CRISP InContext Release Notes

V2.43.0

December 18th, 2023 - *View Full v2.43.0 Release Notes*

New Features	Affected HIE(s)
Removal of Launch.js	CRISP-MD

V2.42.0

November 27th, 2023 - *View Full v2.42.0 Release Notes*

New Features	Affected HIE(s)
Hide home Faculty Data Icon Update	CRISP-MD
COVID Lab Tools SSO functionality	WVHIN

V2.41.0

November 11th, 2023 - *View Full v2.41.0 Release Notes*

New Features	Affected HIE(s)
PMPi - Meaningful error messages displayed	CRISP-MD

V2.40.0

October 30th, 2023 - *View Full v2.40.0 Release Notes*

New Features	Affected HIE(s)
SSO Application Section Added	CRISP MD, CRISP-DC, WVHIN, HEC-AK, CONNIE

Updated Interface Design	FDOH, Healthix
Other Updates:	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK, FDOH, Healthix
A new error page will pop up to prevent a full crash of the InContext system	
Increase in height for the "Advisories" section	
There's now app tracking to see how well the users interact with the functionality of the new "Apps" section.	
Dialogues can be closed with an "x" in their top right corners	

V2.39.0

October 2nd, 2023 - *View Full v2.39.0 Release Notes*

New Features	Affected HIE(s)
Combined PDMP & Advisories View	CRISP MD
Addition of Immunizations from CCDs	CRISP-DC, WVHIN, CONNIE, and HEC-AK
Other Updates:	
The 'Create Referral' button has been removed for HEC-AK users.	HEC-AK
in the delegator selection workflow, if a delegate requests PMPI data (QASfunctionality), InContext will send the selected delegator's DEA and NPI.	CRISP MD

V2.38.0

September 5, 2023 - *View Full v2.38.0 Release Notes*

New Features	Affected HIE(s)
User Setting – Rearranging tab order	CRISP-MD
MyDirectives SSO functionality	CRISP-MD and CRISP-DC
Updates	
Banner (display) of end of support for IE browser type	
Updated demographic data placement in Health Record PDF	
PDF Downloads – upgrade to latest IronPDF v2023.7.4	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Bug	

Ability to download a report attached to a Health Record	
Tech Debt	
Move to non-FHIR response for patient matches and migrate the application layout files to TypeScript	

V2.37.0

August 14, 2023 - *View Full v2.37.0 Release Notes*

New Features	Affected HIE(s)
Distinguishing HIE and National Networks Structured Documents	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Access to Referral Tool for EHR launches	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Updates	
Patient Demographics added to Referral & Assessment Dialog Boxes	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Priority Alerts – Increase with/size of dialogs for the data table	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Performance improvements in fetching Conditions and Assessments	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
PDF Downloads – upgrade to latest IronPDF v2023.6.10	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.36.0

June 26, 2023 - *View Full v2.36.0 Release Notes*

New Features	Affected HIE(s)
'Hide Home Facility' Data Filter added to Structured Document	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Displaying Reported Medications parsed from CCDs	CRISP-MD
Updates	
Updates to Captured Medications subtab	CRISP-DC, WVHIN, CONNIE, and HEC-AK

Patient Demographics added to Header of Health Record dialog boxes	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Persisting user settings popup window to other subtabs	CRISP-DC, WVHIN, CONNIE, and HEC-AK
Error code – 5000 – for global error boundary	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Removed automatic 'Hide Home Facility' Data Filter on Care Alerts and Advance Directives subtabs	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Consent Tool – allow user access button only when that identity is not opted out of the HIE	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.35.1

May 25, 2023 *View Full v2.35.1 Release Notes*

Bug Fix	Affected HIE(s)
Revert to using *state* value instead of user cookies	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.35.0

May 22, 2023 *View Full v2.35.0 Release Notes*

New Features	Affected HIE(s)
Access to Consent Tool for EHR launches	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
User Setting – Rearranging tab order	CRISP-DC, WVHIN, CONNIE, and HEC-AK
Displaying Problems parsed from CCDs	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Advisories PDF download functionality	CRISP-MD
Displaying meaningful error messages on the Structured Documents subtab	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Updates	
Incorporating changes needed for Epic's latest version (Active Guidelines)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Health Records PDF Download - Include "gender" information of selected identity	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Uniform text format for notes in the Health Records subtab	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Download confirmation dialog pop up	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

