

Population Explorer



Resources

<https://www.crisphealth.org/learning-system/cend/>

[CRISP Learning System](#) > [CEND](#)

CEND & Population Explorer

A significant upgrade in our ability to deliver timely and accurate encounter notifications to our users

[Overview](#) [Educational Materials](#) [Webinar and Demo](#) [Available Filters](#)

EXPLORE TOPICS

TCOC Programs

CRISP Reporting Services

Services

OTHER RESOURCES

Maryland Model Analytics

Documents

Events

Overview

The CRISP Event Notification Delivery (CEND) Solution is an internally operated system designed to offer real-time alerts for patients' hospital encounters seamlessly through the Population Explorer application. CEND ensures timely troubleshooting and ongoing enhancements due to its internal nature, enhancing our ability to deliver accurate notifications. After submitting a CEND panel, users are able to view notifications for their patients through Population Explorer ([learn more about panels on this webpage](#)).

Population Explorer

View Panel: DC Demo Panel 1 (DC_CEND_DEMO1)

Export

Quick Filter

DETAILS

TABLE

MALONE_DEMO MARGARET

DOB: 1942-09-01

Encounter Type: Outpatient

Event Time: 2024-02-29 14:56

MALONE_DEMO MARGARET

DOB: 1942-09-01

Encounter Type: Outpatient

Event Time: 2024-02-29 14:56

GRIVE_DEMO VIVETTE

DOB: 1938-06-01

Encounter Type: Inpatient

Event Time: 2024-02-29 09:14

Follow-Up Status

Follow-Up Status: Completed

Last Modified: 2024-05-03T11:29:03-0400 By: jcrismy@crisphealth.org

Patient Demographics

First Name: MARGARET

Last Name: MALONE_DEMO

Gender: Female

• Speakers

- Kevin Phillip, Communication Manager, CRISP
- Jeffery Bahen, Associate Director of Operations, CRISP

