



BOLD SOLUTIONS FOR CONNECTED HEALTHCARE



Patient Unified Lookup System for Emergencies™



About Ai

- National leader in "connected care," providing a proven and widely adopted SaaS platform for health information exchange (HIE)
- Pioneer of encounter notification and event-driven clinical data exchange
- Trusted partner to HIOs, Government, Payers, and Providers across twelve US states
- Deep market and policy expertise, derived from strategic advisory and health IT managed service engagements









About Ai

Software Services *Scalable, customer-driven product solutions* Hands-on operation of statewide HIEs FLORIDA HIE SERVICES ⁺**★** THA лd TENNESSEE HOSPITAL ASSOCIATION Identify Gateway Data Actionable & Access Services Encounter Access Manifest Management tool Alerting MEDEX CRISE **Strategy**



PULSE Enterprise Overview

Introducing PULSE Enterprise

- During emergencies, patients are displaced hundreds of miles away from their routine health providers without access to their health records
- PULSE improves patient care and outcomes by providing access to medication and clinical histories to emergency personnel at shelters and alternate care sites
- Access to these data can prevent avoidable hospitalizations, reduce adverse events, and increase cost savings.

■ WHY AUDACIOUS INQUIRY | OUR SOLUTION



"

PULSE is a game-changer for how we access disparate and siloed health information networks at the locate, state and national levels.

— NORA BELCHER, EXECUTIVE DIRECTOR, TEXAS E-HEALTH ALLIANCE

PULSE ENTERPRISE

- Designed to ensure simple and efficient workflows for providers in field environments.
- Can be quickly activated since widespread disasters can occur at a moment's notice.
- Improves patient care and outcomes by providing access to medication and clinical histories, avoids unnecessary patient transfers and admissions.
- Coordinates and streamlines alternate care facility and shelter patient management, eliminating paper records and fax machines.
- Provides access to national health information networks that include clinical data for over 205 million individuals and data from 80% pharmacies in the US.

PULSE MILESTONES





 Audacious first developed PULSE in 2015 with funding from ONC for use in California PULSE was first deployed in California during the 2017, 2018, 2019 wildfire seasons



 Broader functionality, Surescripts[®] integration now available through PULSE Enterprise



 PULSE activated/preactivated in 2020, 2021 in California and Florida

≣ National **Deployment**



2018 Redding Fire PULSE was used by emergency responders to pull medication records, including medication name and dose, to support the evacuation of 38,000 people.

2018 Camp Fire

Over 132 Medical Reserve Corps volunteers and members of the National Guard utilized PULSE to query clinical and medication records for evacuated patients.

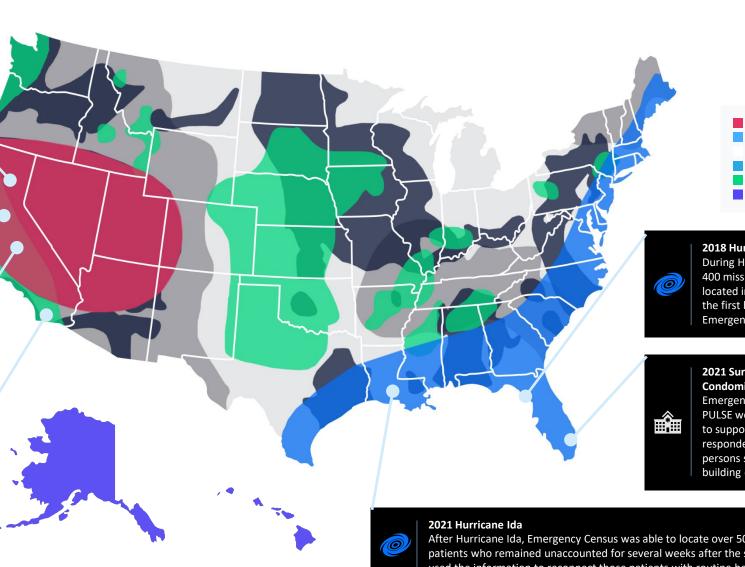


2020 Santa Cruz Fire

PULSE was deployed in 3 fire camps to provide clinical information on medication and allergies that were essential to treating severe poison oak exposure for firefighters.



