



Re-Designation of CRISP

As the State Designated HIE

July 17, 2025

DRAFT



CRISP Overview

MHCC - July 17, 2025

• CRISP Background

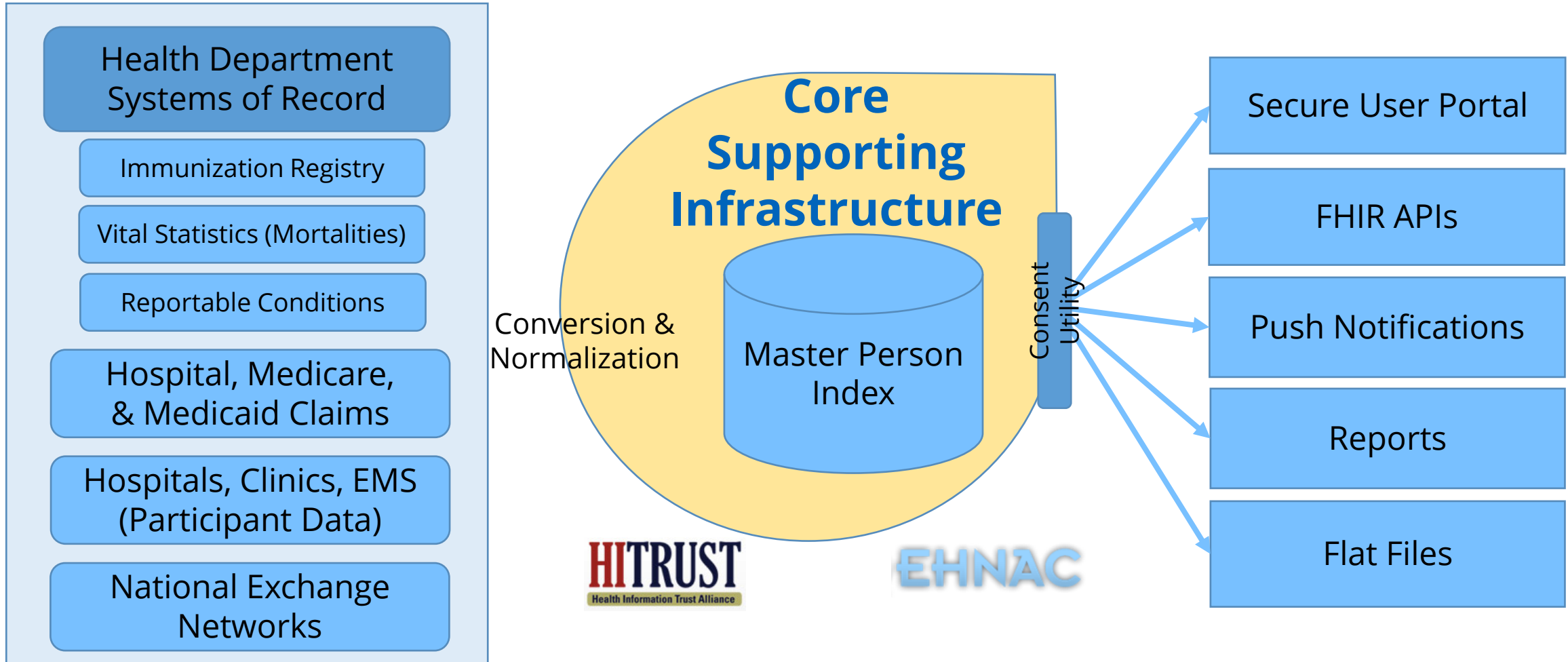
- State-Designated Health Information Exchange (**HIE**) and Health Data Utility (**HDU**)
- Shared infrastructure reused across multiple states
- **Key Benefits:**
 - Help healthcare providers deliver faster, better care by promoting data sharing across the region
 - Assist in the evaluation of public health interventions
 - Coordinate care between different providers, ensuring a more cohesive healthcare experience for patients
 - Lower patient healthcare costs by reducing repeated tests



Vision: To advance health and wellness by deploying health information technology solutions adopted through **cooperation** and **collaboration**.



