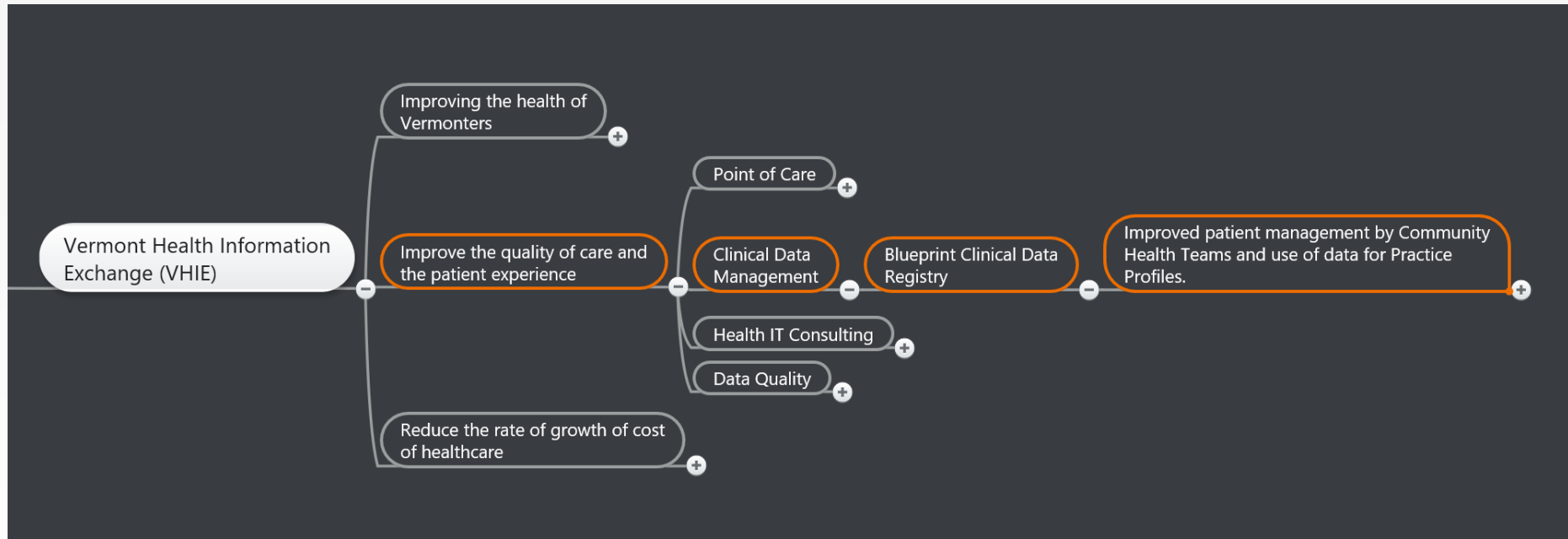
- ❖ General Health IT Consulting:
 - Technical solution consulting
 - Security Risk Assessment
 - Workflow assessments
- Meaningful Use consulting for eligible professionals: MU 2
- ❖ Source data quality consulting:
 - Vermont Care Network data quality project: Stage 2
 - Blueprint Sprint data quality projects
 - ACO data gap remediation

New Activities

- ❖ Strategic Health IT Consulting:
 - Technical solution consulting
 - Connectivity criteria
 - Security Risk Assessment
 - Workflow assessment
- Meaningful Use consulting for eligible professionals: MU2 and MU3
- ❖ Source data quality consulting:
 - Vermont Care Network data quality project: Stage 3
 - Blueprint Sprint data quality projects
 - ACO data gap remediation: Phase 2

❖ Designates alignment with VHITP Initiatives

VITL and the Blueprint for Health



Supporting Health Care Reform in 2015

"VITL is an incredibly important strategic partner to the Blueprint program. The vision of a continuously improving health system depends on having timely and accurate data, and our teams have developed the ability to collect high quality data from medical record systems all across the state. VITL has helped to make this a reality in Vermont."

