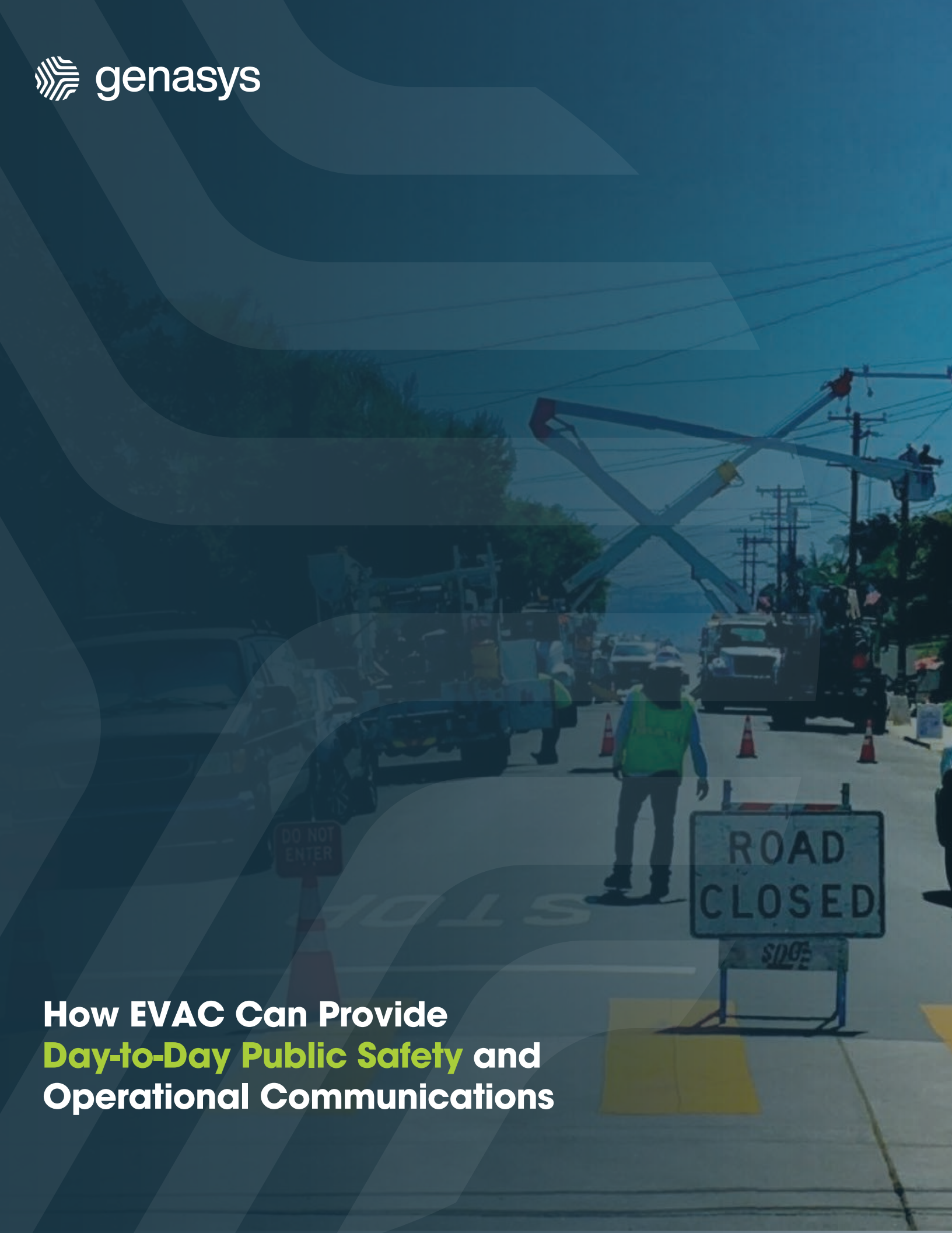


A photograph of a road construction site. In the foreground, a worker in a green safety vest and white hard hat stands near a "ROAD CLOSED" sign. To the left, a "DO NOT ENTER" sign is visible. In the background, a large blue crane is positioned over the road, and several construction vehicles are parked. The scene is set against a clear blue sky with some clouds.