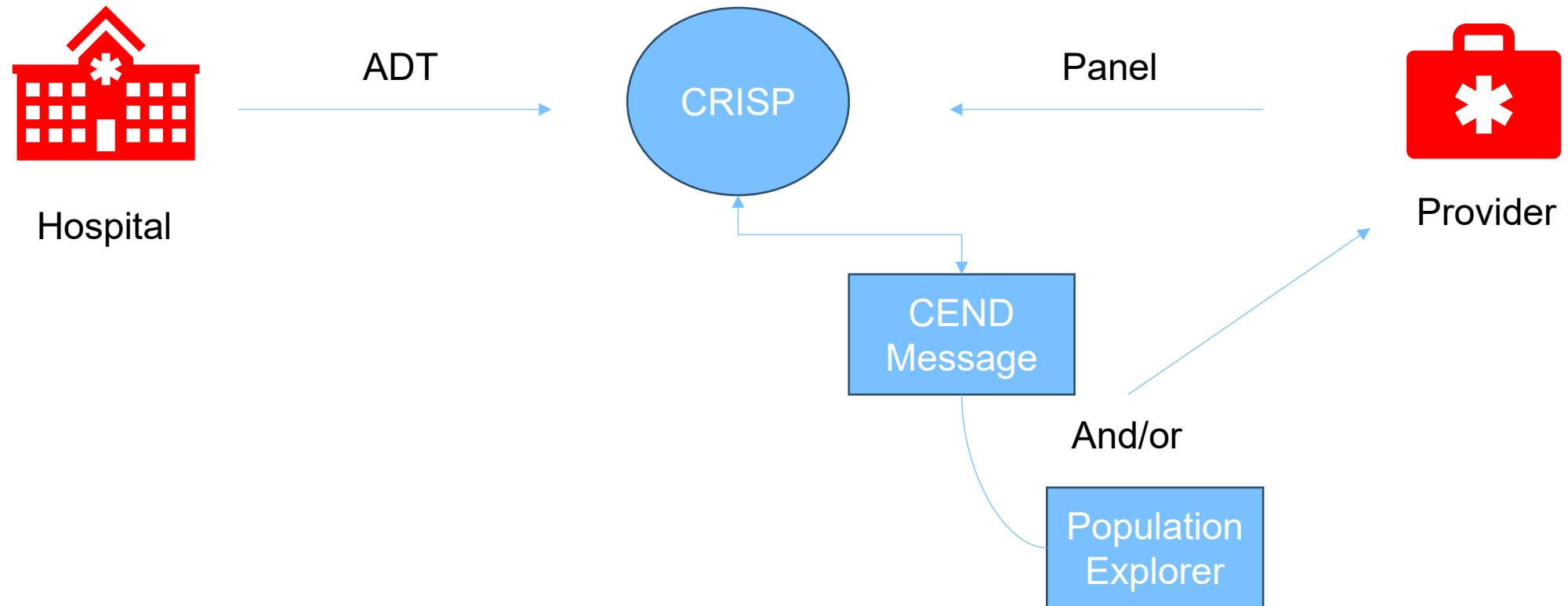


Background

Background - CEND



- CRISP Event Notification Delivery (CEND)



• Background - CEND

- CEND is a complete re-thinking of decade old push alerting technology.
- Using our data lake infrastructure we create curated data sets based on our participant's customizations and deliver them through methods they can support.
- Far beyond ADT – we can provide real-time push extracts based on A1C levels, diabetes risk factors, hospitalizations, and social needs data

• Background - CEND

- I am a social needs provider and want to receive a notification into FindHelp when my client experiences a new Z-Code Diagnosis (like food insecurity)
- I am a primary care provider and want to know if my patient experiences a lab-sourced glucose reading over 200. I want to receive that notification to the secure texting provider my health system uses.
- I am a maternal health provider and I want to receive a notice when my patient, who is an expecting mother, has an emergency room encounter that could impact her labor and delivery

• Background - Panel

- **What is a panel?** A panel is an excel spreadsheet pulled from an offices EMR that includes patients from the past 18 months. This is what CRISP considers an “active” patient.
- **What is the purpose of a panel?** A panel serves multiple purposes. First, it establishes a patient relationship between CRISP and your organization. This gives CRISP an idea of what patients you are going to query. You can always search patients outside of your panel with a legitimate reason (ie care coordination, new patients etc) but you will get an “attestation” warning that the patient is not on your panel. A panel is also how CEND notifications are established. We pull notifications for patients on your panel.
- **What fields are required for a panel?** All panels must include Patient ID, First Name, Last Name, Address, City, State, Zip, DOB and Gender. The panel will not load without these fields.
- <https://www.crisphealth.org/what-is-a-panel/>

