



OeHI

Office of eHealth Innovation

OeHI's Social-Health Information Exchange Strategy

ACC Provider & Community Experience
Subcommittee

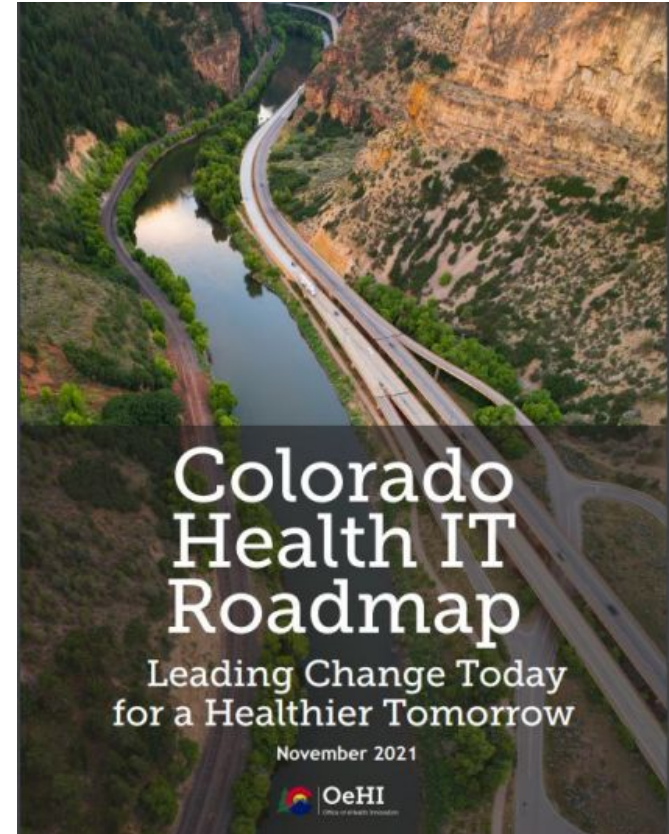
May 11, 2023

Our Mission:

Accelerate technology-driven health transformation by aligning public and private initiatives to support Colorado's commitment to become the healthiest state in the nation.

Our Goals:

- Equitable access to health information
- Coordinated in-person, virtual, and remote services
- Inclusive and innovative use of trusted health solutions



Patient Data Sharing 1.0 Health Information Exchanges (HIEs)

- System-dependent
- Analytics gaps
- Hospital-centric
- EHR change → workflow reconfiguration

Emerging needs:

Public health data
modernization

Patient/client empowerment

Automated reporting/analytics

Non-clinical data sources

Patient Data Sharing 2.0 Social Health Information Exchanges (SHIEs)

- System agnostic
- Flexible
- Data flows when/where needed for care coordination
- Patient-centric

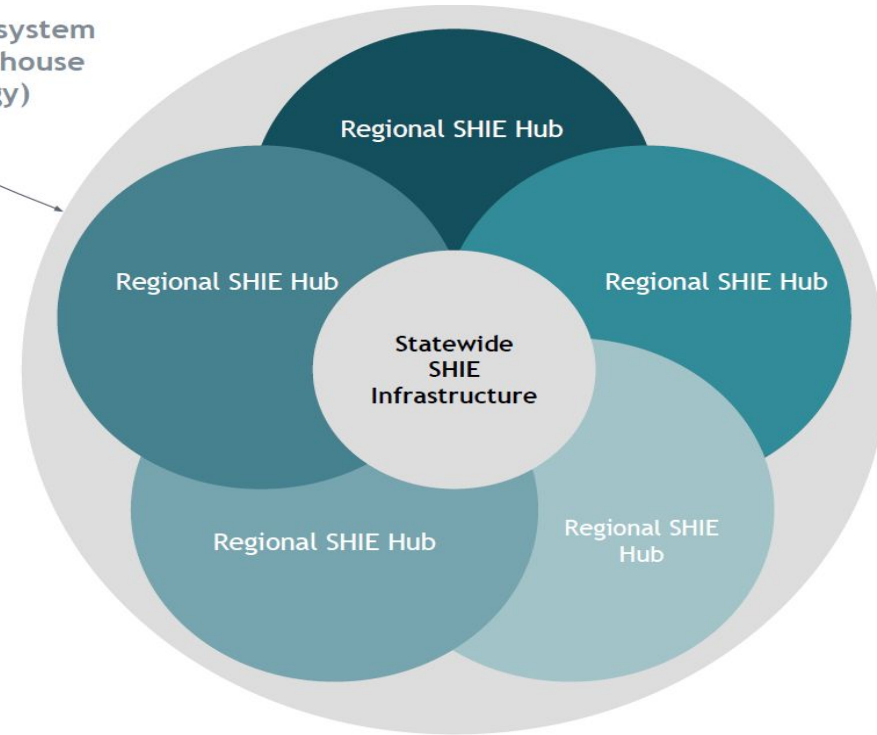
Two-Pronged Approach:

- Vendor agnostic ecosystem
- Focus on interoperability and data governance
- Build upon existing regional successes

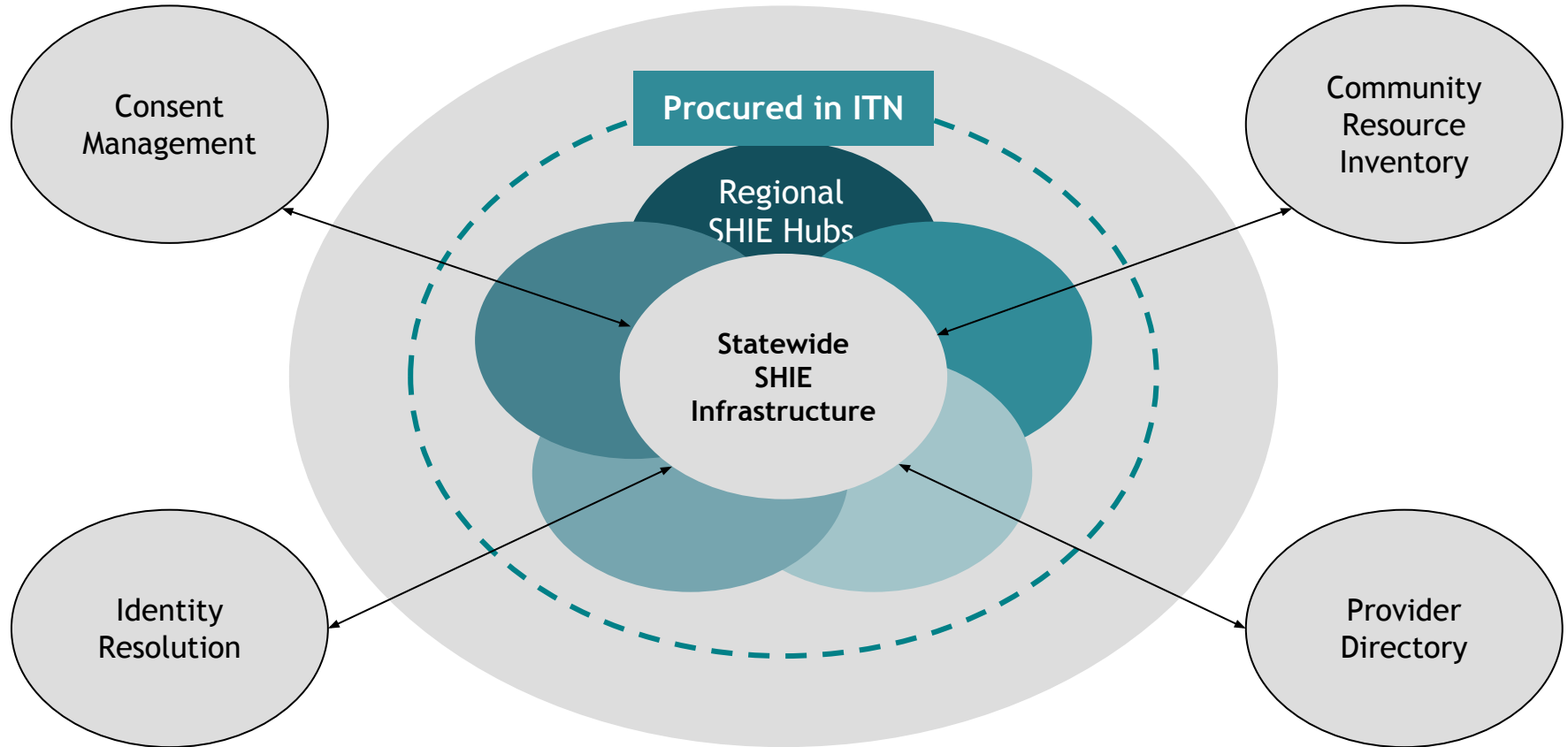
Goals:

- Providers stay in their preferred system
- Reduced duplication of screenings
- Reduced burden of social care delivery

The SHIEcosystem
(Data Lakehouse
Strategy)