*Craig Jones MD, Director
Vermont Blueprint for Health*



Clinical Data Management Infrastructure: Ongoing Activities

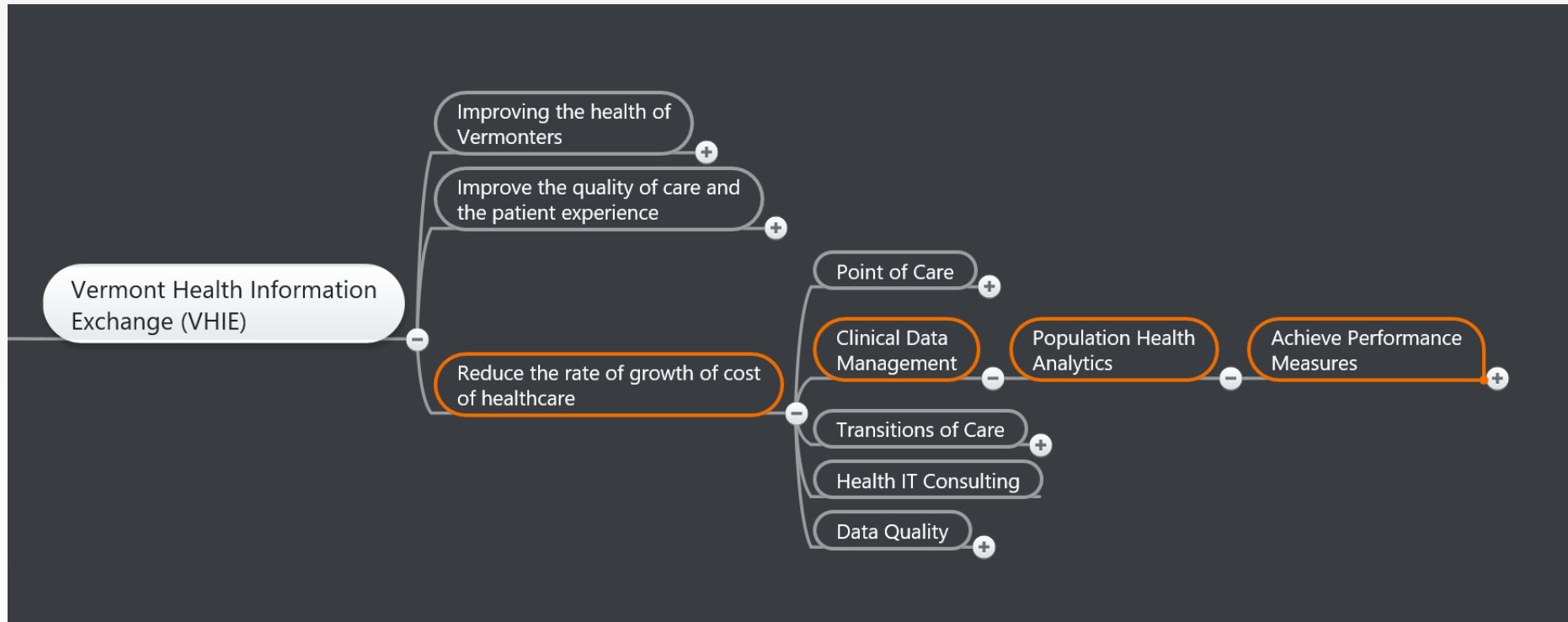
- ❖ Data warehouse maintenance and operations:
 - Infrastructure maintenance.
 - Completion and maintenance of Admission, Discharge and Transfer (ADT) data gateway for PatientPing event notification system.
- Specialized interface services:
 - Maintenance of existing gateways:
 - Blueprint for Health Clinical Registry.
 - Vermont Department of Health Immunization Registry.
 - ACO gateways and data marts.
 - Maintenance of Continuity of Care Documents (CCD) Query to UVMHC.

❖ Designates alignment with VHITP Initiatives

Clinical Data Management Infrastructure: New Activities

- Data marts for Community Health Accountable Care (CHAC) and Healthfirst.
- Basic clinical data analytics.
- Data quality dashboards.
- Specialized interface services:
 - Substance abuse data filter for FQHCs.
 - Connection to Vermont Chronic Care Initiative (VCCI).
- Specialized Master Person Index (MPI) for clinical data warehouse.

