

Stay HIN the Know

**Accessing HealthInfoNet “HINcontext” to Users’ EHR Systems:
Integrating the HIE Within Existing Clinical Workflows**

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 **Stay HIN the Know Webinar Series**
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Webinar Presenter

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For additional educational opportunities:

- Contact HealthInfoNet's Clinical Education team at clinicaleducation@hinfonet.org to request online trainings for all services
- HealthInfoNet's online training site also provides courses and CNE credits to better understand and use the HIE; visit hinfonetacademy.org for more information



Webinar Objectives

- Educate on the connections and services of HealthInfoNet and the Maine HIE
- Provide an overview of the purpose and value of the HINcontext Application
- Preview the HINcontext Application and review current and upcoming releases
- Review implementation plans and next steps for HealthInfoNet participants
- Provide information on education and training opportunities offered by HealthInfoNet



HealthInfoNet & Maine's HIE

Overview of Connections & Services

Making connections to improve patient care, quality, and safety by providing better, easier, and safer solutions.

About HealthInfoNet

- HealthInfoNet operates Maine's statewide Health Information Exchange (HIE)
 - State of Maine law governs patient informed consent requirements for HIE participation
- HealthInfoNet is an independent nonprofit organization governed by a voluntary, community-based board of directors and advisory committees
 - Our members represent medical providers, public health organizations, patients, government agencies, and businesses throughout the state
- HealthInfoNet provides a number of services to our participating provider organizations, including access to our clinical portal, real-time event notifications, public health reporting, predictive analytics and measures, and more



Maine HIE Participants

- Connected to more than 820 provider locations across Maine
- The type of providers connected include:
 - All health systems, acute care hospitals, and critical access hospitals
 - Veterans Affairs sites
 - A majority of ambulatory facilities, FQHCs
 - Some behavioral health and post acute care facilities
 - Laboratories (NorDx, Quest, ALI, Dahl-Chase, *HETL**)
 - Maine EMS (ImageTrend)
 - Pharmacy datasets (SureScripts and MaineCare)



See a full list of
connections at
www.hinfonet.org



Maine HIE Data Sources

As we connect to sites across the state, our data warehouse is expanding to incorporate new data sources and use cases – from clinical and claims data to social determinants of health and more



Demographics



Encounters



Vital Signs



Laboratory &
Microbiology Results



Radiology Reports



Adverse Reactions &
Allergies



Medication History
(Prescribed & Filled)



Diagnosis, Conditions,
& Problems



Immunization
Information



Documents & Social
Determinants

HealthInfoNet's Data Coverage Report: <https://hinfonet.org/resources/training-materials/>



Application Overview

Adapting and advancing as clinical workflows and needs change across the care continuum through applications of timely and actionable information.

About the HINcontext Application



- Allows providers to receive specific information concerning a patient's medical history from the statewide HIE inside of (in context of) their electronic health record (EHR) system
- Designed and developed using SMART on FHIR technology in partnership with the Chesapeake Regional Information System for our Patients (CRISP), a regional HIE serving Maryland, the District of Columbia, and West Virginia
- The HINcontext Application is currently available to Epic and Cerner EHR sites, upcoming priority to integrate with Allscripts, Athena, and other EHR technologies
- Released to all MaineHealth sites (for Physicians) on July 21, expected release to Covenant sites early Fall 2020, and currently in exploratory conversations with Northern Light
 - Expected broader release to additional MaineHealth users later in August 2020



Obtaining Access to the Application

- For organizations that have installed and configured the application, their Help Desk or IT team controls the application's access and authorization permissions for its users
- New users interested in obtaining access to the HINcontext application should ask their local Help Desk or IT team for assistance in extending permissions to their accounts
- Help Desk/IT Teams can reach out to their EHR's technical services team for permission management assistance and/or HealthInfoNet's Customer Care team (customercare@hinfonet.org) for education and training opportunities



Finding the Application in EHR Workstations

- Users should find the application pinned to a portion of their EHR's workstation screen, per configuration decisions made by their organization's Help Desk/IT team
- Example of the application's configuration within an Epic workstation:

The screenshot displays an Epic EHR workstation interface. On the left, a patient summary for 'Resolute, Anthem' (Male, 26 y.o., 5/15/1994, MRN: E2597818) is visible. The main area shows a 'Clinical Cardiology' view with various tabs like 'Specialty Comments', 'Patient', 'Problem List', 'Preferred Labs', 'Last 3yr', 'Emergency Department Visits', 'Allergies', 'Medications', 'Health Maintenance', 'EKG Results', 'Cardiology Studies', 'Echo Results', 'Lipids', 'Chemistry Labs', 'Hematology Labs', and 'Vitals from encounters over the past 360 days'. On the right, a 'HIE InContext' window is open, showing a card for 'ANTHEM RESOLUTE' with details: Male, May 15, 1994, Probable, and address 234 SPRING ST, AUBURN, ME 04210. An arrow points from a box labeled 'HINcontext Application Configuration' to this window.