- # CEND Delivery Methods

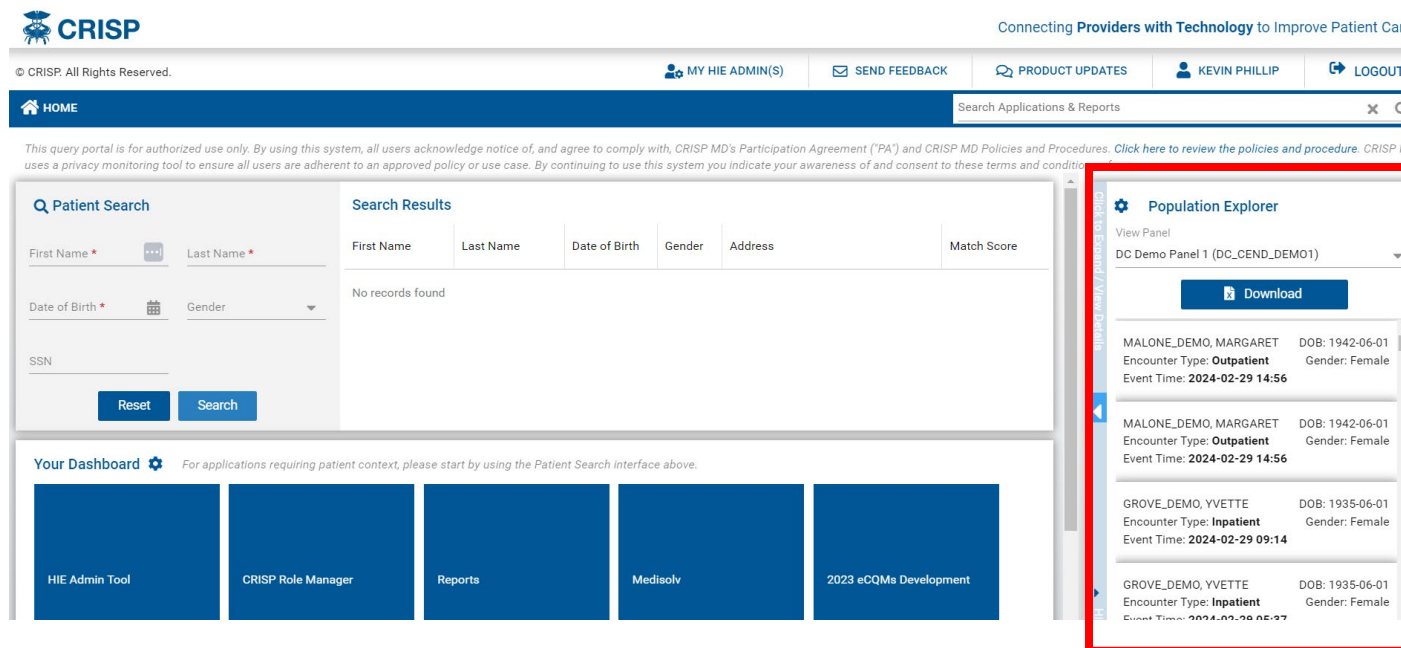
- Service Level MFT & SFTP Accounts
- EMR Integrations
- CRISP Portal through Population Explorer



Population Explorer

• What is Population Explorer?

- Population Explorer is integrated directly into the CRISP Portal, enabling users to view, filter, and export CEND generated notifications. It also allows seamless access to patient data in the Clinical Information tool.



The screenshot displays the CRISP Portal interface. At the top, the CRISP logo and tagline 'Connecting Providers with Technology to Improve Patient Care' are visible. Below the header, there's a navigation bar with links for 'MY HIE ADMIN(S)', 'SEND FEEDBACK', 'PRODUCT UPDATES', 'KEVIN PHILLIP', and 'LOGOUT'. A search bar for 'Search Applications & Reports' is also present.

The main content area is divided into several sections. On the left, there's a 'Patient Search' section with fields for 'First Name', 'Last Name', 'Date of Birth', 'Gender', and 'SSN', along with 'Reset' and 'Search' buttons. Below this is a 'Your Dashboard' section with a note: 'For applications requiring patient context, please start by using the Patient Search interface above.' The dashboard contains five tiles: 'HIE Admin Tool', 'CRISP Role Manager', 'Reports', 'Medisolv', and '2023 eQMs Development'.

On the right side, a 'Population Explorer' panel is highlighted with a red box. It features a 'View Panel' dropdown set to 'DC Demo Panel 1 (DC_CEND_DEMO1)' and a 'Download' button. Below this, a table lists patient data:

First Name	Last Name	Date of Birth	Gender	Address	Match Score
No records found					
MALONE_DEMO, MARGARET		DOB: 1942-06-01	Gender: Female		
Encounter Type: Outpatient Event Time: 2024-02-29 14:56					
MALONE_DEMO, MARGARET		DOB: 1942-06-01	Gender: Female		
Encounter Type: Outpatient Event Time: 2024-02-29 14:56					
GROVE_DEMO, YVETTE		DOB: 1935-06-01	Gender: Female		
Encounter Type: Inpatient Event Time: 2024-02-29 09:14					
GROVE_DEMO, YVETTE		DOB: 1935-06-01	Gender: Female		
Encounter Type: Inpatient Event Time: 2024-02-29 09:14					



CRISP

Chesapeake Regional Information
System for our Patients

Questions?

Please take our survey



Training materials,
recorded webinars, etc.,
can be found at:

<https://www.crisphealth.org/learning-system/cend/>

CRISP Support

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