



PulsePoint

Program Launch

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Sheriff's Office / Office of Emergency Services
Public Health / Emergency Medical Services

Robyn Rains, Emergency Services Manager
Ben Gammon, Emergency Medical Services Agency Administrator



What is PulsePoint?

- PulsePoint consists of two mobile apps (Respond and AED) connected to a Public Safety Answering Point (PSAP), or 9-1-1 dispatch center, that alert CPR/AED trained individuals to someone nearby experiencing sudden cardiac arrest, and the location of nearby automated external defibrillators (AED).
- **PulsePoint Respond** supports multiple responder types, including community members, healthcare professionals, and public safety personnel.
- **PulsePoint AED** is a tool to build and maintain a registry of AEDs within the community. AEDs managed with PulsePoint AED are accessible to dispatchers during cardiac arrest call processing and disclosed to emergency responders, including nearby individuals trained in CPR and AED use.
- PulsePoint **Public Interest Alerts** notify registered subscribers of fire and medical incidents dispatched by a PulsePoint connected PSAP.



Goals of PulsePoint

1. Reduce cardiac deaths by decreasing collapse to CPR and collapse to defibrillation times.
2. Build safer, stronger, and more resilient communities by enhancing public situational awareness of emergency incidents.

A graphic with a red border. On the left, text reads "Less than 50% of cardiac arrest victims get help before emergency responders arrive." in black and red. On the right, an illustration shows a man in a shirt and tie performing CPR on a woman lying on the ground. A red first aid kit with a white cross and the words "FIRST AID" is next to them. At the bottom left, it says "GET THE APP. SAVE A LIFE." and at the bottom right is the "PulsePoint" logo with a heart icon.

Less than 50%
of cardiac arrest
victims get help
before emergency
responders arrive.

GET THE APP. **SAVE A LIFE.**

PulsePoint



How does PulsePoint work?

1. A community member experiences cardiac arrest.
2. 9-1-1 is contacted for emergency medical response.
3. The call for service entered by the dispatcher initiates a simultaneous PulsePoint alert to subscribers.
4. PulsePoint responders are directed to the patient location and notified of the nearest AEDs. The dispatcher is not notified if a PulsePoint responder goes to the call for service.

*This notification will not replace the dispatcher providing emergency medical instructions to the 9-1-1 caller, including providing direction on how to perform CPR on the patient. This will also not replace EMS response.



Types of PulsePoint Responders

PulsePoint Respond & AED offer four responder types. Deploying a combination of these types can maximize PulsePoint's community impact.

Public CPR Responders	Registered CPR Responders	Professional Responders	AED-Needed Responders
Community members trained in CPR and AED use and willing to assist if an incident occurs near them. These community responders are only notified of nearby cardiac arrest events occurring in public places.	Agency-invited members of the community with medical or rescue training, such as public safety retirees, CERT members, medical professionals, and residential security staff or residents with special neighborhood responsibilities. These community responders are alerted to all nearby cardiac arrest events, including private residences. With nearly 70% of cardiac arrest events occurring in the home, this difference is significant.	Active public safety employees, such as, firefighters, paramedics, and law enforcement officers assigned Professional Responder status by their organization. Typically, these employees respond and care for patients in residential settings while on duty. To encourage adoption, professional users are provided with specialized app capabilities for on-duty use. When off-duty, Professional Responders are alerted to all nearby cardiac arrest events in the jurisdiction.	Individuals that either own or have immediate access to an AED, such as employees, neighbors, or members of AED response programs. When a cardiac arrest occurs near the AED's registered location, they receive a request to bring it to the scene. Multiple users can subscribe to a single AED, and the system supports all AED models and manufactures.



Privacy Concerns

- Public CPR Responders will only be notified if a cardiac arrest incident occurs in a public place.
- Only Registered and Professional Responders will receive specific address information for a cardiac arrest occurring within the home.

**More than 100,000
of the 350,000+
yearly cardiac arrests
in the U.S. occur
outside the home.**



GET THE APP. SAVE A LIFE.

PulsePoint



PulsePoint Connected PSAP

Solano County currently has eight (8) PSAPs; however, only Solano County Emergency Communication Center (ECC) has deployed PulsePoint at this time and **only Solano County ECC dispatched agencies will receive PulsePoint notifications.**

- Solano County ECC - (EMD Provider)
 - City of Dixon and Dixon Fire Protection District
 - Montezuma Fire Protection District
 - City of Rio Vista
 - Suisun Fire Protection District
 - Vacaville Fire Protection District