Knowing What's Included in a Patient's Record

- Data exclusions:
 - Patients' health care activities at the user's organization
 - Patients' mental health/sensitive health information
- Data lookback restrictions:
 - Clinical Data and Documents: Last 2 years
 - Medications: Last 120 days
- Consent workflows:
 - Users do not need to break the seal to enter a patient's record
 - Patients who have opted-out of the HIE will not appear in a user's patient search results



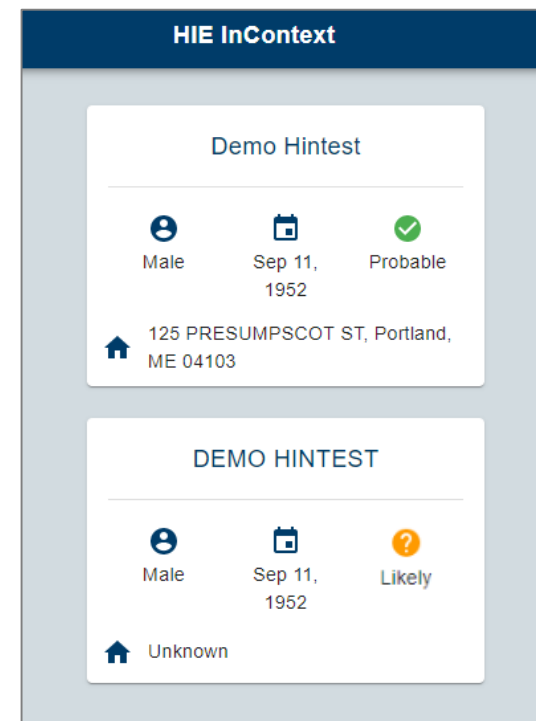
Knowing What's Included in a Patient's Record (cont.)

Application opt-out responses:

Exact Match Response



Multiple Match Response



The opted-out patient is simply missing from the match screen results

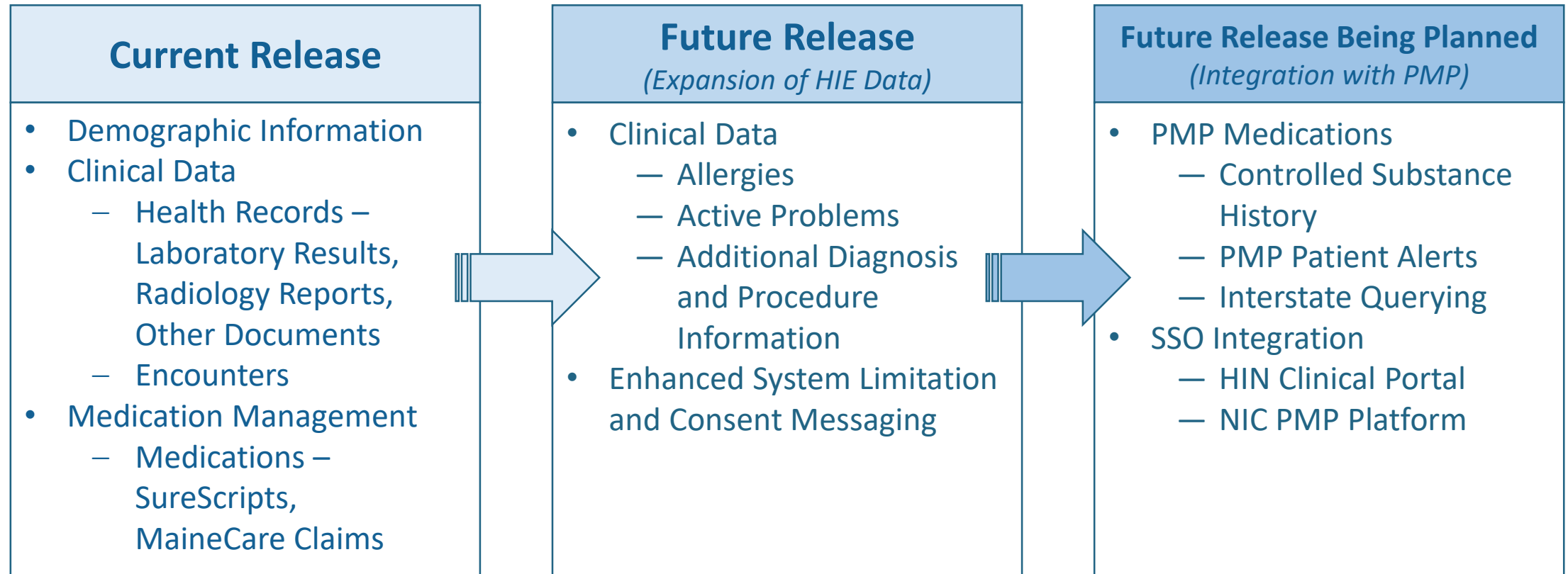
Application Demonstration

Adapting and advancing as clinical workflows and needs change across the care continuum through applications of timely and actionable information.