Technology Components



Extensive Real-time Connectivity



Bi-directional data exchange and data use agreements enable critical point of care and population health interventions:

- Physicians identify duplicate testing from other facilities
- Public health agencies receive faster case reporting
- Behavioral health and human services programs receive data with patient consent
- State-level reporting shows spend and quality by geography over time
- Shared infrastructure promotes transparency, buy-in, and accountability

The single, shared public private partnership increases overall use while achieving economies of scale as shown in weekly measures:

- 675,000 clinical documents processed
- 205,000 patient searches
- 3,500,000 event notifications sent
- 1,500,000 pieces of data pushed into EHRs
- 49,000 active users across 2,100 organizations

Key Contributions to Maryland's All Payer Models

- **Data Integration and Accessibility:** CRISP provides a centralized platform for aggregating and sharing health data across various providers and payers, facilitating comprehensive care coordination and lowering the barriers to collaboration
- **Support for Value-Based Care Initiatives:** CRISP enables onboarding and attribution for program participants, pushes real-time clinical event alerts to care teams, and reports financial progress for programs such as Hospital Global Budget Revenue (GBR), Episode Quality Improvement Program (EQIP), and Maryland Primary Care Program (MDPCP)
- **Enabling Population Health Management:** CRISP's analytics services support public health initiatives by providing timely population-level data, aiding in the design of dashboards and measurement of interventions
- **Reuse Across all Sectors for Health:** The data, governance, consent framework, and other tools are applicable to all programs aimed at enhancing health and wellness, for example:
 - Non-fatal overdose alerts are instantly routed from EMS to response teams at local health departments
 - DHS information for service programs and clinical information for groups such as incarcerated individuals and foster kids can be shared with appropriate consent
 - Patients that are eligible for chronic disease management programs can be enrolled when they present to a health care provider
 - Eligibility and redetermination services can be run using most up-to-date address and demographics

Alignment with Maryland Programs



Care Coordination Tools	Population Health Reports	Program Performance Reports
<ul style="list-style-type: none"> • Pertinent treatment information at the point of care (clinical, SDOH, care alerts) • Notifications to allow timely follow up after discharge and transitional care • Close loop referrals • Patient identification for care management interventions 	<ul style="list-style-type: none"> • Key trends and descriptive statistics for patient population • Study of directional data for specific populations and geographies • Patient identification for care management interventions • Intervention tracking 	<ul style="list-style-type: none"> • Key metrics for programs such as MDPCP, MPA, EQIP, CTI, ECIP • Results and opportunities for quality improvement related to HSCRC payment methodologies
Program Administration	Quality Reporting	Learning System
<ul style="list-style-type: none"> • Support participants with program enrollment and related requirements • Technical assistance for providers • Promote policy transparency and coordination with stakeholders 	<ul style="list-style-type: none"> • Annual MDPCP eCQM reporting • Hospital Quarterly eCQM collection in partnership with HSCRC • Ambulatory eCQM data collection in partnership with MDPCP 	<ul style="list-style-type: none"> • Educational webinars • White papers • Learning collaboratives • Website resources • Annual summit

Notable CRISP Partnerships



User Groups:

- State agencies
- Providers, including hospital systems, physician practices, local health departments, FQHCs, urgent care
- Long-term and post-acute care provides, including nursing homes
- Laboratories
- Radiology groups
- Pharmacies
- Health IT vendors, including electronic health record vendors
- National networks, including Carequality and eHealth Exchange