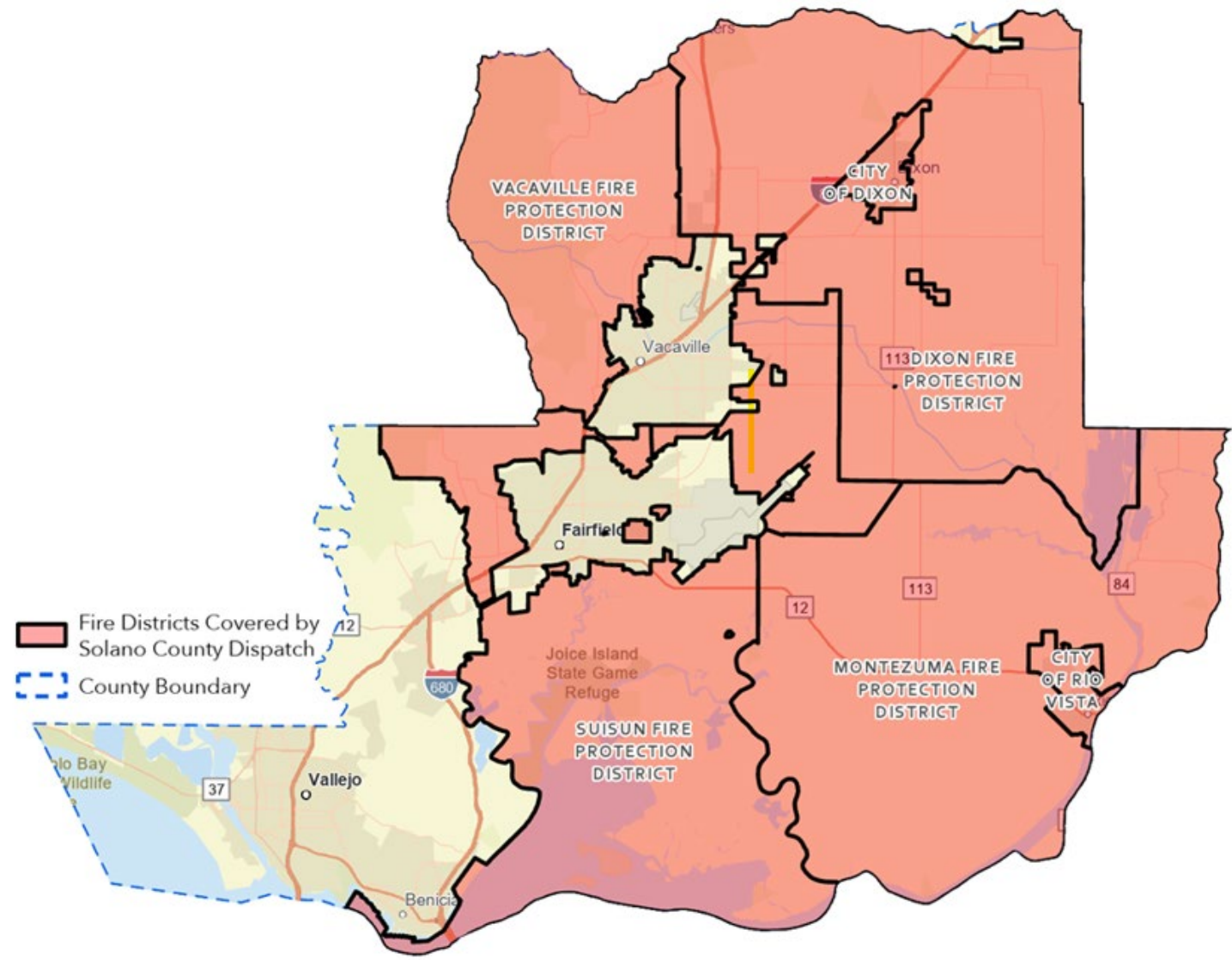
Solano County's other seven (7) PSAPs - will not receive PulsePoint Alerts at this time:

- City of Benicia ECC
- City of Fairfield ECC & Cordelia Fire Protection District - (EMD Provider)
- City of Suisun City ECC
- City of Vacaville ECC - (EMD Provider)
- City of Vallejo ECC & East Vallejo Fire Protection District
- Travis AFB ECC
- CHP Golden Gate ECC

In order to deploy PulsePoint countywide, each PSAP would need to have their own contract with PulsePoint and connection with their CAD provider. In the event any additional agencies consolidate fire and medical dispatch services with Solano County ECC, they would be included in this program moving forward.