Bug Fix	
Allow "ALL" Health Records table tab to be accessible always	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Placement of hover text for external resources	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Ability to select/unselect column headers on PDMP data table	CRISP-MD
Tech Debt	
Faster response time when retrieving DC PDMP (Narx Report)	CRISP-MD, CRISP-DC
New Features	Affected HIE(s)
Access to Consent Tool for EHR launches	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.34.1

March 23, 2023

Updates	Affected HIE(s)
Implement PKCE and Client Secret for OAuth launches	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

March 13, 2023 *View Full v2.34.0 Release Notes*

New Features	Affected HIE(s)
Priority Alerts icon located on the app menu bar	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
PDF download functionality for the PDMP data table	CRISP-MD
Updates	
Encounters (Clinical Data) – Rename "Discharge Diagnosis" (from HOSPITAL table tab) and "Diagnoses Code" (from OUTPATIENT table tab) renamed to "Diagnoses"	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Encounters (Clinical Data) – Status column hidden on launch	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Encounters (Clinical Data) – Optimization of the app to delay fetching resource on launch	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Data From Claims – Displaying SUD Encounters and switch to non-FHIR response	CRISP-MD, CRISP-DC, and WVHIN
Additional demographics information (gender and contact details) added to the Patient Information header for "Structured Documents"	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Health Records – Organization Health Records by data type	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Request PDMP Report functionality moved from "Medication Management" tab to below the app menu on the left side	CRISP-DC
PMPI – Displaying non-FHIR response and show "Pharmacy Address" and "Refills Remaining" values if present	CRISP-MD

January 31, 2023

New Features	Affected HIE(s)
Next of Kin (switching backend data origin and placement)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Viewing and downloading PDF (reports) included in a Health Record	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Accessing PDMP and advisories data using the organization's facility account information	CRISP-MD
Updates	
Removal of the "Aliases" data table	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Visual indicator when a user's session becomes inactive	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Optimization of the app to delay fetching resources for "Care Team" and "Structured Documents"	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Optimization of the app to delay fetching resources for "Referral History"	CRISP-MD, CRISP-DC, WVHIN, and CONNIE
PDF Downloads – upgrade to latest IronPDF v2022.12.11113 and use text footers	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Bug Fix	
Match "Refills Remaining" column in full and narrow view of the PDMP data table	CRISP-MD
"Date" filter functionality on the "Encounters" subtab of the "Data From Claims" tab	CRISP-MD, CRISP-DC, and WVHIN
Tech Debt	
Using the latest method from Alertinator (to return alerts)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

CRISP

V2.32.0

December 19, 2022

New Features	Affected HIE(s)
Care Team (switching backend data origin and new columns)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Addition of "Clinical Alerts"	CONNIE
Updates	
Moving the "Referral History" subtab to the "Care Coordination" tab	CRISP-MD and CRISP-DC
Multiselect mode – Removal of orange icon when there are "no clinical alerts"	CRISP-MD
PDMP – Switch to non-FHIR response, new column for "Refills Remaining" and popover information for prescriber and pharmacy address if present	CRISP-MD
Captured Medications – Color design for the collapsed content (displayed in full view)	CRISP-DC, WVHIN, CONNIE, and HEC-AK
Include table of contents (toc) in consolidated clinical documents (ccds) displayed on the structured documents subtab (for documents from national networks)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, HEC-AK, and FDOH
Redisclosure language for when "42 CFR Part 2" data is shared with a provider	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Retrieving CCDs (HIE documents and National Networks) displayed in the "Structured Documents" from one source	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Allow queries for PDMP and PMPi (interstate) to include contactID value	CRISP-MD
Bug Fix	
Colliding title/close buttons in the popup dialog	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Captured Medications – Persisting the selected table tab	CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.31.0