CRISP Services – A Value Add



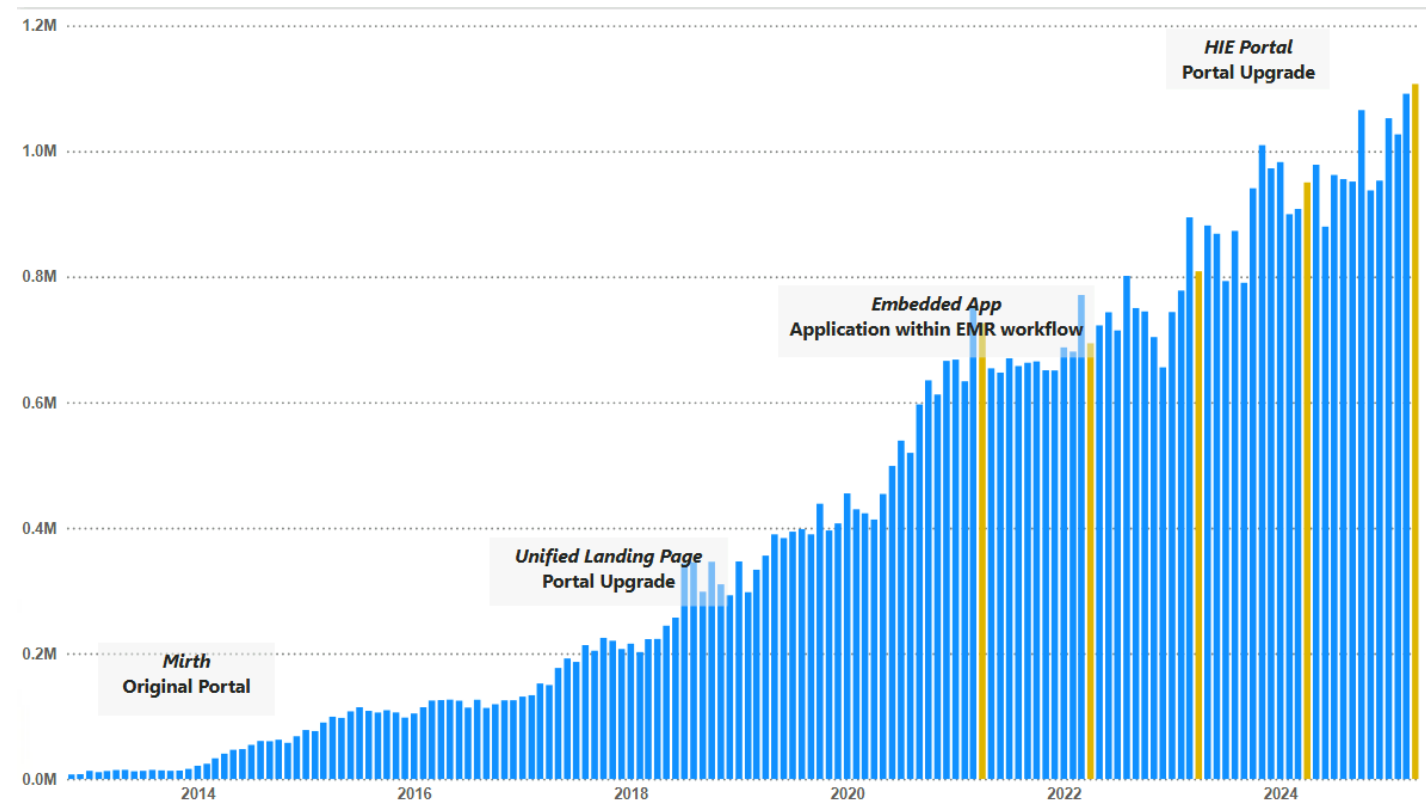
Information delivery:

- Millions of pieces of data delivered each week
- Transparent governance
- Local control over critical infrastructure

Continuous innovation:

- Constant update to user-facing tools
- Engagement with federal, state, and local industry leaders
- Patient consent for sensitive data
- Enabling new standards while meeting every stakeholder where they are

Patient Queries Over Time



Legislative Requirements Status



Sensitive Reproductive Health	Skilled Nursing Facility (SNF) Connectivity	Advance Care Planning (ACP)
<ul style="list-style-type: none"> <i>SB786 requires CRISP to filter out certain sensitive codes and medications in Maryland patient records before they are exchanged</i> Status: Phase 1, restrict codes and only show allowable data, and Phase 2, allow patients to consent to all providers seeing sensitive health data, were completed before their deadlines. Third and final stage, allowing patients to consent to sharing sensitive health data with a single specific treating provider will go live July 15th 	<ul style="list-style-type: none"> <i>Partnering with Realtime to provide MD SNFs tools and resources to improve care, and lower healthcare costs through data transparency.</i> Status: 159 /220 SNFs are connected to Realtime and have access to their patient portal highlighting residents that have an increased risk for readmission. They also have access and receive alerts for priority patients from CTAs, who are registered nurses. Lastly, 3 SNFs get weekly reports of their resident demographics, expanding to more SNFs soon. 	<ul style="list-style-type: none"> <i>Build a single passthrough integration with the state ACP registry, MyDirectives, allowing documents to be completed within native EMRs to be sent to MyDirectives via CRISP. These documents would then be viewable by all care team members within CRISP clinical tools.</i> Status: Frederick almost completed testing but had a cyber event and paused. Adventist, Hopkins and Mertius interested and considering pilot.
Consent Management Application	Non – CDS Medications	Electronic Health Networks (EHN)
<ul style="list-style-type: none"> <i>Under HB1375, CRISP has been designated to develop and maintain a consent management application for all MD patients Opt in and Opt out status</i> Status: CRISP has these 3 options: RESTFUL API lookup, Periodic (Daily) data feeds, and InWorkflow -CDS Hooks. Epic will be the pilot HIE and will likely do the RESTFUL API Lookup 	<ul style="list-style-type: none"> <i>Collect all non-controlled dispense information in Maryland starting September</i> Status: CRISP has agreements with 42% of pharmacies. We are conducting two webinars in July - one on policy and one on submission. The submission portal for non-CDS will be available by end of July. CRISP is preparing to ingest non-CDS data and display it prior to the required date of Jan 1, 2026. 	<ul style="list-style-type: none"> <i>Chapter 790/791, Public Health – State Designated Exchange – Clinical Information, 2021) requires EHNs certified with MHCC to submit electronic health care transaction information to the State-Designated HIE</i> Status: Launching Work Group for EHNs, working to identify pilot sites.