Solano County ECC PulsePoint Coverage Area



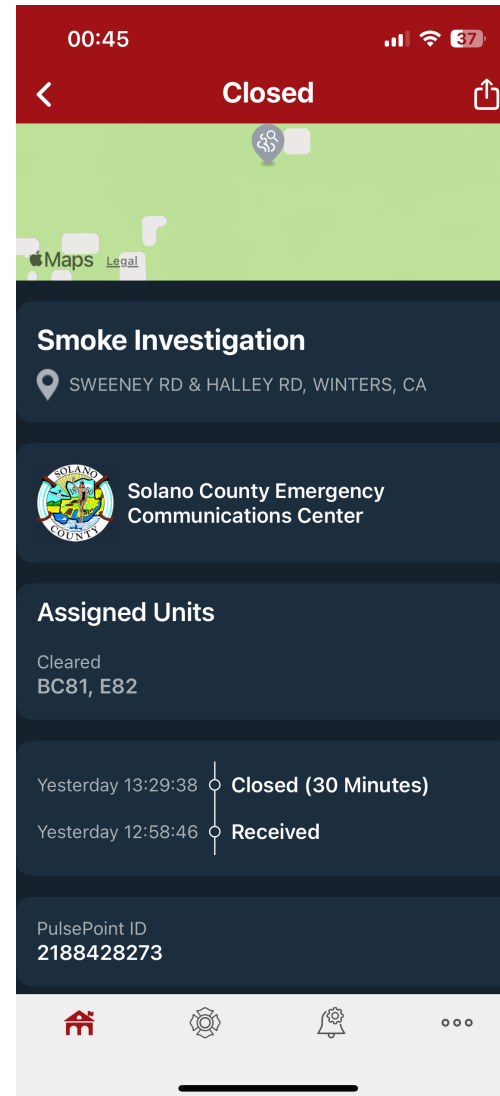
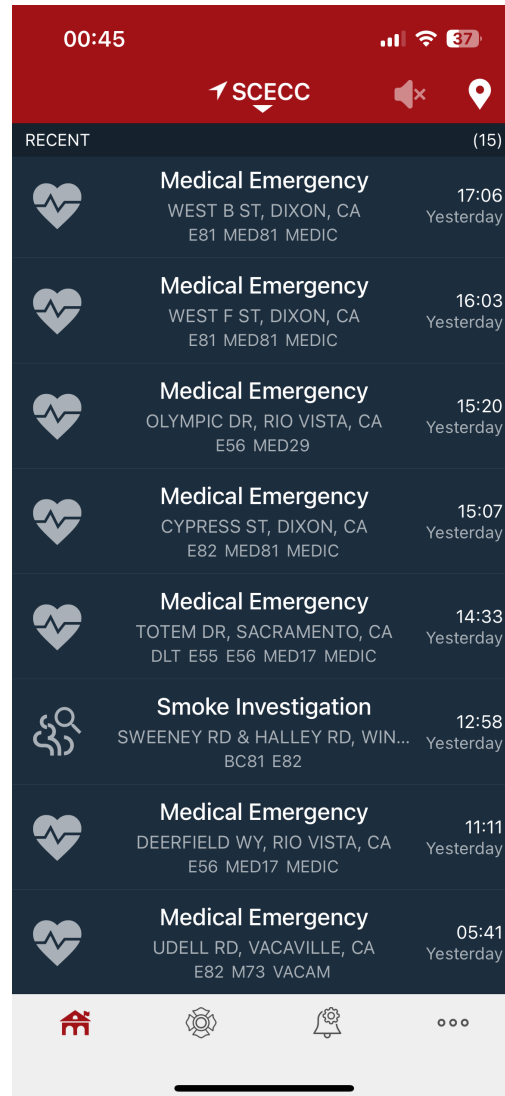


Public Interest Alerts

- Public Interest Alerts notify subscribers of incidents such as wildfires, floods, controlled burns, or major accidents that are handled by a PulsePoint connected PSAP.
- Allows users to voluntarily opt in to receive real-time notifications about nearby emergency activity even if they are not being requested to take a protective action (evacuation order, warning, or shelter-in-place).
- This empowers individuals with increased situational awareness, helping them make better-informed decisions during rapidly evolving situations.



What does PulsePoint look like?



Information Provided

- Incident type
- Generalized location
- Units assigned
- Incident status (open/closed)
- Incident start & end times

Information NOT Provided

- Incident description/notes
- Individual unit times
- Specific incident location

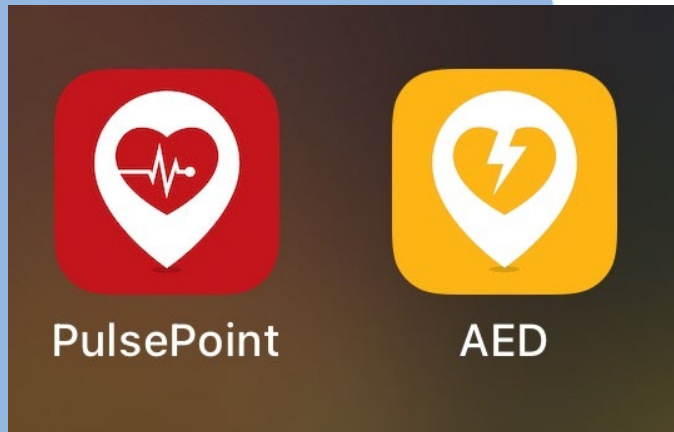
How is this helpful?

- The Public Interest Alert is considered an official source, since the information is coming directly from the PSAP.
- With this vetted information you can seek further details from other trusted sources.



How to access PulsePoint

- Access PulsePoint on your desktop at, web.pulsepoint.org
- Download PulsePoint Respond and PulsePoint AED as free apps available on iOS or Android devices from the Apple App Store or Google Play.
 - Once downloaded:
 1. Tap the PulsePoint icon to open the app
 2. Review and agree to the terms
 3. If you're CPR trained and willing to help, select Yes to opt in to notifications
 4. Select Allow to let PulsePoint access your location to find people nearby who might need help
 5. Tap OK to confirm you're willing to be safe and respectful
 6. Follow an agency
 - Solano County Emergency Communications Center
 - All of our surrounding counties are also PulsePoint connected and can be selected to follow





Questions?