November 21, 2022 *View Full v2.31.0 Release Notes*

New Features	Affected HIE(s)
Addition of 'Captured Medications' (from Consolidated Clinical Documents (CCDs)) subtab	WVHIN and HEC-AK
Addition of 'Assessments' (Questionnaire Responses) subtab	WVHIN
Addition of 'Referral History' subtab	WVHIN
Addition of 'Clinical Alerts'	WVHIN
Addition of (Social Needs) 'Conditions' subtab	HEC-AK
Updates	
Wide view user interface of 'Clinical Alerts' in multiselect mode	CRISP-MD
Hover text for the orange flag icon applicable for 'flagged' assessments	CRISP-MD, CRISP-DC, and WVHIN
Health Records – Appropriate renaming of the document icon with additional text for better description	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Load image study resource on click (no longer on launch)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
PDF Downloads – upgrade to latest IronPDF v2022.11.10341 and use text footers	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Consume adequate data needed to display 'Data From Claims'	CRISP-MD, CRISP-DC, and WVHIN
Allow users submit feedback after a session has timed out and an updated error message when encountering an issue on submission	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.30.1

November 10, 2022

Updates	Affected HIE(s)
Robust logging for PDF downloads	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.30.0

October 27, 2022 *View Full v2.30.0 Release Notes*

Updates	Affected HIE(s)
Application upgraded to .NET 6.0	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Downloading pdfs timing out	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.29.0

October 17, 2022

New Features	Affected HIE(s)
Referral History subtab (data row + dialog) in the Care Coordination tab	CONNIE
Conditions subtab in the Social Needs Data tab	CONNIE
Updates	
Deduplication of data returned when using the query additional states (QAS) functionality in multiselect mode	CRISP-MD
Viewing aggregated results of Clinical Alerts in multiselect mode	CRISP-MD
Loading referenced resources on clicking a Health Record	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Data From Claims – Encounters - Add 'Payer' info + rename 'Source' column	CRISP-MD, CRISP-DC, and WVHIN
Referral History - Add a new 'Source' column	CRISP-MD, CRISP-DC, and CONNIE
Mini-variant app menu - Align hover text with the icon	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Fixed height for all Cerner site launches	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

CRISP

V2.28.2

September 29, 2022

Updates/Bug Fix	Affected HIE(s)
Logging statement for home facility filter and viewing contents of a Health Record document	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
The organization names made more readily available for only match patient launch	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.28.0

September 12, 2022

New Features	Affected HIE(s)
Mini-variant app menu for users launching the app in full view	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Hiding a user's enterprise (home facility) data on launch by default	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Include table of contents (TOC) in Consolidated Clinical Documents (CCDs) displayed on the Structured Documents subtab (for documents from the HIE only)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Displaying captured medications data from CCDs	CRISP-DC
Updates	
Observations reported in Health Records – Indicate a user's time zone	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Displaying organization full name (not source abbreviation) for Infection Control and Clinical Alerts	CRISP-MD, CRISP-DC, WVHIN, and HEC-AK
Bug Fix	
Remove sorting arrow appearing on demographics drawer in multiselect mode	CRISP-MD

CRISP

August 11, 2022 *View Full v2.27.1 Release Notes*

Updates	Affected HIE(s)
Inability to view the "Aliases" list for patients that are opted out of the HIE	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

August 8, 2022 *View Full v2.27.0 Release Notes*

New Features	Affected HIE(s)
Viewing aggregated data for multiple identities returned for a patient search	CRISP-MD
Incorporating changes needed for Epic's latest version (Active Guidelines)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Updates	
Mobile view only – Clicking on content from the expanded section (Gender/Address) on the patient list table to select patient record	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Subtab name change: 'Medications' to 'Captured Medications'	CONNIE
Change user landing page	CRISP-DC
Optimization of the patient list table using Jotai	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Bug Fixes	
Display prescriber name from interstate queries and allow sorting of data on the PDMP table	CRISP-MD
Remove duplicated row from collapsed content when a data row has an expand/collapse button on the 'Captured Medications' table (full view only)	CONNIE

July 7, 2022

New Features	Affected HIE(s)
Displaying medication data from Consolidated Clinical Documents (CCDs)	CONNIE
Displaying social needs (conditions) data	WVHIN
Updates	
Patient list screen layout change: from cards to a table	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Displaying date of death for a patient identity	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Displaying organization full name (not abbreviation) in 'Source' column - Clinical Data: Health Records and Encounters - Care Coordination: Care Team - Social Needs Data: Assessments and Conditions	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Optimization of the app (Remove unnecessary re-renders, null checks, and subtab URLs)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Bug Fixes	
Display paragraph/line breaks included in the description of a care alert	CRISP-MD, CRISP-DC, and WVHIN