How EVAC Can Provide **Day-to-Day Public Safety** and Operational Communications

Rethinking Emergency and Daily Notifications with **EVAC**

Genasys EVAC is a real-time emergency management and communications platform designed to enhance response times and coordination across multiple first-responder agencies. It allows you to target specific zones for evacuations, critical updates, shelter-in-place alerts, and other emergency information, while reducing message formation time with intelligent zone-based planning. EVAC also enables the sharing of live, relevant situational awareness visually on a map with all stakeholders, improving all-hazard safety during emergencies.

But **EVAC** goes beyond emergencies.

Public safety coordinators, city and county managers, law enforcement, and security professionals, all face the expectations of immediacy whether notifying citizens of road closures and service downtime or providing timely emergency communications during floods, tornadoes, hurricanes, wildfires or industrial incidents like fires, gas leaks, or explosion risks at critical facilities.

EVAC transforms emergency communication and operational continuity for public safety teams and communities. Designed for both large-scale emergencies and day-to-day operations, EVAC provides a single platform for clear, location-based notifications. Whether managing emergencies, coordinating daily operations, or supporting large events, EVAC delivers critical updates quickly and accurately, enabling efficient internal coordination and keeping the community informed and safe.

Why Choose **EVAC**?

EVAC stands out due to three unique features that make it effective for both emergencies and daily use:

- ✓ **Intelligent zones**
- ✓ **Common Operating Picture**
- ✓ **Public-facing map and app**

These features not only enhance emergency responses but also enable EVAC to be used daily, making it a dual-purpose system. It works year-round, not just during rare large-scale events.



Intelligent Zones

At the heart of EVAC's strategic value is its zone-based targeting. EVAC's intelligent zones are highly precise preselected areas on the map used to target notifications. You can quickly notify internal teams or the public within selected zones with a few simple clicks.

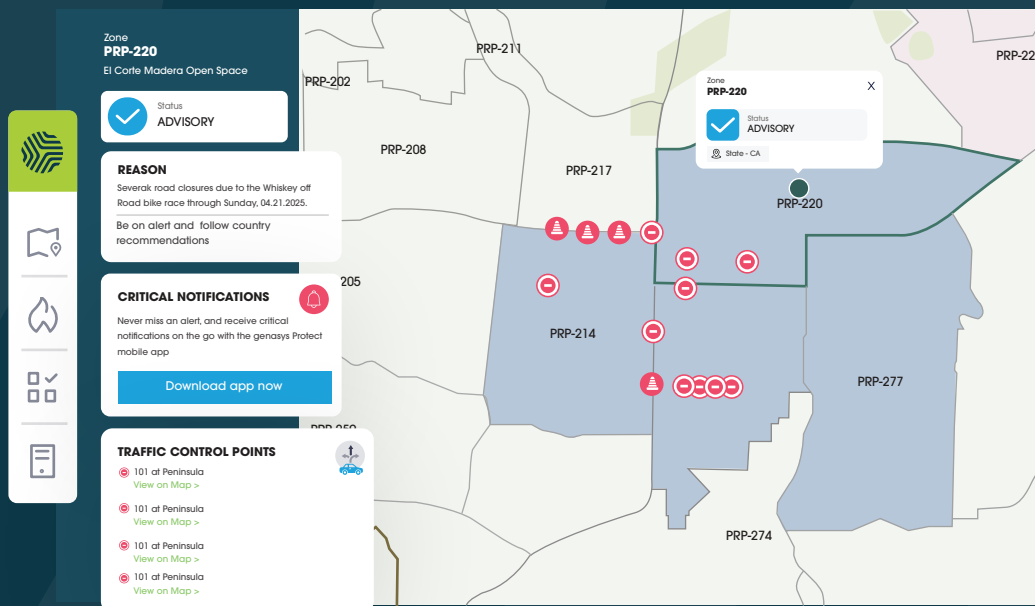
You can also cut and split zones to target more specific areas, such as half of one neighborhood, providing even greater control. Additionally, EVAC allows integration of custom zone layers from external sources, ensuring you can use the most suitable zones for any given situation. This high precision means notifications are more relevant to target areas, ensuring people pay attention to broadcasts, building trust over time.