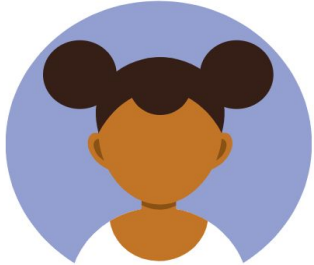


Procuring the SHIEcosystem





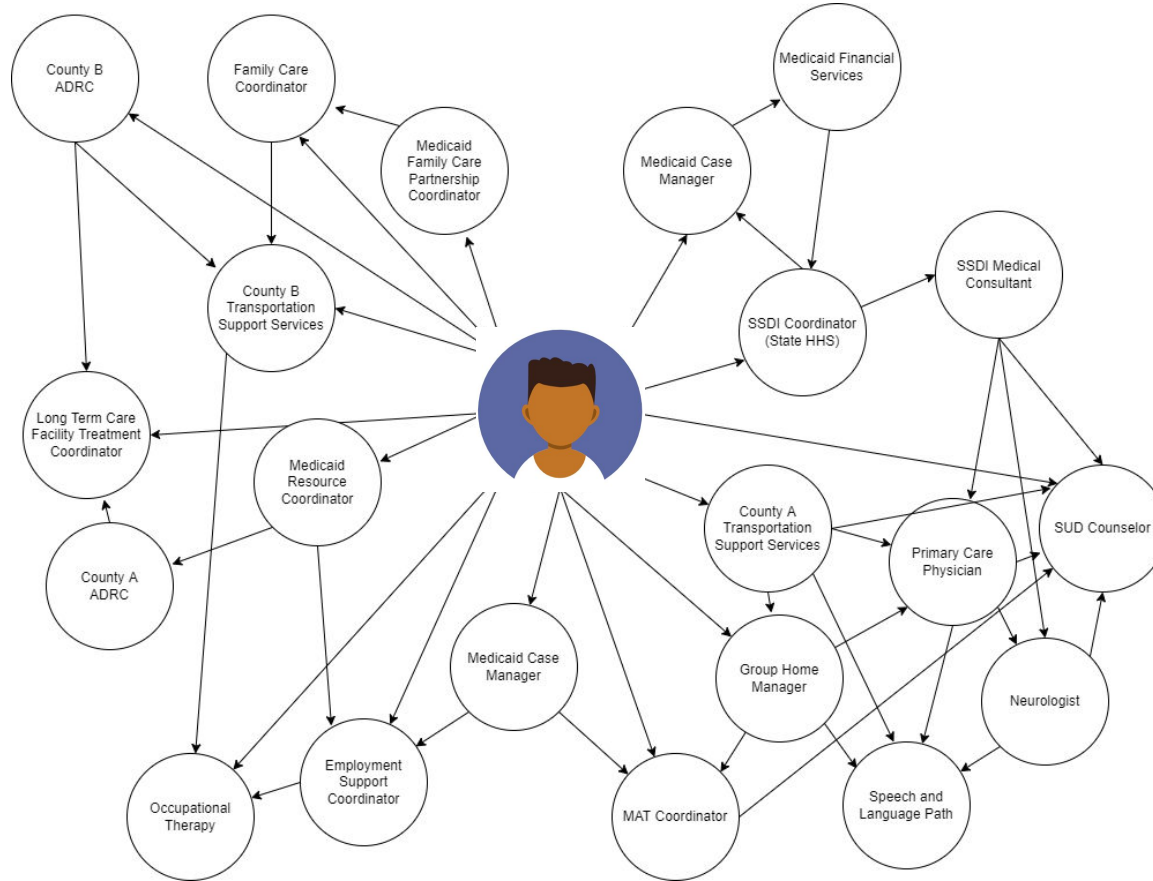
- **Client:** Adrian, age 35, from Mexico, currently residing in Pueblo with his husband and daughter, enrolled in Medicaid
 - **Daughter:** Lucia, age 8, enrolled in HCBS services due to an intellectual disability
- **Clinical Health Concerns:** Multiple chronic health conditions including diabetes and depression
- **Social Risk Factors:** Live in a food desert, lack reliable transportation, poor Internet access





- **RAE Care Coordinator:** Elizabeth, assigned to Adrian
- **Goals:**
 - Efficiently connect clients to the health services they want and need to thrive
- **Challenges:**
 - Manual workflows
 - Duplicative work in multiple systems

Navigating the SHIEcosystem



Data silos
disempower
providers
and people.



Interoperability allows all provider types to access whole-person data in their preferred system.

- Adrian is able to get connected with services for himself and his daughter through **one point of contact**.
- Because his care coordinator Elizabeth knew his transportation situation, he was able to get **transit vouchers** and enroll in a phone-based diabetes management program and teletherapy to **reduce his in-person medical visits**.
- He learned he's eligible for a **home delivery food program**, and he was able to get enrolled without a long intake process.

- **Case managers and providers do not need to:**
 - Leave their preferred system
 - Re-screen the client or ask them to recall their full health history and recent changes
 - Request medical or other care records
 - The client has already consented to share all data in the system

- **Referral organizations do not need to:**
 - Leave their preferred resource management tool
 - Ask for a comprehensive health history
 - Follow up to get more info because not enough was provided to complete the referral
 - Fax anything

- **Reduced:**
 - Trauma
 - Duplicative services
 - Time spent on own case management
- **Improved:**
 - Relationship with the safety-net system
 - Treatment outcomes
 - Access to information
- **Prescribe Programs, Not Just Pills**



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Thank you!

Please reach out any time!

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<https://oehi.colorado.gov/>