



# Emergency Management & Homeland Security



## 13 Hazards

1. Wildland Fire
2. Earthquake
3. **Flood**
4. Transportation Incident
5. **Extreme Weather**
6. Drought
7. **Hazardous Materials**
8. Infectious Disease
9. Avalanche/Landslide
10. Volcano
11. Criminal Acts
12. Radiological Waste Transport
13. **Energy Emergency**

Emergency preparedness starts with you  
**be prepared**



make a plan



build a kit



stay informed

## Personal Preparedness

### 1. Make A Plan:

- What to do depending on the hazard
- Meeting place inside & outside the neighborhood
- How to contact each other
- Make a map
- Keep a full tank of gas
- Communicate your plan to others





## Personal Preparedness

### 2. Have Kits:

#### a. Home/Shelter in Place:

- i. Water
- ii. Food
- iii. Plastic sheeting
- iv. Duct Tape
- v. First Aid Supplies
- vi. Flashlights
- vii. Mask
- viii. Fire Extinguisher
- ix. Radio

#### b. GO KIT

- i. Copies of important documents
- ii. Prescriptions
- iii. Cash
- iv. Food
- v. Water
- vi. First Aid Kit
- vii. Clothes
- viii. Whistle
- ix. Mask
- x. Duct Tape
- xi. Pet Supplies
- xii. Toiletries



# Evacuations





## Flow of Events

- Incident Occurs
- Threat to the population is determined
- Request for evacuation Alert sent to WCEM
- WCEM Activates the Emergency Shelter Council (ESC)
- Evacuation/Shelter location is determined & included in alert
- Alert is sent



## Alerts

- Information includes:
  - Type of threat
  - Area being evacuated
  - Where to go
    - Evacuation point or shelter location
  - How to find information
    - Traditional and social media
    - [www.Emergencywashoe.com](http://www.Emergencywashoe.com)
    - [Perimetermap.com](http://Perimetermap.com)



## Alerting Tool (CodeRED)

- Allows individuals to choose the method they prefer to be notified.
- WCEM staff draws a polygon larger than the evacuation area and sends the following:
  - EAS
  - WEA
  - Social Media
  - Email
  - Text
  - Voicemail

## Challenges

- Communication
- Situational Awareness
- Personal Awareness
- Informing the community
- Consistency



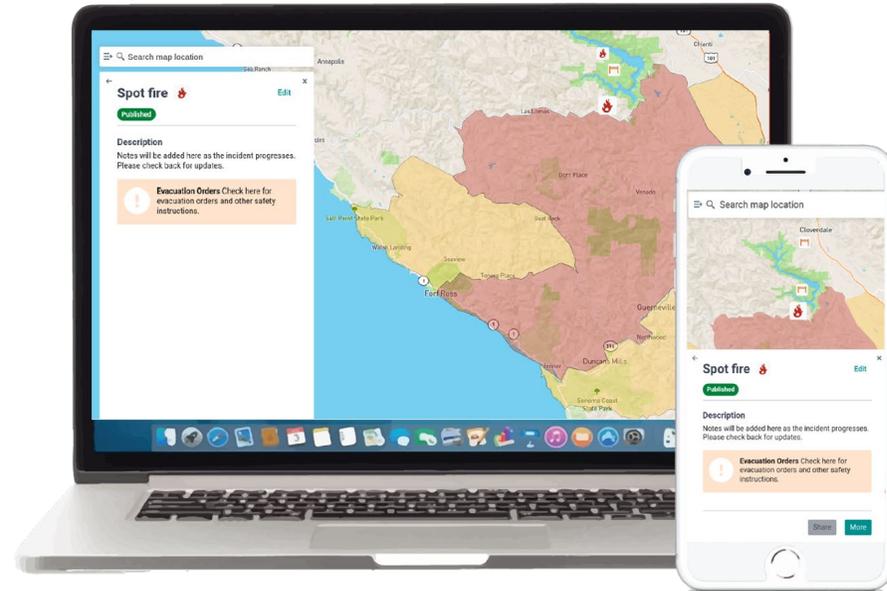
# Pilot Program



**PERIMETER**



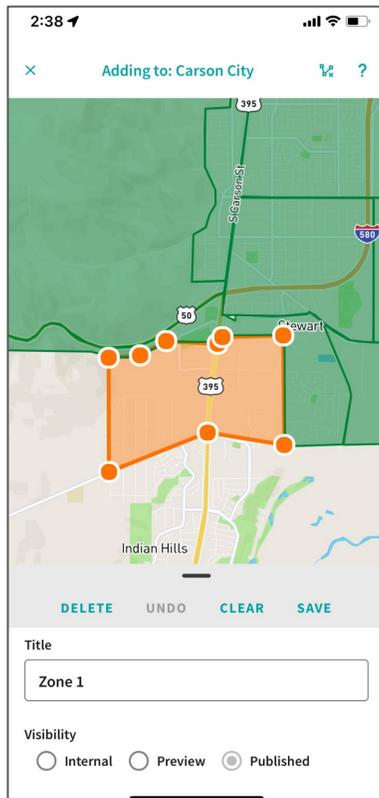
## PARTNERS



**Real-time communication between fire, law, emergency management, and the public during disasters.**

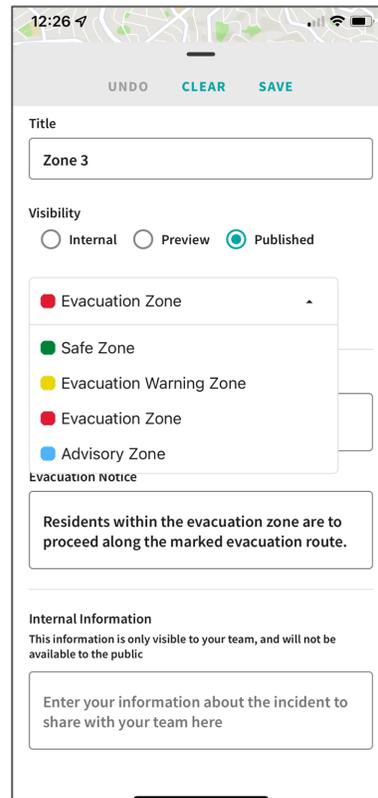
## Pre-planning

Testing and training with first responders.