New Features	Affected HIE(s)
Allowing users to download PDFs included in a Health Record document	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Updates	
Reposition Care Alerts as a table	CRISP-MD, CRISP-DC, and WVHIN
Only display the Break The Glass (BTG) button when patient has not opted-in to share their "42 CFR Part 2" data	HEC-AK
Display species code information on the PDMP table	CRISP-MD
Optimization of the app (delay fetching data from claims resources on launch and improve sporadic slowness in embedded EHR browsers)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Bug Fixes	
Allowing users launching with only NPI license information access to PMP	CONNIE, WVHIN, and HEC-AK

V2.24.0

April 18, 2022

New Features	Affected HIE(s)
PMP (NarxReport) access as a menu button	CONNIE, WVHIN, and HEC-AK
Single Logout functionality	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Incorporating changes needed for Epic's latest version (Active Guidelines)	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Updates	
Get advance directives from a direct API call rather than going through alerts aggregator service	CRISP-MD, CRISP-DC, and WVHIN
Removal of the HIE portal button	CRISP-MD and CRISP-DC
Column arrangement for the PDMP subtab (moved MME/Day after Quantity Dispensed)	CRISP-MD
Upgrade IronPDF version - 2022.2.48	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK
Use contactID to query for a user when sent by the new HIE Portal	CRISP-MD, CRISP-DC, WVHIN, CONNIE, and HEC-AK

V2.23.1

CRISP

March 14, 2022

Updates

- Configure the modified PDMP view for only the HIE Portal users

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V2.23.0

March 7, 2022

New Features

- CRISP-MD, CRISP-DC, CONNIE, and HEC-AK InContext instances will now return documents from CRISP Federator and Zen Stargate
- Select delegator for delegate Advisories/PDMP queries
- Modified PDMP only view

Bug Fixes

- Dialog title/buttons collision issue (applicable only in mobile view)
- Appropriate timing of when to display the 'Download PDF' icon

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V2.22.0

January 31, 2022

New Features

- Removal of the HIE InContext app toolbar: This previously included demographics, infection control (IC) alerts, and next of kin (NOK) information for a selected patient
  - Demographics: selected patient's full name, date of birth, and gender will be displayed in the center of the app menu bar. Additional information can be found on the 'Demographics' subtab of the 'Patient Information' tab.
  - IC alerts: New 'Alerts' menu is located on the right side of the app menu bar
    - The only item currently available on this menu is IC alerts
    - A user can only see the menu when a patient has > 0 IC alerts returned.
  - NOK: A new 'Next of Kin' subtab under the 'Patient Information' tab

Updates

- Send source code as userLocation to eHealth
- Switch NOK call from GET by SMRNs to GET by EID
- Upgrade IronPDF version (2021.12.4495)
- Removal of the 'HIE Portal' button from the app menu of the WVHIN InContext instance

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- App tracking on user interaction in the InContext app
- Displaying organization full name when hovering over a value in the 'Source' column. This was implemented for the:
    - 'Encounters' subtab under the 'Clinical Data' tab
    - 'Care Team' subtab under the 'Care Coordination' tab
- For documents displayed in the 'Structured Documents' subtab under the 'Clinical Data' tab:
    - The value in the 'Date' column is updated to display serviceStopTime instead of serviceStartTime associated with a CCD.
    - If a document is returned by connections to the Zen Stargate API, it will only be seen for a patient if the user organization is 'allowed' according to CRISP organizational guidelines. This is only applicable to the WVHIN InContext instance.
    - If a document does not include information on the authorInstitution (value displayed in the 'Source' column), authorPerson will be used as a fallback option
- 'Location' column added to the 'Encounters' subtab (defaults to not display on launch)
- UI changes for documents located in the 'Health Records' subtab of the 'Clinical data' tab
    - On the table, updated column name from 'Date' to 'Date Collected'
    - On clicking on a data row:
        - Dialog title will now specify the date displayed as 'Date Collected'.
        - If categorized as a 'Laboratory', the 'Observations' section of the dialog will include the date and time associated with each observation in the 'Reported' column.