2020-2021 COVID Antibody Sites Providers from CAL-MAT and Health Corps teams utilized PULSE for 2 COVID-19 Monoclonal Antibody Treatment response sites to retrieve patient health information.



High Fire Risk Earthquake Risk Flood Risk Hurricane Risk Tornado Risk Tsunami Risk

2018 Hurricane Michael During Hurricane Michael, 400 missing patients were located in Florida within the first hour of activating **Emergency Census.**

2021 Surfside

Condominium Collapse Emergency Census and PULSE were pre-activated to support emergency responders in missing persons search after the building collapse.

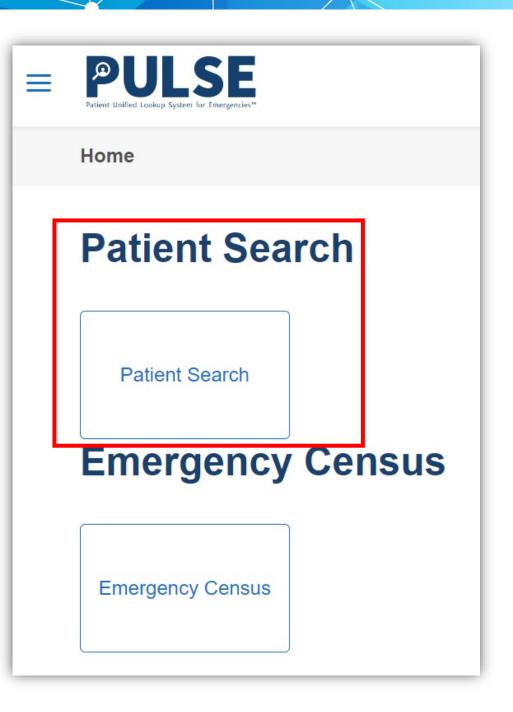
After Hurricane Ida, Emergency Census was able to locate over 50% of dialysis patients who remained unaccounted for several weeks after the storm. Providers used the information to reconnect those patients with routine health services.

What is PULSE?

- Patient Search
 - Available without HIE services
- Emergency Census
 - Available without HIE services
- Missing Persons
 - Requires HIE services

PULSE: Patient Search

- Available without HIE connectivity
- An easy-to-use web portal that allows authorized users to view patient clinical and medication history without an EHR to provide health care in shelter environments
- Documents include information about patients' medications, allergies, diagnoses, and lab results



Benefits of Patient Search

- Keeping people out of the hospital during a disaster by equipping shelters with better tools to provide low acuity patient care
- Reduce time spent searching for information on patients during a disaster
- Hospital can use patient search during a disaster to find patient clinical information if otherwise unavailable



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Ginny Weasley 🔻

Patient Search

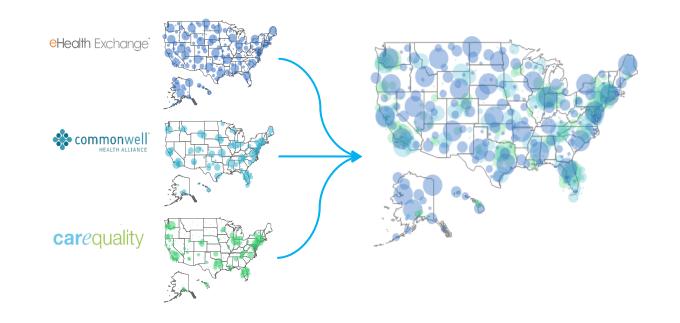
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 <u>Allergies</u>, Adver 	se Reactions & Alert	<u>s</u>					<u>Return to top</u>
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Encounters							<u>Return to top</u>
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Clinical Documents and Medications

- PULSE Enterprise leverages national networks that include clinical data for over 205 million individuals
- Agreement with Surescripts to access Medication History Service for outpatient medication histories covering 80% of U.S. pharmacies and 324 million patients (95% of the U.S. population)
- Access to information from USVI health care facilities requires those facilities to participate in the National Networks



PULSE: Emergency Census (Check-in/Check-out)

- Available without HIE connectivity
- Allows shelter managers to record individuals who have checked in and out of a facility
- Allows family reunification specialists to search for individuals who have checked in or out of a shelter
- Can be performed offline and bulk uploaded when internet connectivity is restored