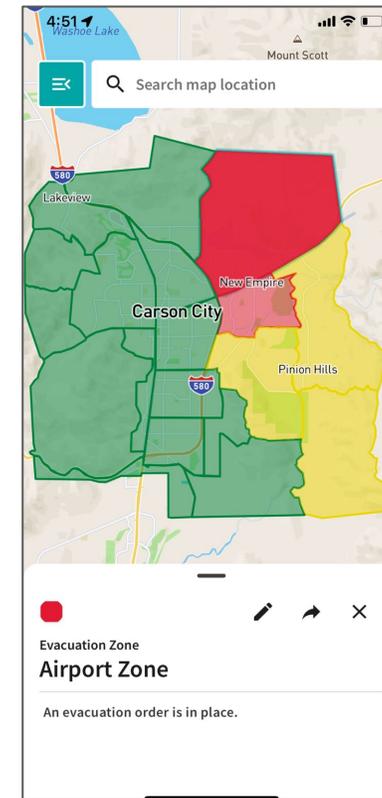
## Real-time collaboration

Coordinate evacuations with other agencies in real-time.

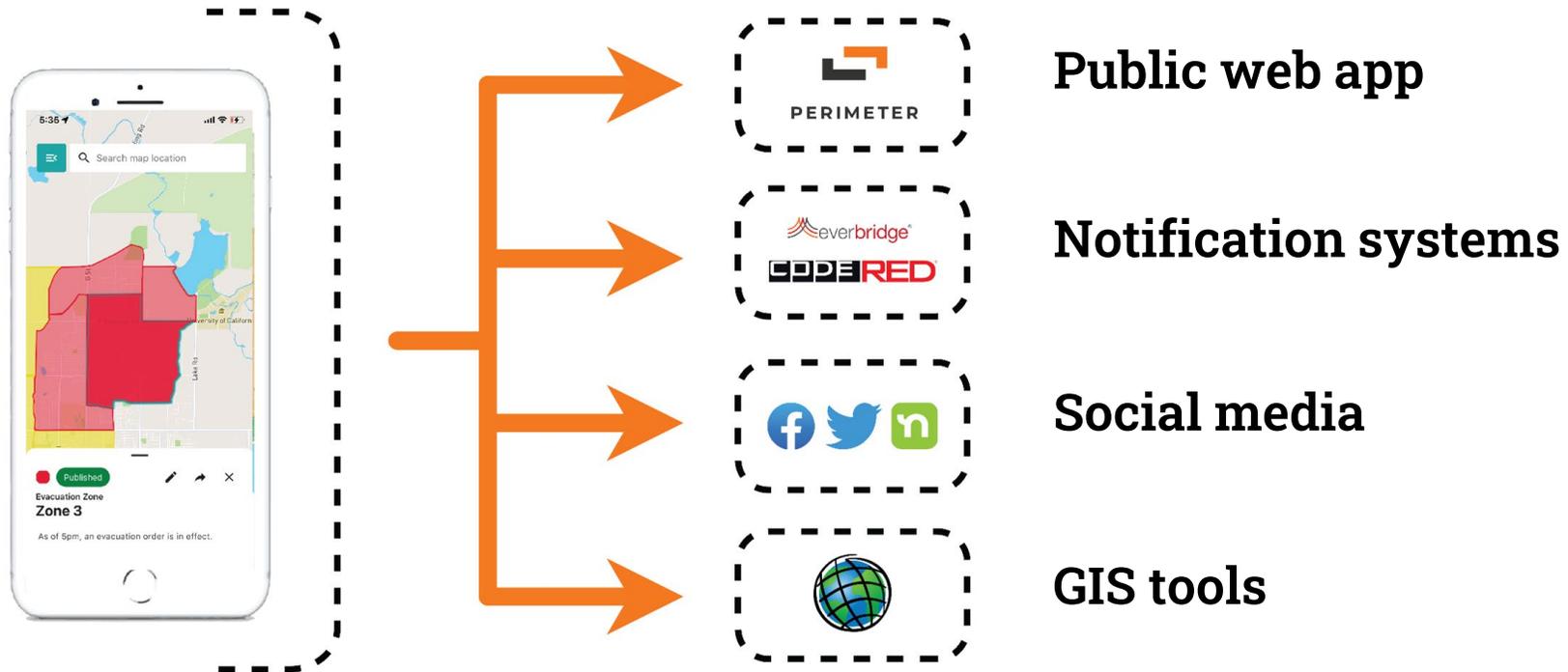


## Alert the public

Publish evacuation areas and instructions to the public.



## Cross-channel communication





## Perimeter Platform is designed for:

- Real-time data updates.
- Low-connectivity environments.
- Accessibility and ease-of-use.
- Integration with existing department tools and notification channels.
- Cross-agency collaboration across jurisdictions.

# Evacuation Video

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## Video

1. Decision making
2. Steps for alerting
3. What people will see/experience
4. Information to aid with individual decision making
5. Setting expectations



# Thank You!