Each zone contains critical information like population count, vehicle volume, traffic flow, critical infrastructure locations, and more, helping you stay organized and efficient. As events unfold, you can use different icons to mark locations of interest on the map. The ability to visualize updated critical information, and select and change zones on the go, enables organizations to operate dynamically and seamlessly as situations evolve.



Shared Map (AKA Common Operating Picture)

The map is shared and updated in real-time with all users, giving everyone access to critical information through a simple, visual platform which keeps teams aligned and moving efficiently.



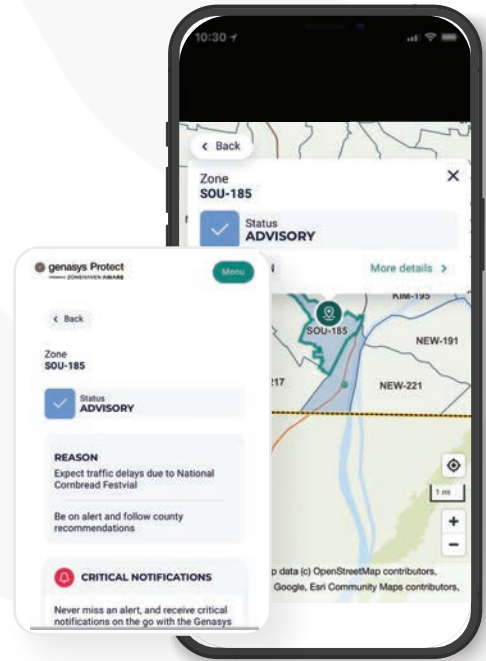
Caption: Recent Advisory communicating road closures and control points during a bike race in Prescott, AZ



Public Facing Map and App

The public map and app share live, trusted information with the community. App users receive notifications when they are in a selected zone or enter an active alert zone. Additionally, they can “follow” multiple locations, like their home, workplace, or a family member’s address, to receive notifications affecting those areas.

When using EVAC, you can select what information to display, and it will automatically appear on both the app and public map. This clear, visual format helps people stay informed and make faster, smarter decisions. By making vetted updates easily accessible, the map and app also reduce misinformation and unnecessary emergency calls.



The Value of Using a Dual-Purpose Communications Platform

Internal Benefits

EVAC coordinates teams quickly, keeps them informed through an intuitive map and continuous updates, and speeds up responses to daily occurrences and emergencies. Teams work more efficiently and stay focused on the situation at hand.

Using a dual-purpose communication platform like EVAC helps agencies do more with less. Instead of managing separate systems for emergencies and day-to-day operations, teams work from one intuitive platform. This saves time, cuts costs, and reduces the need for more personnel or specialized staff, which is impractical for most organizations.

By unifying non-emergency communications and emergency management, EVAC reduces technology sprawl. Teams avoid learning and juggling multiple logins, systems, and workflows. Instead, teams move faster, stay consistent, and work from a common operating picture. A dual-purpose system helps organizations maximize limited budgets and limit administrative overhead.

This daily use keeps teams familiar with the system, leading to faster, more confident responses when critical emergencies happen. It also boosts the return on investment, as the platform delivers value every day, not just during rare emergencies.

Whether you're a government agency, public safety department, or first responder team, coordinating large scale events like parades, concerts, or festivals, managing traffic disruptions, or responding to public safety incidents, EVAC delivers the tools to notify exactly who needs to know through pre-determined zones. This zone-specific information can then be communicated to the public through a visual map.

Finally, EVAC reduces the need for the public to call 911 or government centers for information. They have immediate access to what they need, reducing stress, call volumes, and confusion during busy events or emergencies.

