ECHO 911

RedSky

We're with you, wherever you go.®

Echo 911 sends notification to an enterpise of cellular 9-1-1 calls while the caller is in the boundary of the enterprise's facilities or campus..

On-campus security notified of call and location

Cellular 9-1-1 call from within campus boundary

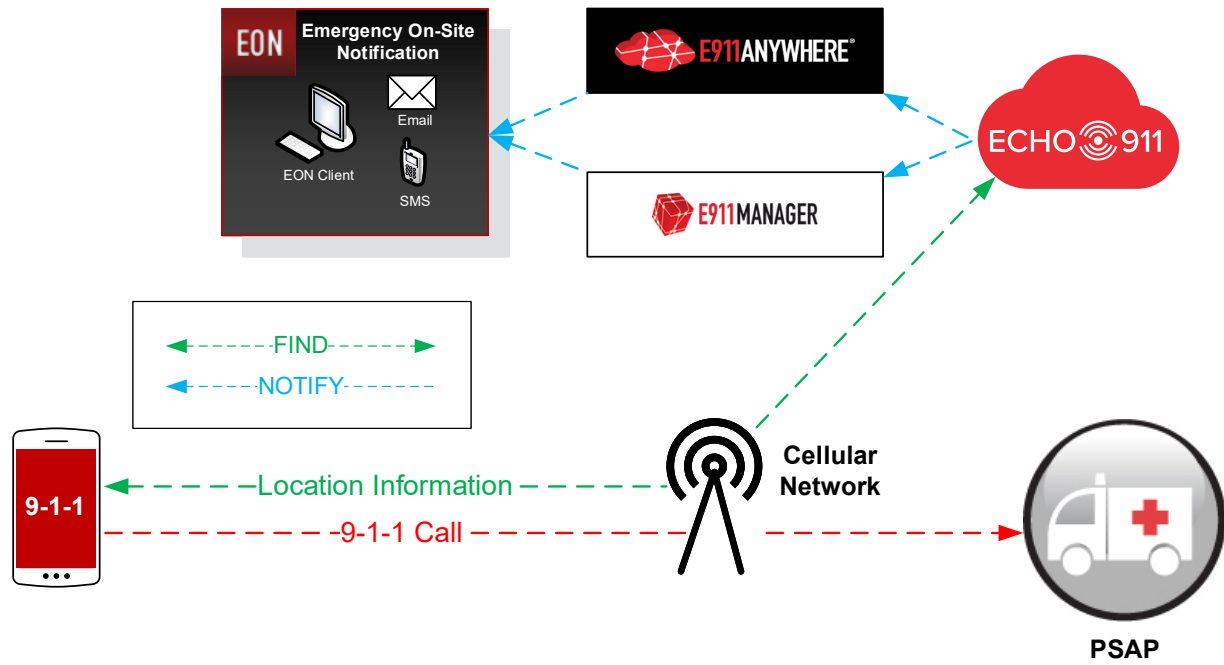**PSAP answers 9-1-1 call as normal**

HOW THE APP WORKS

1. The user installs the Echo 911 app from Google Play
2. The user registers with the service using a Google or Facebook Account
3. Optionally the user can define their home address as well as two emergency contacts
4. If the user dials 9-1-1, the following sequence occurs:
   - The emergency call is delivered using the device's cellular service
   - Echo 911 detects that an emergency pattern has been dialed
   - Echo 911 collects location information using Location Services on the device
   - Echo 911 delivers this information over Transport Layer Security (TLS) to the Echo 911 Service
   - The Echo 911 Service identifies if the caller resides in a defined Echo 911 Protected Area
   - The Echo 911 Service dispatches alerts to the emergency contacts as well as any subscriber in the Echo 911 Protected Area
   - Emergency Onsite Notifications are delivered based on filtering rules defined in either the E911 Anywhere® or E911 Manager® user interface

HOW THE SERVICE WORKS

1. An enterprise subscribes to the Echo 911 Service
2. The subscriber provides the RedSky team with data covering the areas they would like to protect. RedSky currently supports:
   - GIS data in ESRI data exchange format
   - Civic address data when GIS information is unavailable
3. The RedSky team uses the data to create a GIS layer within our GIS Management Solution that corresponds to the "Echo 911 Protected Area" (defined as a Polygon)
   - a. If non-contiguous Echo 911 Protected Areas exist, multiple polygons will be created in the GIS Management Solution
   - b. Polygons can be designated with different site IDs to be used as filtering options for alerts
4. The subscriber approves the Echo 911 Protected Area for production use
5. The subscriber creates Emergency Onsite Notification (EON) alerts:
   - If the subscriber is an E911 Anywhere customer, the systems are already fully integrated
   - If the subscriber is an E911 Manager customer, E911 Manager will be integrated with the Echo 911 Service over TLS to receive events from Echo 911 users
   - If the subscriber is a standalone Echo 911 customer, the E911 Anywhere user interface will have a limited user profile allowing access to alerts subscriptions
6. Optionally, the subscriber may define custom alert templates based on any of the tags available in the template editor
7. Optionally, EON Client user accounts may be created to provide screen pops

TECHNICAL DIAGRAM

EON — Emergency On-Site Notification

EON Client

Email

SMS

E911ANYWHERE®

E911MANAGER

ECHO 911

- - - FIND - - -
- - - NOTIFY - - -

9-1-1

- - - Location Information - - -
- - - 9-1-1 Call - - -

Cellular Network

PSAP

TECHNICAL REQUIREMENTS

Operating System	Android 5.0 or higher
Size	15MB
Content Rating	Teen
Permissions	**Location** • Access Precise Location (GPS and Network based) **Phone** • Reroute Outgoing Calls • Read phone status and identity **Other** • Run at startup • Full network access • View network connections

If you would like to schedule a sales presentation or technical discussion for your organization, please contact Ken Rosko, Director of Business Development, at krosko@redskytech.com or 312-432-5935.

To review RedSky's full suite of Mobility Solutions, please visit redskyE911.com/mobility

ABOUT US

RedSky is the leading provider of on-premise and cloud-based E911 solutions with more customers, more technology, and more experience than any other provider. More than a million workers, students, guests and visitors rely on RedSky for E911 protection.