
Health Information Exchange in Tennessee

Presented by
Janet King
Executive Director
Middle Tennessee eHealth Connect

June 11, 2011

Health Information Exchange

Health Information Exchange (HIE) is an electronic movement of health-related information among organizations utilizing nationally recognized standards and policies.

- HIE can be a noun.
 - Referring to an organization that operates to share data across separate organizations

 - Hie can be a verb.
 - Referring to the act of sharing of information between two separate entities.
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Why is Health Information Exchange important?

- The ability to exchange health information electronically is the basic and critical capacity of data accessibility and data sharing that is the foundation for improving healthcare in the United States.
- HIE makes all relevant patient information available where it's needed, when it's needed, and by whom it's needed.
- This increased availability of relevant health information through HIE:
 - Provides a key building block for improved patient care quality and safety
 - Provides the means to reduce duplication of services with a resultant reduction of healthcare costs
 - Facilitates reduced operational costs by enabling automation of many (currently) manual administrative tasks
 - Enables the integration of sick (illness) care with well care
 - Stimulates consumer education and involvement in their healthcare process

Tennessee...

Has been on the forefront of Health Information Exchange since 2004 with two HIEs at opposite ends of the state

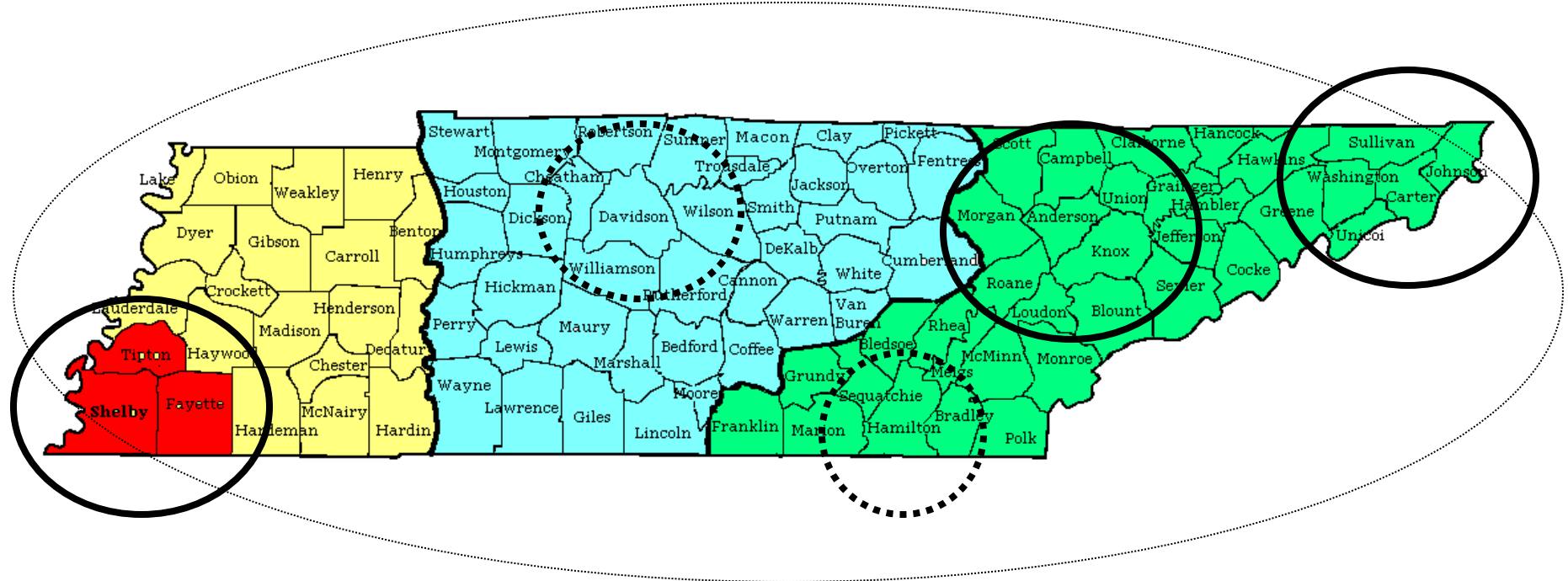
- MidSouth eHealth Alliance in Memphis

- Operational since May 2006
- Partnership between State of Tennessee, Agency for Healthcare Research and Quality, Vanderbilt, and Memphis healthcare organizations

- CareSpark in the Tri-Cities area in East Tennessee

- Operational since 2007
 - Initiated by volunteers with the Community Health Improvement Partnership (CHIP)
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Health Information Exchanges were operational in Tennessee



CareSpark - Tri-Cities Area

MidSouth eHealth Alliance (MSeHA) – Memphis

Innovation Valley Health Information Network (IVHIN) Knoxville-currently sharing images

Middle Tennessee – Nashville/Davidson County (initially)