Bug Fixes
- Location change of 'Close' button for the dialog box for "Care Alerts" under the 'Care Coordination' tab
- Resolve NullRef Exception in HandleRequirementAsync
- App tracking not being present for some dialog boxes being used in the app

Tech Debt
- Removing the extra exclusion of "Optout" source from aliases normalizer
- Error Code for when SamlPatient/SamlUser functions on the EHR adapter is down

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V2.21.0

December 14, 2021

New Features

- Displaying 42 CFR Part 2 Continuity of Care Documents/Records (CCDs) on the "Structured Documents" subtab of the "Clinical Data" tab
  - Depending on the CRISP affiliate and patient opt-in/opt-out status, the user will have access to view documents marked as 42 CFR Part 2 CCDs.
  - For Alaska, users will see a button + dialog to allow them access to the sensitive marked records for that patient
- "Referral History" subtab (data row +dialog) added to the "Social Needs Data" tab
- Downloading documents on the "Health Records" subtab of the "Clinical Data" tab
- The new "Patient Information" tab (and "Demographics" subtab) located on app menu
- Add "Imaging Worklist" to the "Health Records" subtab for Connie users.
- WVHIN InContext instance will now return documents from Federator and Zen Stargate

Updates
- Change location of "close" button for "Assessments" and "Health Records" subtabs
- Switch APIM call with a large list of SMRNs to a direct Care Encounter call with a single EID

Bug Fixes
- Displaying provided answers for questionnaire responses for SDOH screening

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V2.20.0

November 9, 2021

New Feature:
- DC – Using InContext: Primarily for DC users logging in through the new portal.

Updates:
- Displaying new column titled 'Provider' to 'Health Records' subtab and additional data/information sent in Observations

Bug Fixes:
- Close dialog button working appropriately on multiple clicks
- Close dialog button appearing appropriately on the Structured Documents subtab
- Maternity Health filter appearing appropriately for patients
- Adding a dialog title to Assessments dialog box
- Error maintenance:
  - Redundant tracking for the Social Needs Data – 'Assessments' subtab
  - Add null checking to logging function for LogNearMatchEid

CRISP

October 6, 2021
Updates:
- Backend changes for users with access to view the DC PDMP Report
- Error maintenance:
  - Patient not found scenarios
  - Logs for PDFs downloaded

V2.18.0

September 14, 2021

New Features:
- Addition of the new **'Conditions'** subtab in the 'Social Needs Data' tab
  - Conditions provides a list of social needs related ICD-10 codes (Z55-65) the patient has received. This list may be sourced from multiple locations, including EHR assessment section, problem list, claims, or other sources.
- 'Download PDF' Icon
  - Users can now download PDF versions of documents viewable in the app.
  - For this release, the 'Download PDF' icon has been implemented for documents viewed in the **'Structured Documents'** subtab in the Clinical Data tab

Updates:
- Addition of classCode to display Progress Notes documents in the 'Structured Documents' subtab in the Clinical Data tab
- 'Matched Patients' tooltip added to patient list page to give users a better understanding as to why they're being presented multiple patient cards when launching the app
- InContext AppService upgraded to .NET Core 3.1

V2.17.0

August 9, 2021

<u>Updates:</u>
- Care Coordination
  - Care Team: Substance Use Disorder (SUD) redisclosure language updated
- Medication Management:
  - PDMP: DC PDMP Report will only be queried when a user clicks on the icon [no longer on the launch]
- Cerner embeddable JS & CSS libraries updated to v1.4.0

V2.16.0

June 29, 2021

<u>New Features:</u>
- Addition of the **'Imaging Worklist'** icon to the Health Records subtab of the Clinical Data tab.
  - Imaging Worklist allows users to compare images across multiple locations. Patient images from CRISP participating sites dating back to 01/01/2000 are available through CRISPs Imaging Worklist. In addition, up to four imaging studies can be selected, viewed, and compared at the same time.

    Transfer-to-PACS (TTP) allows users to download prior external images into a local PCAS via a sub-tab within the Imaging Worklist tab. The TTP tab is role based and only made available after an organization's leadership team has determined it and any users, reasonable or required to have it.
- **Organizing Encounters by data type**
  - The **'Encounters'** subtab will now display 3 sub-sub tabs. Below are data values and types to be displayed in the app:
    - **All**
      - <u>Data Values:</u> Date, Source, Patient Class, and Discharge Disposition
      - <u>Data Types:</u> Inpatient, Emergency, Ambulatory, Pre-Admission, and Emergency Medical Services
    - **Hospital**

- Data Values: Date, Source, Patient Class, Discharge Diagnosis, Admit Reason, Discharge
- Data Types: Inpatient, Emergency, and Pre-Admission
  - **Outpatient**
    - Data Values: Date, Source, Patient Class, Diagnosis Code, and Discharge Disposition
    - Data Types: Ambulatory
- Things to keep in mind:
  - In the mobile/narrow view, only the 'Hospital' sub-sub tab will have Date, Source, Patient Class, and Discharge Diagnosis data columns present. All other data pieces will be collapsible.