VITL: Supporting Population Health



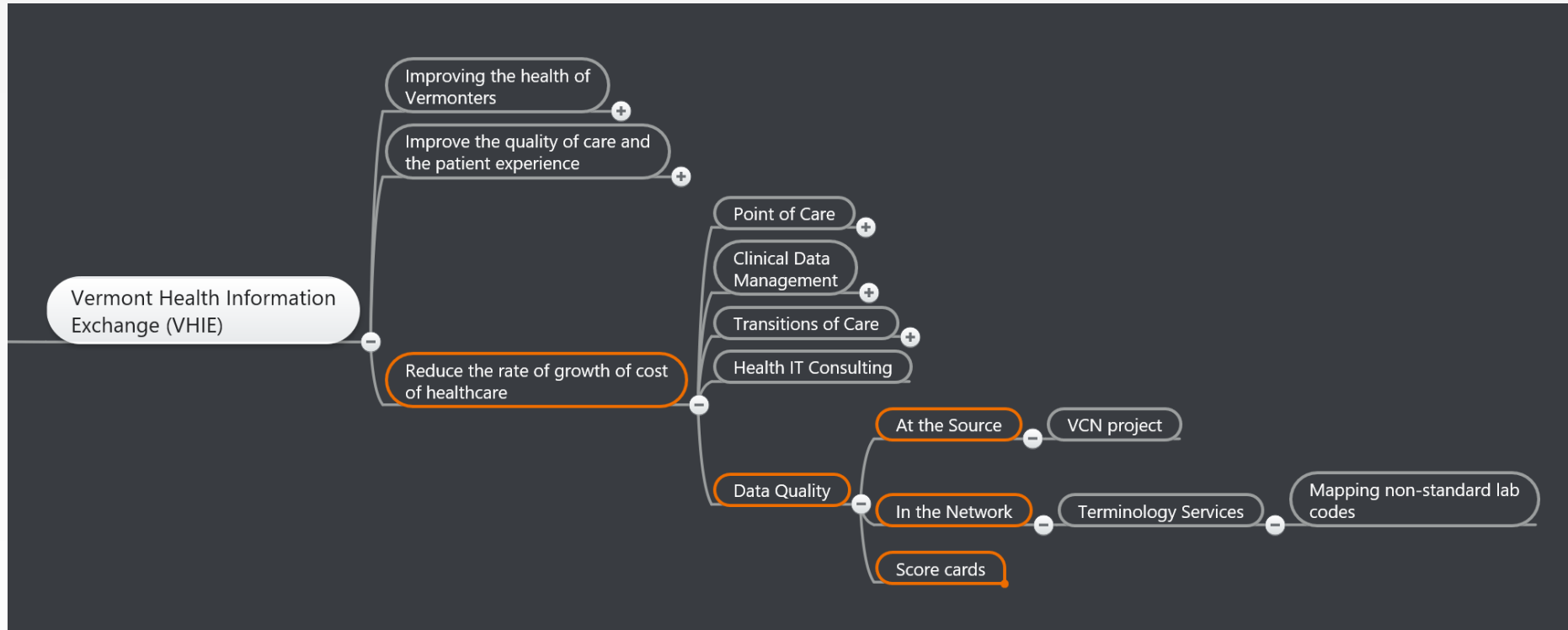
VITL and OneCare Vermont

In December, VITL conducted interviews with key stakeholders. Here is what Todd Moore said about the need for information sharing.



Video Clip

Reducing Cost by Improving Data Quality



Data Quality Services





- **At the source:**
 - ongoing*
 - Next phase of VCN data quality project.
 - Blueprint data quality efforts.
 - new*
 - Additional data quality consulting.
- **In the network:**
 - ongoing*
 - Deploy terminology services.
 - new*
 - Expand terminology services.
- **Score cards:**
 - ongoing*
 - HCO data quality reporting.
 - VDH Immunization data validation.
 - new*
 - Client specific reporting and analytics.