PULSE: Emergency Census

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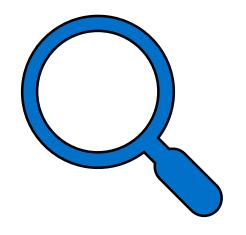
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Benefits of Emergency Census

- Awareness of who is entering and exiting shelters
 - Ability to search across shelters
- Discharges indicate to where people are discharged
- Future functionality groups people discharged by location
- Potential future functionality: package clinical documents for discharged people by discharge location
- Admit and discharge metrics that can be used for funding

PULSE: Missing Persons

- Requires HIE connectivity
 - HIE must be able and agree to share data with PULSE
- Allows family reunification specialists and health care providers to search for individuals who have checked in or out of a shelter, hospital, or emergency department
- Use case: locating dialysis patients after a disaster





COMING SUMMER 2022!

Redesigned Missing Persons Workflow

- Slated for August 2022 production release; in active development based on customer feedback
- Provision Missing Persons Coordinator user role to conduct all steps of workflow in single application:
 - Submit Missing Persons Panel
 - Run and Download Missing Persons Report
 - View prior Panels and Reports
- Unique Missing Persons Panel and Reports can be managed at Organization level, improving system flexibility while managing data privacy

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Missing Persons Panel			Upload New Panel
Panel Name	Created By	Date Uploaded	Current Panel (Latest Panel Better?)
Org Name] Missing Persons V1	User Name Here	05/10/2021	Download



MISSING PERSONS REDESIGN

Upload Missing Persons Panel

Missing Persons			
PANELS REPORTS			
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MISSING PERSONS REDESIGN

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MISSING PERSONS REDESIGN

Upload Missing Persons Panel

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MISSING PERSONS REDESIGN

Run Missing Persons Report

Missing Persons

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MISSING PERSONS REDESIGN

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MISSING PERSONS REDESIGN

Download Missing Persons Report

Missing Persons

PANELS REPORTS

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Benefits of Missing Persons

- Facilitate family reunification by tapping into the HIE network including admit and discharge information for a variety of facilities
- Facilitate patient follow-up by allowing providers to search for unaccounted for patients (e.g. dialysis providers)
- Allows for providers and facilities to continue using their routine workflow without logging into another system
- Using the HIE for patient tracking allows for better patient matching by layering in Master Patient Index (MPI)

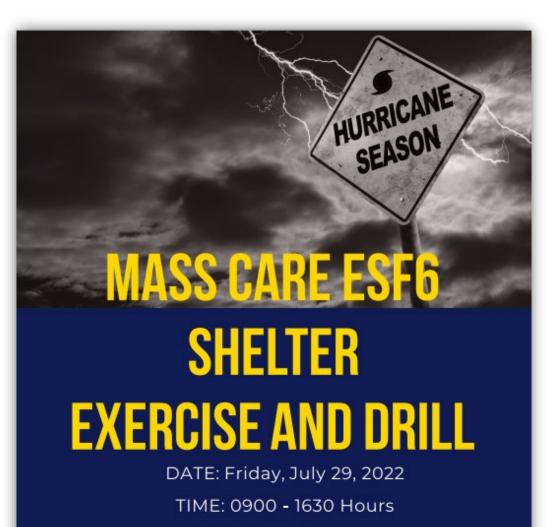
Training & Resources

- Full-time dedicated engagement manager
- Suite of training materials, including just-in-time training
- On-site administrator and end-user training
- Monthly Community of Practice meetings
- 24/7 Service Desk



Shelter Training & Exercise

- PULSE will attend Mass Care ESF-6 Shelter Exercise & Drill on Friday, July 29
- Training on implementation at shelter intake



ISLAND: St. Thomas

Questions

- Would PULSE be used in all shelters or just those that accommodate special medical needs?
- Who staffs those shelters?
 - Do you work with a shelter staffing service (e.g. BCFS, Red Cross)
- How are patients with clinical needs handled?
 - Referred to a hospital or provided with on-site care?
- Would you benefit from on-site Audacious staff assistance during a response?
- As you consider capabilities you want in a shelter, is it important to document the care provided and share with other care providers?
- Are there other desired functionalities that your current tools do not provide?





BOLD SOLUTIONS FOR CONNECTED HEALTHCARE

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