V2.15.0

May 25, 2021

New Feature:

- Addition of the new **'Social Needs Data'** tab and **'Assessments'** subtab
  - Assessments provides questions and patient responses to structured social determinant of health questionnaires. Abnormal responses and social domains are defined by the source. Questions and answers with calculated fields are not flagged as normal/abnormal.

V2.14.0

March 16, 2021

New Features:

- Addition of the **'Next of Kin'** data in the Demographics section
  - The Next of Kin will display the patient's nearest relative or relatives and their contact information.

- Disclaimer in **'Care Team'** about SUD Consent Disclosure
  - Under Part 2, disclosures made with patient consent must be accompanied by a statement notifying the recipient that Part 2 redisclosure is prohibited.

o There will be an Orange Information Icon next to any Substance Use Disorder Care Team data with a link to the regulations.

V2.13.0

March 2, 2021

New Features:
- Addition of the **'Structured Documents'** subtab in the Clinical Data tab

  o Structured Documents are Continuity of Care Documents (CCD), which contain sections to help healthcare professionals understand a patient's continuation of care. The subtab lists documents from multiple CCD repositories, including HealthShare, WVU Medicine, CareQuality, eHealth, DHIN, and Florida.

  o Data values for Structured Documents:
    - Date
    - Source
    - Title
    - Type
    - Size (KB)

  o Things to keep in mind:
    - There will be a long wait time when requesting a document initially. The wait time will depend on the size of the document and some backend factors.
    - The app caches the document opened per session, so if that document reopens within the same session, it will be a near-immediate load (no wait time).

- Addition of the **'Immunizations'** subtab in the Clinical Data tab
  o Immunizations provides a patient's available immunization history from the relevant state's Immunization Information System (IIS)

  o Data values for Immunizations:
    - Administered Date
    - Vaccine
    - Dosage
    - Administered Location
    - Source (IMMUNET or WVSIIS)
    - Expiration Date

- Status

December 22, 2020

Bug Fixes:
- IE10/11 fixes
    - Header and Description for Health Record documents wrap to fit the end of a page – does not go off the screen anymore.
    - Eliminated an extra outer vertical scrollbar in the narrow/mobile view in all data tables.
    - The dropdown Filter menu/options completely clickable. Users can now click the text itself or the entire row to select a filter.

- Launching the InContext app will no longer display/flash "Your organization has not been configured" error message before loading the possible patient options.

V2.11.0

October 20, 2020

New Features:
- Addition of the **'Advisories'** subtab in the Medication Management tab
    - Users will land on this subtab now instead of the PDMP
    - Advisories are set of four key metrics on the prescriptions of an individual patient over the last 90 days, allowing providers to quickly identify when patients may be at increased risk of overdose

- Addition of the **'View PDMP'** button in the Advisories subtab
    - This will take users to the PDMP subtab

Changes/Updates:
- Renamed **'Patient Advisories' to 'Clinical Alerts'**
    - No changes to the data displayed

- Repositioned the 'PDMP' subtab
    - This is now the second subtab (used to be first) in the Medication Management tab

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V2.10.0

September 10, 2020

Version 2.10.0 includes various backend changes such as adding automated unit tests to all the app resources to check if things are working as expected every time, we change our code. This will greatly reduce the time we would spend on debugging. This version also includes logging the EHR type (Epic, Cerner, Athena, eCW, etc.) in our Launch Context.

V2.9.0

August 6, 2020

This version of the app includes the following Medication Management UI updates:

- Addition of the **Query Additional States** filter in the PDMP table. This feature allows users to request PDMP data from connected states outside Maryland. This feature is available for Maryland providers only with appropriate license numbers.