Application Roadmap, Resources, & Next Steps

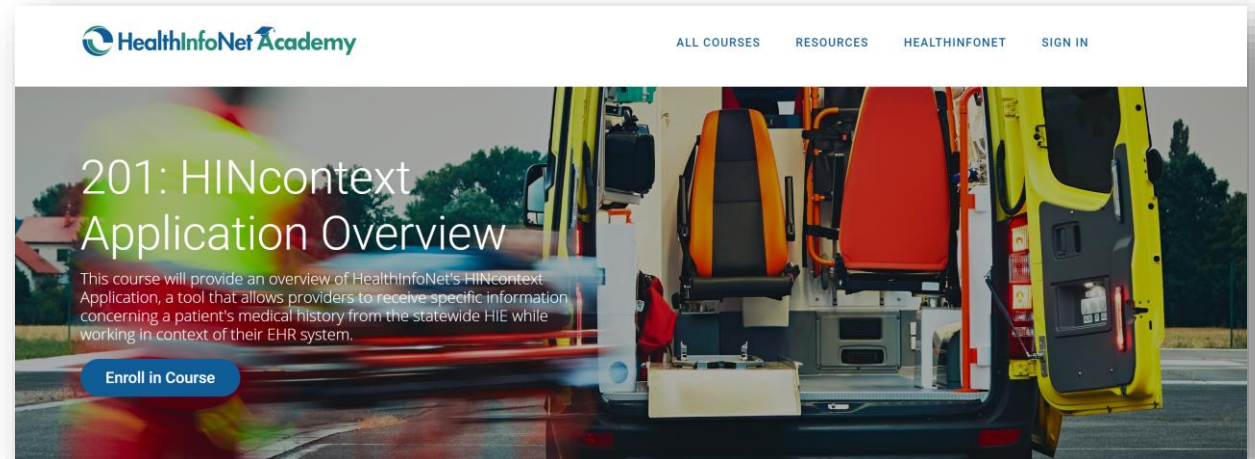
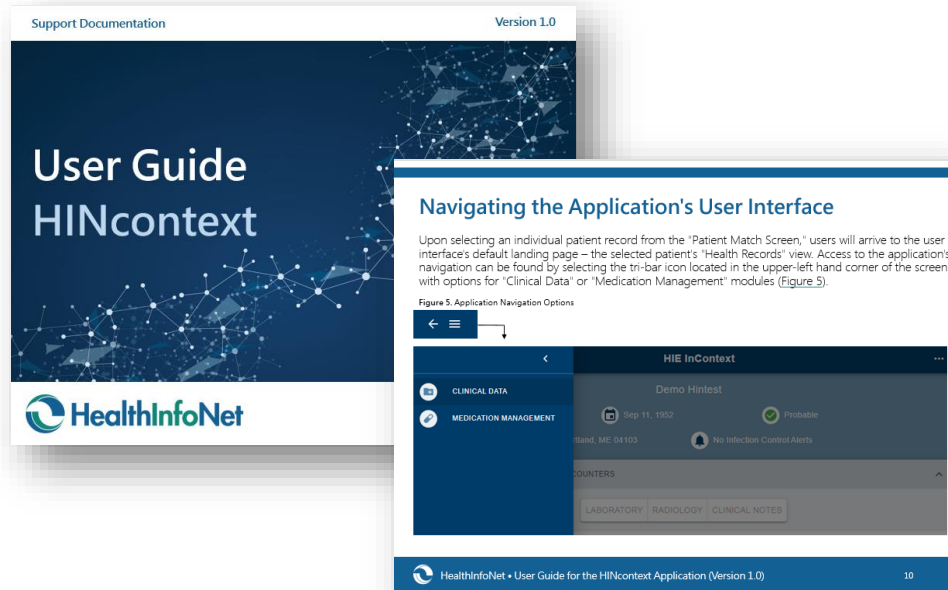
Adapting and advancing as clinical workflows and needs change across the care continuum through applications of timely and actionable information.

Application Roadmap



Available Resources

- View and download our dedicated system user guide (Epic EHR configuration):
<https://hinfonet.org/resources/training-materials/>
- Register and enroll in our new HealthInfoNet Academy course:
<https://www.hinfonetacademy.org/courses/201-hincontext-application-overview>



Next Steps

- Ready for integration: Epic and Cerner EHR sites
 - Released to all MaineHealth sites on July 21
 - Expected release to Covenant sites early Fall 2020
 - Currently in exploratory conversations with Northern Light
- Upcoming integration development priorities: Allscripts and Athena EHR sites

For more information on the HINcontext Application – including integration discussions and/or more detailed overview/demonstration information – contact HealthInfoNet’s Customer Support team at customercare@hinfonet.org



Education & Training

Clinical Education Resources & Opportunities

Whether it's a training and education need, a clinical workflow question, or anything in between, there's not a problem that our team can't solve with you.

HealthInfoNet Educators

Sharon Bearor, RN, BSN, Clinical Educator

- Email: sbearor@hinfonet.org
- Telephone: 207-541-4123

Nicole Yeo-Fisher, MSW, LCSW, Clinical Educator

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General Inquiries

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Educational Opportunities

- Online trainings available for all services
- Public resources available at <https://hinfonet.org/resources/clinical-education/>
- HealthInfoNet's online training site also provides courses and CNE credits to better understand and effectively use the HIE; visit hinfonetacademy.org for more information





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