



HIE InContext App v2.39.0 – Release Notes

Our latest version of the HIE InContext app (**v.2.39.0**) has been deployed to test. See the testing guide below for details. All screenshots of the application in these notes display fictional patient data.

Target Test Environment Date for this Release – **9/19/23**

Target Production Date for this Release – **10/2/23**

Items included in the release		Affected HIE(s)
New Features	Combined PDMP & Advisories View	CRISP-MD
	Addition of Immunizations from CCDs	CRISP-DC, WVHIN, CONNIE, and HEC-AK

Other Updates included in this release:

- The ‘Create Referral’ button has been removed for HEC-AK users.
- CRISP-MD – in the delegator selection workflow, if a delegate requests PMPI data (QAS functionality), InContext will send the selected delegator’s DEA and NPI.

Testing Guide

Please take a few moments to make sure that the app is launching as expected in your non-prod environment.

- Launch to **testincontext.crisphealth.org** OR access the **Clinical Information** tile of the staging HIE portal.

Test Patients

First	Last	DOB	Gender
Anna	Cadence	11/16/1981	Female
Gilbert	Grape	1/1/1984	Male

Combined PDMP & Advisories View

Affected HIEs: CRISP-MD

Prior to this release: The PDMP and Advisories view were separate tabs within the Medication Management section.

For this release: The PDMP and Advisories views have been combined into a single PDMP tab within the Medication Management section. Users can find the Advisory information listed above the PDMP data table. Out of range Advisory results will appear in orange text, while in range value will appear in blue text. Users can view the definitions of the Advisory metrics by clicking on the Definition die bar. An informational disclaimer will appear next to the "Advisories" header if multiple identities are selected. Printing of Advisories and PDMP data table are still separate functionalities.

Anna Cadence
Unknown | Nov 16, 1981

PDMP REPORTED MEDICATIONS

Advisories Average Daily MME: 162 Overlapping Opioid & Benzos: 6 Overlapping Opioids: 56 Total Prescribers/Pharmacies: 5/3

Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	Refills Remaining	MME/Day	Prescriber	Pharmacy Name	Payment Method
LORazepam 2 MG/ML SOLN	MD	2023-12-08	2019-04-01	5	20	1	—	John Smith	A Pharmacy	Medicaid
oxyCODONE HCl 5 MG TABS	MD	2023-08-24	2023-08-24	30	60	0	15	HID Test Pharmacy	—	Private Pay (Cash, Charge, Credit Card)
LORazepam 0.5 MG TABS	MD	2023-08-24	2023-08-24	10	10	0	—	HID Test Pharmacy	—	Private Pay (Cash, Charge, Credit Card)
Nucynta ER 150 MG TB12	MD	2023-08-24	2023-08-24	30	90	0	180	HID Test Pharmacy	—	Private Pay (Cash, Charge, Credit Card)
oxyCODONE HCl 5 MG TABS	MD	2023-08-24	2023-08-24	30	45	0	11,250	HID Test Pharmacy	—	Private Pay (Cash, Charge, Credit Card)

Multiple Identities Selected

CRISP ID	Name	Date Of Birth	Gender	Address
79559712	Anna Cadence	Nov 16, 1981	Unknown	1021 Main St, Columbia, MD 21045
80003122	ANNA CADENCE	Nov 16, 1981	Female	550 N BROADWAY STE A, BALTIMORE, MD 21211

PDMP

Advisories Average Daily MME: 162 Overlapping Opioid & Benzos: 6 Overlapping Opioids: 56 Total Prescribers/Pharmacies: 5/3

Advisories for multiple identities

CRISP ID	Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	Refills Remaining	MME/Day	Prescriber	Pharmacy Name	Payment Method
79559712	LORazepam 2 MG/ML SOLN	MD	2023-12-08	2019-04-01	5	20	1	—	John Smith	A Pharmacy	Medicaid
multiple identities selected	TABS	MD	2023-08-24	2023-08-24	30	60	0	15	HID Test Pharmacy	—	Private Pay (Cash, Charge, Credit Card)
79559712	LORazepam 0.5 MG TABS	MD	2023-08-24	2023-08-24	10	10	0	—	HID Test Pharmacy	—	Private Pay (Cash, Charge, Credit Card)

HIE InContext Multiple Identities Selected 11

PATIENT INFORMATION

CRISP ID	Name	Date Of Birth	Gender	Address
79559712	Anna Cadence	Nov 16, 1981	Unknown	1021 Main St, Columbia, MD 21045
80003122	ANNA CADENCE	Nov 16, 1981	Female	550 N BROADWAY STE A, BALTIMORE, MD 21211

MEDICATION MANAGEMENT

CLINICAL DATA

CARE COORDINATION

SOCIAL NEEDS DATA

DATA FROM CLAIMS

PDMP

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Exceeds Threshold

Medications If over the defined threshold, color will be orange and hovering over will show "Exceeds Threshold!"