In 2009 HIP TN was formed

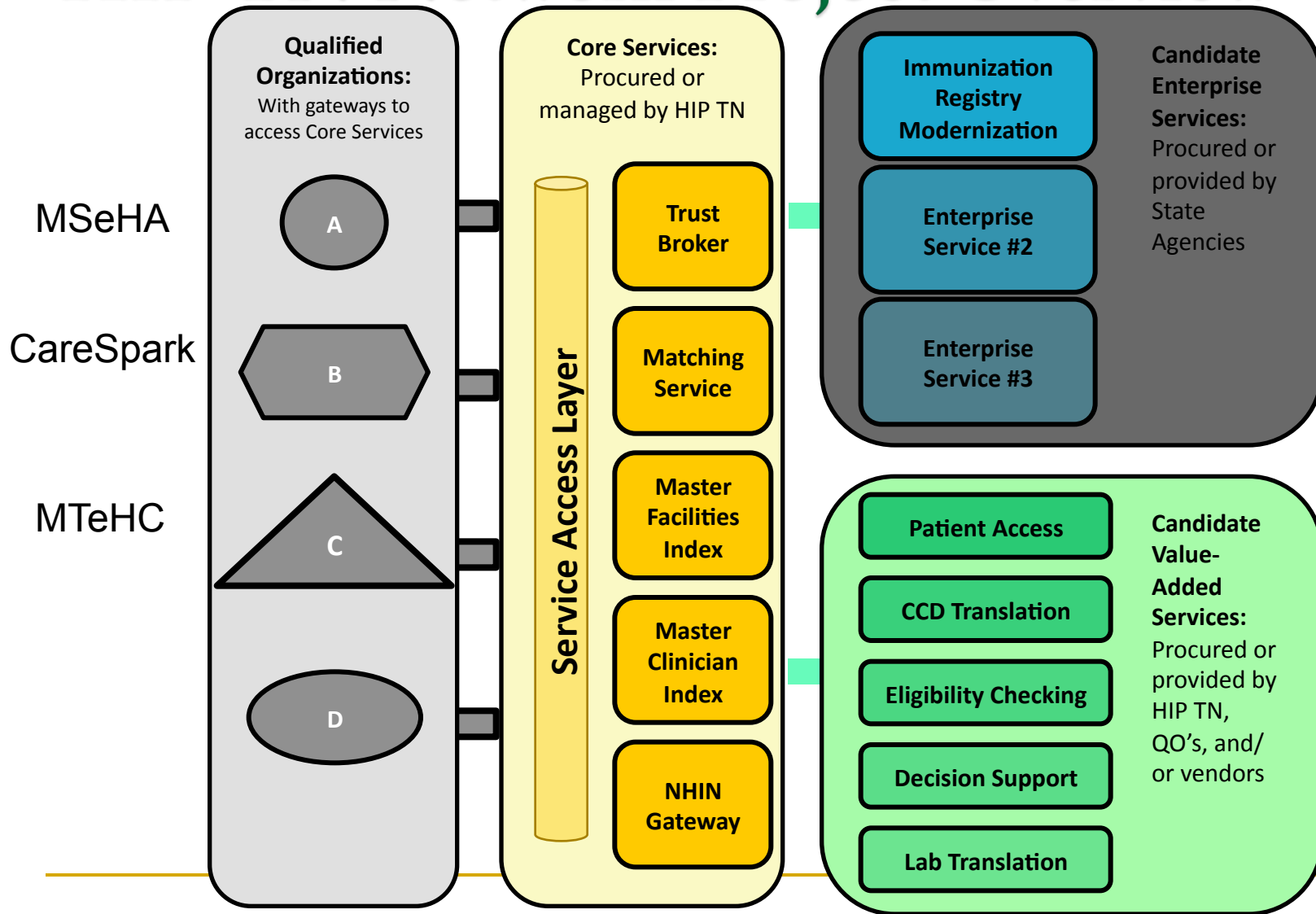
- *Health Information Partnership for Tennessee*

Mission:

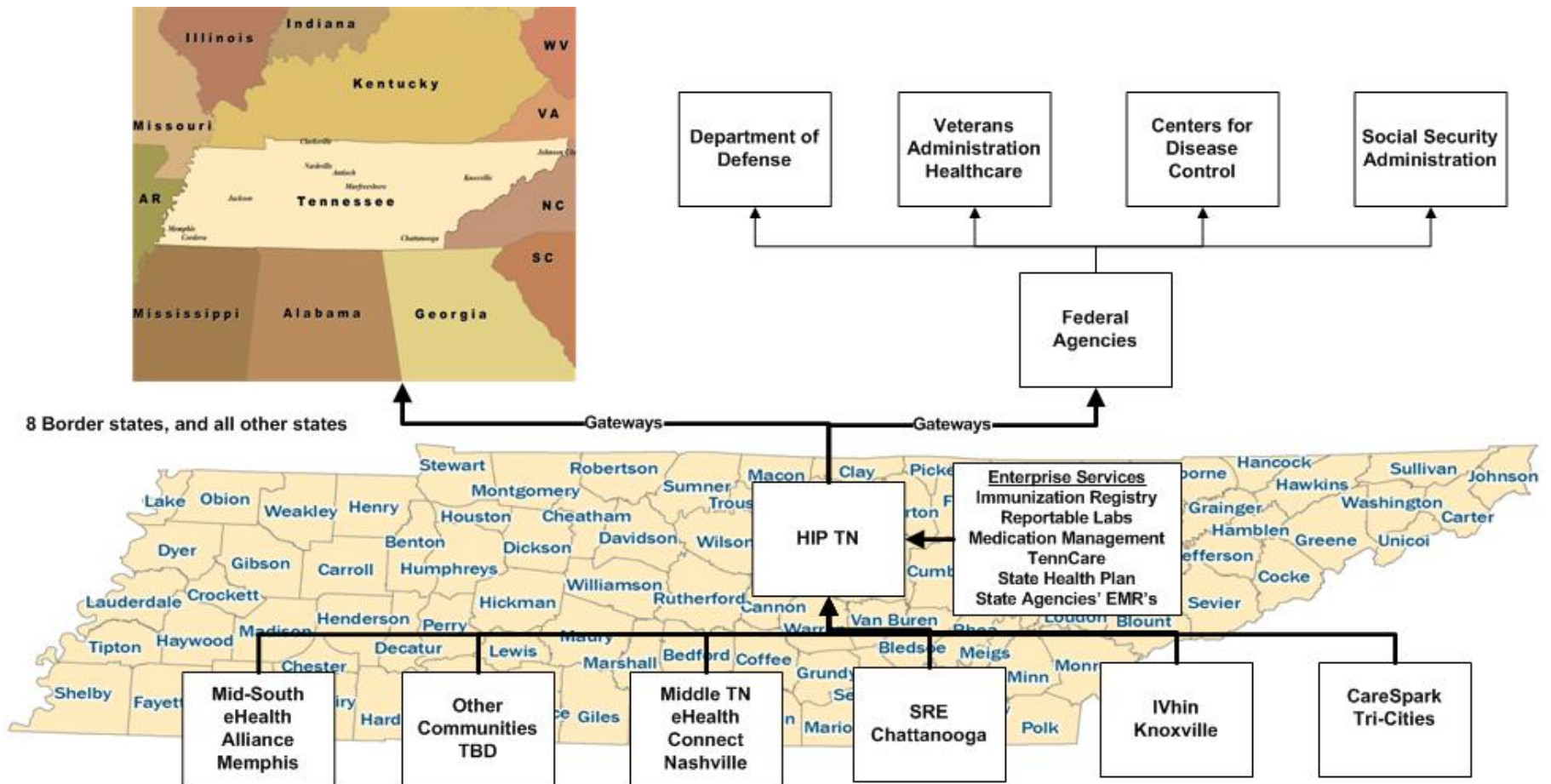
HIP TN is a Tennessee not-for-profit organization that works to improve access to health information through a statewide collaborative process by providing services and infrastructure for the secure electronic exchange and use of health information.

www.hiptn.org

HIP TN Network Project Overview



State HIE Architecture



Middle Tennessee eHealth Connect

Vision:

To create a vehicle for the comprehensive exchange of health information among community healthcare providers for the purpose of improving the value of services delivered and the health status of the general public.

- Incorporated in 2009
- 501 (c) (3) designation received May 2011
- Participants include the large Health Systems in Nashville/Davidson County, United Neighborhood Health Services, University Community Health Services and Matthew Walker
- First use is scheduled to be in the Fall of 2011
- First Use setting will be in Emergency Departments and Safety Net Clinics

www.midtnehealth.com



Potential Benefactors of Exchange

- Patients
 - ❑ Decreased duplicate testing, Out Of Pocket expenses, Opportunity Costs, Radiation exposure
 - ❑ Data can be accessed across multiple providers
 - ❑ More opportunity to be informed about their care
 - Clinicians/Providers
 - ❑ Immediate access to patient information from other institutions
 - ❑ Reports that obviate the need to order tests
 - ❑ Safer transitions in care
 - ❑ Lower costs burden of quality reporting
 - Employers
 - ❑ Reduced utilization of services
 - ❑ Lower costs to insure employees
 - Government
 - ❑ Lower costs of Medicare and Medicaid care delivery
 - ❑ Public Health
 - ❑ Measure and track health improvement initiatives through research and public programs
 - ❑ Track influenza outbreaks
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The future of HIE: the noun and the verb

- Physicians/clinicians sharing information more easily as patients are referred to specialists and returned to the primary care provider or medical home
 - Patients can have the ability to add their provider's data to their own personal health records
 - Improved opportunity for Public Health surveillance
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Questions?

- www.midtnehealth.org
 - www.hiptn.org
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