- Addition of the **DC PDMP Report** icon in the PDMP table. The Narx Report includes a patient's NarxScores, Predictive Risk Scores, Additional Risk Indicators, RxGraph, and PDMP Data. This feature is available for DC providers with appropriate license numbers.

V2.8.0

June 11, 2020

This version of the app includes a redesign of the Care Team table in the Clinical Coordination tab. It now has several columns providing users with more information. There is also an 'information icon' next to the provider that indicates there is additional provider information (provider phone number and email).

June 05, 2020

In addition to backend changes, version 2.7.0 includes a new Health Records filter called "Enterprise Filtering." Enterprise filtering will allow users to filter for all the sources/facilities grouped by its hospital system (i.e., you can filter for "UMMS" and see data for all the UMMS facilities – UMMS_UMMC, UMMS_ABCD, etc.) The app will also omit the patient list screen and take users straight to the patient record if only one patient is returned upon launch.

V2.6.0

March 31, 2020

This version includes several backend changes, but you will see some UI updates that include branding the app. The work "CRISP" has been replaced with "HIE" in all relevant places. This was done to broaden the perspective of the InContext App users as we integrate with other HIEs. A new Child Development Care Alert known as Developmental Delay Care Alert (DCA) has been added in the Care Alerts section. The alert will be triggered and displayed based on the patient's diagnostic codes, specifically for the ages of 0-18.

V2.5.0

March 24, 2020

Version 2.5.0 includes various UI updates. The app adheres to the FHIR specification match grades providing a new language for Patient Match Scores (Certain, Probable, and Possible). It also includes a new column in the PDMP table for MME (Morphine Milligram Equivalent). To give users a bit more room in the sidebar view, we have removed the "Category" column in Health Records by default. If you would like to turn it back on, click the "View Columns" icon and check off "Category." Lastly, all tables with dates now include the ability to filter by a date range. This can be accessed through the filter box.

CRISP

V2.4.0

March 3, 2020

In addition to backend changes, version 2.4.0 includes a bug fix that resolves the app's error handling for launch scenarios. If the app launches with insufficient demographics (patFirstName and patLastName ONLY), it will return a "Patient Not Found."

V2.3.0

February 20, 2020

In addition to backend changes, version 2.3.0 includes moving the camera icon for Image Availability to the left column, adding the ability to open the Image by clicking the camera icon, and renaming the Administrative Data tab to "Data from Claims".

V2.2.1

February 13, 2020

Version 2.2.1 includes various backend changes. It also includes logging changes to track user's screen size, and the ability to hide the patient name when a user collapses the demographic section.

V2.1.0

January 16, 2020

Version 2.1.0 includes several bug fixes that resolve scroll bar issues and an issue with the table footer. This release also includes the addition of the Health Records Category buttons.

V2.0.1

December 30, 2019

Version 2.0.1 has a few small fixes, including increasing the default page size in tables, reducing whitespace in table rows, fixinig an issue where the demographic section is cut off in certain screen sizes, and adding more logging.

V2.0.0

December 18, 2019

CRISP InContext version 2.0.0 features an entirely new UI, including a new way to organize all of the data that the CRISP App presents. Data will be organized into 4 new sections: Medication Management, Clinical Data, Care Coordination, and Administrative Data. The new UI includes improved data tables with more searching, filtering, and sorting capabilities, as well as a new way to alert the provider of patient "Alerts" such as Overdose and Infection Control notifications.

v1.21.0

October 8, 2019

V1.21.0 includes a small fix to allow the App to work in Cerner mpages, this includes adding a polyfill to the launch.js file.

v1.20.0

September 26, 2019

CRISP InContext v1.20.0 includes some internal logging updates to track which tabs and filters users are clicking on. This will give us better insights into which data is most important to our users, and allow us to make smarter decisions on UI design.

v1.19.0

September 12, 2019

CRISP InContext v1.19.0 allows for launching the app via SAML so that providers can SSO from their EHR - this will be piloted by an Athena. Both the feature and the logging are included in v1.19.0.

v1.18.0

August 22, 2019

Version 1.18.0 includes a new filter in Health Records called "Maternal Health". This filter will pull back all LABs/RADs/TRNs with Maternal Health data from the past 12 months.

v1.17.0

August 8, 2019

Version 1.17.0 includes several small UI updates, including the ability to sort the PDMP and Health Records tables by column header. This version also includes the groundwork for displaying claims data in a new tab.

v1.16.0

July 25, 2019

Version 1.16.0 includes several small UI updates, including freezing the header rows in the PDMP tab (full view only), updating the Overdose tab indicators, removing tab numbers, and updating the NearMatch font colors and sizes to adhere to WCAG accessibility guidelines.