CRISP ID	Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	Refills Remaining	MME/Day	Prescriber	Pharmacy Name
79559712	LORazepam 2	MD	2023-12-08	2019-04-	5	20	1	—	John Smith	A Pharmacy

HIE InContext Anna Cadence Unknown | Nov 16, 1981

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CONSENT TOOL

CREATE REFERRAL

PDMP REPORTED MEDICATIONS

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Medications

Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	Refills Remaining	MME/Day	Prescriber
LORazepam 2 MG/ML SOLN	MD	2023-12-08	2019-04-01	5	20	1	—	John Smith
oxyCODONE HCl 5 MG TABS	MD	2023-08-24	2023-08-24	30	60	0	15	HID Test Pharmacy

Definition of Key Terms

Average Daily MME: The average MME (Morphine Milligram Equivalents) of all active opioid prescriptions per day, over the last 30 days. An alert indicates that the patient had at least one day with an average of 90 or more MMEs from all prescriptions. MME values of 90 or more may increase risk of overdose

Overlapping Opioid & Benzos: The number of

HIE InContext Anna Cadence Unknown | Nov 16, 1981

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Medications

Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	Refills Remaining	MME/Day	Prescriber	Pharmacy Name	Payment Method
LORazepam 2 MG/ML SOLN	MD	2023-12-08	2019-04-01	5	20	1	—	John Smith	A Pharmacy	Medicaid

HIE InContext Multiple Identities Selected

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Advisories for multiple identities

The below indicators display the aggregate values of the patient records you selected on the patient list screen. Please use your judgment and knowledge of the patient's history to decide whether these combined values are accurate and whether to base clinical decisions on the combined values.

CLOSE

Medications

CRISP ID	Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	Refills Remaining	MME/Day	Prescriber	Pharmacy Name	Payment Method
79559712	LORazepam 2 MG/ML SOLN	MD	2023-12-08	2019-04-01	5	20	1	—	John Smith	A Pharmacy	Medicaid
79559712	oxyCODONE HCl 5 MG TABS	MD	2023-08-24	2023-08-24	30	60	0	15	HID Test Pharmacy	HID Test Pharmacy	Private Pay (Cash, Charge, Credit Card)
79559712	LORazepam 0.5 MG TABS	MD	2023-08-24	2023-08-24	10	10	0	—	HID Test Pharmacy	HID Test Pharmacy	Private Pay (Cash, Charge, Credit Card)

Addition of Immunizations from CCDs

Affected HIEs: CRISP-DC, WVHIN, CONNIE, and HEC-AK

Prior to this release: The Immunizations subtab within the Clinical Information section only contained data from the state or district Immunization registry for WVHIN, CRISP-DC, and HEC-AK. The immunizations subtab did exist without any data from CT for CONNIE users.

For this release: Users in WVHIN, CRISP-DC, or HEC-AK can now view Immunizations from CCDs (Electric Health Records) in a new tab. Users in these HIEs can also view data from the state or district Immunization registry. An Immunizations tab has been added for CONNIE users and contains immunization data sourced from CCDs (Electric Health Records). This immunization data is sourced from multiple electronic health records. This may not reflect a patient's complete or accurate immunization history. The data table within the Electronic Health Records tab will columns for Administered Date, Vaccine, Administered Location, Last Reported By, and Last Reported Date.

DC/WV/AK:

The screenshot displays the ANNA CADENCE patient record for ANNA CADENCE, Female, born Nov 16, 1981. The interface shows the 'IMMUNIZATIONS' tab selected, with two sub-tabs: 'IMMUNIZATION REGISTRY' and 'ELECTRONIC HEALTH RECORDS'. The 'IMMUNIZATION REGISTRY' sub-tab is active, showing a table of immunizations with columns: Administered Date, Vaccine, Administered Location, Source, and Expiration Date. The 'ELECTRONIC HEALTH RECORDS' sub-tab is also shown, with a table of immunizations and a warning message: 'This immunization data is sourced from multiple electronic health records. This may not reflect a patient's complete or accurate immunization history'. The table columns are: Administered Date, Vaccine, Administered Location, Last Reported By, and Last Reported Date. Both tables show the same set of immunization records.