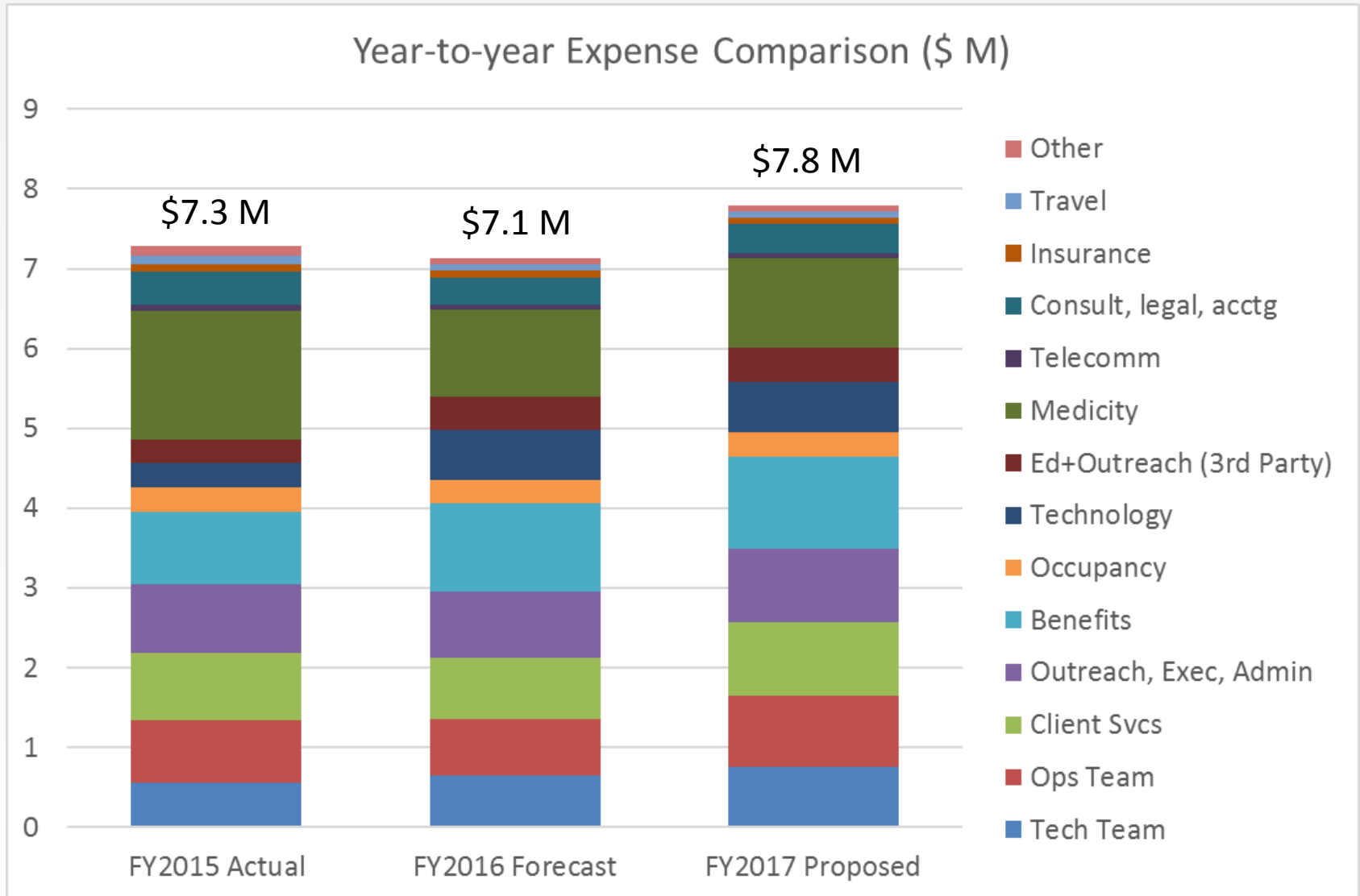
Budget Process



Funding Sources and Uses

Funding Source	Use
DVHA	VHIE operation, maintenance and expansion (note, this grows at up to 40% of development costs when such projects are mainstreamed)
OneCare Vermont	Shared VHIE maintenance
VHCIP / SIM	ACO development (overhead absorption) <div>  </div> <ul style="list-style-type: none"> • Gap Analysis & Remediation • Gateways • Data Quality
APD	Project-specific Development (overhead absorption) <div>  </div> <ul style="list-style-type: none"> • VITLAccess Onboarding • Data Quality • Single Sign-on • 42 CFR Part 2 • Cancer Registry • VPMS • Provider Health IT Survey

Year-to-Year Expenses



Timing

Activity	Schedule
Input solicitation	Ongoing
Projected budget amounts from DVHA	January, 2016
Projected budget amounts from SIM	March, 2016
VITL projects total costs <ul style="list-style-type: none"> Iterative process to match funding sources with activities 	January – April, 2016
GMCB review of all activities and budget GMCB approval of public portion of budget	February, 2016 April 1, 2016
Agreement(s) negotiated and drafted	February - April, 2016
Agreement finalized and routing at State	April 4, 2016
Signature	June 30, 2016

Questions?