State Designation Agreement

Background



- ▶ The MHCC is responsible for supporting diffusion of health information technology and health care transformation statewide
 - Key elements of health information technology include electronic health records, health information exchange (HIE), telehealth, and the integration of AI applications
- ▶ HIE value is built on more timely access to electronic health information to support health care reform in ways that improve care delivery and reduce costs
 - HIEs are critical partners to combine and share diverse data sources securely among appropriately authorized users for clinical and public health purposes

Purpose of State Designation



- ▶ State law (Health-General §19-143) charges MHCC and the Health Services Cost Review Commission (HSCRC) with the designation of an HIE for Maryland
 - In 2009, MHCC issued a Request for Applications; CRISP was competitively selected
 - Since then, the legislature and other stakeholders have devoted substantial resources and efforts to support the evolution of CRISP
- ▶ State Designation provides a framework for data management and sharing and supports strategic commitments across the State to improve care delivery and public health
- ▶ CRISP demonstrates a commitment to support the objectives of its State partners, including MHCC, HSCRC, and the Maryland Department of Health, which warrants renewing its State-Designation status through the State Designation Agreement (SDA)
 - SDAs were previously executed with CRISP in 2009, 2013, 2016, 2019, and 2022

SDA – Key Components



- ▶ **HISTORY AND PURPOSE** - Governance framework; information about CRISP, including key initiatives since its inception
- ▶ **MHCC OVERSIGHT** - Implementation of legislation; grant funding; annual budgeting and reporting; insurance requirements; notice of service expansion; and protocols for correcting acts of noncompliance
- ▶ **CRISP GOVERNANCE** - Bylaws; protocols for the sale, merger, lease, or closure of CRISP; and bonds and other appropriate assurances
- ▶ **PRIVACY AND SECURITY** - Auditing requirements, including SOC 2 and cybersecurity testing; remediation of audit findings; notification of a security incidents; and third-party risk management
- ▶ **COLLABORATION OF CRISP AND MHCC** - Workgroups and advisory board participation; use case developments and implementation; transparency; and provider and consumer reporting
- ▶ **OTHER** - Legal matters, including indemnification and limitation of liability; termination of the State Designation Agreement, etc.



▶ **HISTORY AND PURPOSE**

- Clarifies CRISP's regulatory obligations to support the implementation of legislation

▶ **MHCC OVERSIGHT**

- Adds provisions for developing and implementing technical capabilities for the consent management application
- Specifies activities for CRISP to coordinate with MHCC on the implementation of non-CDS reporting and ongoing compliance

SDA – 2025 Updates *(continued...)*



▶ **CRISP GOVERNANCE**

- Updates the version and date of CRISP Bylaws

▶ **PRIVACY AND SECURITY**

- Clarifies existing processes for annual privacy and security audits

▶ **COLLABORATION OF CRISP AND MHCC**

- Formalizes communication for the State mandated Consumer Advisory Council and initiatives that support HDU goals or use artificial intelligence

**See Appendix for a complete list of SDA sections*



Commission Action

Staff recommends the Commission approve to execute renewal of the SDA with CRISP





Questions?