TEXAS
Health and Human Services

INFORMATION TECHNOLOGY

INTEROPERABILITY CENTER OF EXCELLENCE (ICOE)

December 2022

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Agenda

1. Introduction
2. Vision/Purpose of HHS' interoperability CoE
3. Address Matching
4. Q&A

iCoE Vision
Vision Statement & Purpose

<u>VISION</u>: *The Mission of the Interoperability Center of Excellence (iCoE) is to Provide Support and Recommended Solutions for Business Capabilities Related to System Data Exchange, Interoperability and Integration.*

<u>PURPOSE</u>:
1. Codify the agreed upon purpose of the iCoE.
2. Provide a summary of the impact/change to the Enterprise.
3. Agree on the business and technical outcomes.
4. Enhance stakeholder and agency communication.
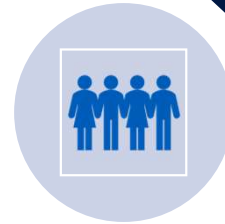
INTEROPERABILITY
CHALLENGES

DISJOINTED COORDINATION

Needs/Require strong coordination between different organizations, organizational challenges

LIMITED BUDGET

Organizations don't have the financial or technical resources to build interoperable system

DIVERSE TECHNOLOGY

Organizations have different rules and regulations, therefore

LEGACY SYSTEMS

Organizational challenge to maintain and modernize systems while meeting interoperability requirements

Interoperability **COE (iCoE)**

The Three Pillars of a Center of Excellence

Governance
- Policies
- Guidelines
- Guardrails
- Technical strategy
- Centralized tools

Brokerage
- Provider selection
- Solutions architecture
- Sourcing advisory

Community
- Community of practice
- Collaboration
- Knowledge sharing
- Code sharing
- Training
- Change Mgmt leadership

Interoperability Center of Excellence

iCoE Timeline

GOVERNANCE
- Held Kick-Off Meeting and 1st meeting with Core iCoE team.

iCoE LEAD:
- Developed Draft Reference Architectural Definition Document (ADD) for interoperability

GOVERNANCE
- Held 1st meeting with Core iCoE team.

COMMUNITY
- Presented Reference Architectural Definition Document (ADD)
- Developed an example/Template for a program ADD

GOVERNANCE
- Held 2nd meeting with Core iCoE team.

COMMUNITY
- **SCOPE**: Medicaid Services and Behavorial Health

Planned Meetings
- Meetings for core IT and program iCoE teams, that were planned in Nov, were cancelled due of the Nov holidays (Veteran's & Thanksgiving)

JUL AUG SEPT OCT NOV

- Received approval on the iCoE approach from the sponsor and lead

GOVERNANCE/COMMUNIY
- Held kick-off meeting with select program/business teams.

Interoperability topics will be narrow in scope to exercise the process and artifacts desire from the process.

Address Matching **(iCoE)**

GOAL: Higher quality patient data matching and exchange.

Address Standardization/Matching
HHS/HHSC/DSHS

- Texas SB 475 (87th R)/TGC 2054.137 – Data Management
  - Establishment of a Data Management Officer (DMO), who has the authority to guide the agency towards a mature data governance program. This includes:
    - Master Data Management (MDM) – e.g. Patient address information
    - Information/Data Security

- MDM and address standardization.
  - HHSC uses Informatica, a data management and data quality tool, for mastering their data.
  - DSHS has the State Health Analytics & Reporting Platform (SHARP) platform, however, it's not mastering patient data currently.

- HHSC's implementation of Informatica utilizes USPS pub 28 for address standardization.

HHS ENTERPRISE INTEROPERABILITY STRATEGY
iCoE

- Begin with select programs within the 2 agencies (HHSC & DSHS)
- Identify and Pilot projects to validate the new iCoE process

- iCoE Process
  - Evaluate the AS-IS Enterprise Environment and Interoperability Options
  - Building out HHS' reference architecture; identifying standards and technology/technology platform(s) and refine the architecture process (ADM).
    - Establish the integration/ Interoperability requirements
  - Assess Solution Option and the required Agency Outcomes in partnership with programs