July 2, 2019

CRISP InContext version 1.15.0 includes minor bug fixes, including a fix which resolves an issue where abnormal flags were showing on normal results.

v1.14.0

June 13, 2019

Version 1.14.0 includes various enhancements to the app including a filter on the Health Records tab and a new loading animation on startup. There is also a new feature which will direct the user to the NearMatch patient list even if there is only one match. This version also includes bug fixes to the Care Management date field and NearMatch address fields.

v1.13.0

May 28, 2019
InContext App now supports the ability to enable/disable the voting feature present on Care Alerts. As InContext has undergone many changes, the voting feature has become out dated, and has been known for causing an error to appear in the "Error" tab of the InContext App. For the time being, this feature will be disabled until we can re-work the Feedback/Voting microservice, and determine if it will be re-implemented back into the InContext App.

v1.12.0

May 16, 2019

Updates added to send ProfessionalLicenseNumber (Pharmacist License) to the SSO call to ULP. This allows InContext users that have launched the App with Pharmacist License ONLY to also navigate to ULP through the "CRISP Portal" button.

v1.11.0

May 7, 2019
ProfessionalLicenseNumber (Pharmacist License) added as a new variable for user identification with PDMP Authentication.

v1.10.2

April 19, 2019
Version 1.10.2 of the InContext App contains an adjustment to the NearMatch MinScore in order to allow someone to still get back patient information, despite using limited demographics.

v1.10.0

March 12, 2019
Version 1.10.0 of the InContext App provides users with the ability to query CRISP InContext, receive Near Matches, make a selection and then view the selected Patients Data within CRISP InContext.

v1.9.0

January 29, 2019
Version 1.9.0 of the InContext App provides users with the ability to view Labs, Rads, and Transcription reports within the InContext UI. The list of DiagnosticReports for the patient can be found on the new "Reports" tab. Each record will have a document icon, which opens a viewing window (in the existing window), providing additional details about the report as well

as any data elements from referenced resources belonging to the parent DiagnosticReport (such as Observations and Specimens). The new "Detailed" view also displays abnormal flag indicators when present. While the ImagingStudy microservice is still in development, this version of InContext App lays the groundwork for displaying ImagingStudy resources within the UI.

v1.8.0

December 18, 2018
This release includes a new SSO button titled "CRISP Portal". Upon clicking this button, a new tab will open and the user will automatically be signed into ULP, and presented with the patient being viewed via the InContext App. Additional bug fixes also made to improve the stability of the app.

v1.7.2

November 20, 2018
This hotfix is in response to user feedback, as some clients were unable to launch the InContext App successfully without providing username + 1 additional license code parameter (DEA/CDS/NPI). Clients can now launch the InContext App passing only username, and will be presented with Alerts + PDMP/PMPi (if authorized).

v1.7.0

September 13, 2018

InContext can now display PMPi data and has an added UI feature to give the user the ability to show/hide the data, as well as visual indicators of the # of Rx records returned by each state.

Flag Alerts are now a clickable object and clicking on each alert will toggle the full text of the flag alert.

v1.5.0

June 12, 2018
Added updates to allow launching from the Cerner environment.

CRISP

v1.4.0

April 24, 2018
Improved Logging (for internal use only).

v1.3.1

April 12, 2018
Bug Fixes.

v1.3.0

March 27, 2018
The new CRISP InContext app is available for download by EPIC hospitals. Recent updates allow users to present PDMP and clinical data within the sidebar of their EMR without obscuring their routine EMR workflow!

v1.2.0

March 14, 2018
The new CRISP InContext app is available for download by EPIC hospitals. Currently, the app covers a variety of horizontal views. With this release, a vertical view will allow for more easy-flow designs within an EMR.

v1.0.0

February 14, 2018
Initial Release of the CRISP InContext App. CRISP InContext is a cloud-hosted service which presents CRISP information within the context of a user's workflow. The service incorporates information from all of CRISP's major systems and some external data sources. A series of API calls are used to orchestrate the requested information, log access, and pass it back to the requester.