Administered Date	Vaccine	Administered Location	Source	Expiration Date
2022-12-08	COVID-19 mRNA, LNP-S, PF, 0.3mL	Luminis Health - Anne Arundel Medical Center	UMMS_UMMC	—
2021-12-17	Influenza, injectable, MDCK, p-free	Mt. Washington Pediatric Hospital	IMMUNET	2021-12-29
2021-06-21	COVID-19 mRNA, LNP-S, PF, 0.5mL	CRISP	IMMUNET	—
2021-03-29	Influenza, quadrivalent, adjuvanted	CRISP	IMMUNET	—
2015-06-29	Meningococcal polysaccharide conjugate	CRISP	IMMUNET	—
2012-06-29	Anthrax	CRISP	IMMUNET	—
2012-06-29	DTP	CRISP	IMMUNET	—

Administered Date	Vaccine	Administered Location	Last Reported By	Last Reported Date
2022-12-08	COVID-19 mRNA, LNP-S, PF, 0.3mL	Luminis Health - Anne Arundel Medical Center	UMMS_UMMC	—
2021-12-17	Influenza, injectable, MDCK, p-free	Mt. Washington Pediatric Hospital	IMMUNET	2021-12-29
2021-06-21	COVID-19 mRNA, LNP-S, PF, 0.5mL	CRISP	IMMUNET	—
2021-03-29	Influenza, quadrivalent, adjuvanted	CRISP	IMMUNET	—
2015-06-29	Meningococcal polysaccharide conjugate	CRISP	IMMUNET	—
2012-06-29	Anthrax	CRISP	IMMUNET	—
2012-06-29	DTP	CRISP	IMMUNET	—

ANNA CADENCE
Female | Nov 16, 1981

OBLEMS STRUCTURED DOCUMENTS **IMMUNIZATIONS**

REGISTRY **EHR**

Electronic Health Records Immunization
This immunization data is sourced from multiple electronic health records. This may not reflect a patient's complete or accurate immunization history

Administered Date ↓ Vaccine

2022-12-08	COVID-19 mRNA, LNP-S, PF, 0.3mL
Administered Location: Luminis Health - Anne Arundel Medical Center	
Last Reported by: UMMS_UMMC	
Last Reported Date: —	
> 2021-12-17	Influenza, injectable, MDCK, p-free
> 2021-06-21	COVID-19 mRNA, LNP-S, PF, 0.5mL
> 2021-03-29	Influenza, quadrivalent, adjuvanted
> 2015-06-29	Meningococcal polysaccharide conjugate
> 2012-06-29	Anthrax
> 2012-06-29	DTP

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CONNIE:

HIE InContext Anna Cadence Unknown | Nov 16, 1981

ENCOUNTERS HEALTH RECORDS PROBLEMS STRUCTURED DOCUMENTS **IMMUNIZATIONS**

Electronic Health Records Immunizations
This immunization data is sourced from multiple electronic health records. This may not reflect a patient's complete or accurate immunization history

Administered Date ↓	Vaccine	Administered Location	Last Reported By	Last Reported Date
2021-11-23	COVID-19, mRNA, LNP-S, PF, 0.3mL	—	Ascension Medical Group	2023-08-15
2018-10-23	Influenza, high dose, seasonal, P-free	—	Howard University Ambulatory	2023-08-18
2018-01-19	Influenza, trivalent, adjuvanted	—	Ascension Medical Group	2023-08-19
2017-10-19	Tamifluenza	—	Tam Medical Center	2023-08-14
2013-10-22	Influenza-Whole Virus	University of Maryland Medical System (UMMS)	Luminis Health - Anne Arundel Medical Center	2023-08-16
2013-10-09	Flu Vaccine	—	Capital Partners In Care Health Information Exchange (CPC-HIE)	2023-08-18
2011-09-26	Influenza, high dose seasonal	—	Erickson Health Medical Group of Maryland P.C.	2023-08-16

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Anna Cadence
Unknown | Nov 16, 1981

PROBLEMS STRUCTURED DOCUMENTS **IMMUNIZATIONS**

Electronic Health Records Immunizations
This immunization data is sourced from multiple electronic health records. This may not reflect a patient's complete or accurate immunization history

Administered Date ↓ Vaccine

> 2022-12-08	COVID-19 mRNA, LNP-S, PF, 0.3mL
> 2021-12-17	Influenza, injectable, MDCK, p-free
> 2021-06-21	COVID-19 mRNA, LNP-S, PF, 0.5mL
> 2021-03-29	Influenza, quadrivalent, adjuvanted
> 2015-06-29	Meningococcal polysaccharide conjugate
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