In real-world use cases, counties in South Carolina initially sought a replacement for their outdated emergency communication platforms. Once implemented, each county quickly recognized EVAC’s dual-purpose value. Whether managing road closures, alerting specific neighborhoods to power outages, or coordinating staff during public events, EVAC’s zone-based capabilities provided a smart, nimble way to keep county personnel informed.



Benefits for the Public

EVAC gives the public a single trusted source for both daily updates and emergency notifications. Precise zones ensure people receive alerts specific to their location, eliminating irrelevant notifications and reducing alert fatigue.

As people move around the community, EVAC keeps them informed. When they enter a new zone with active alerts, they automatically receive updates, helping them stay safer and make smarter decisions no matter where they are.

EVAC is not just for emergencies. The platform also delivers notifications about scheduled events like large gatherings, road work, construction, and planned utility maintenance or shutdowns. This equips the public with both current and upcoming information, helping them plan their day and avoid disruptions.

All alerts come directly from trusted, official sources like government agencies and first responders. As trust in social media declines, direct access to accurate information becomes even more critical. By receiving only relevant updates through EVAC and checking the public map at any time, people build confidence in the information—and in the agencies providing it.

Better access to real-time and scheduled updates not only improves safety but enhances quality of life. With critical information always at their fingertips, people can make faster, smarter decisions and feel more connected and protected by their community leaders.

Accessing information becomes easy. Notifications come through the app, where users can customize the types of alerts they receive. The visual map lets people click and explore updates intuitively, or search their address, making it simple even for less tech-savvy users.

EVAC in Action: Day-to-Day Public Safety Communication Use Cases

Using intelligent zones for precise alerts, the common operating picture to keep teams aligned, and the public map and app to keep communities informed, EVAC can tackle an endless variety of scenarios. For logistics and operations teams, this means faster coordination, fewer bottlenecks, and enhanced agility when plans change or messaging needs to be updated.

Real-world examples include:



Infrastructure and Roadway Notifications

- Notify emergency and public safety employees and the public about road closures, construction slowdowns, and utility work.
- Reduce public confusion, coordinate relevant teams to speed up resolution, and relay recommended areas to avoid for the public with location-aware messaging.





Event Communication and Crowd Management

- Coordinate logistics around large events, including parades, sporting venues, fairs, festivals, and marketplaces.
- Send pre-event and real-time alerts to vendors, attendees, and internal teams.



Public Utility and Health Alerts

- Alert residents or teams about spraying activities, utility line work and outages, DUI checkpoints, mowing projects, or compromised sewer systems.
- Communicate health alerts, such as water quality hazards like red tide and algae blooms or community updates during pandemics.



Internal Operations and Safety Coordination

- Empower internal EMS teams to coordinate responses to medical incidents, downed trees, or localized accidents
- Alert staff to cooling or warming station availability or potable water locations during extreme weather.



Security and Personnel Management

- Locate and inform employees or the community during missing person incidents.
- Share policy changes or critical updates without clogging email in-boxes.



Deep Dive: Managing Complex Planned Events and Unplanned Obstacles

Now that we've explored a variety of benefits and use cases, let's take a deep dive into a specific scenario. We'll walk through how EVAC brings planning, public communication, team coordination, and real-time response together during a large, complex event.

Imagine your county is hosting its annual county fair, one of the biggest events of the year. Thousands of people are arriving from across the region, including neighboring towns and counties.

Ahead of the event, you have extensive operations planned. Event parking areas are designated. Traffic officers are positioned at key intersections. Specific roads are closed to control traffic flow. Security teams are assigned to checkpoints and entrances.

Using EVAC, you quickly notify each team about their roles and send ongoing updates throughout the day. Markers on the internal map show the location of parking zones, road closures, officer stations, and security posts. Everyone with access to the common operating picture can see information on the map and stay updated in real time.

Meanwhile, on the public-facing map, the event zone is clearly marked. Roads expected to have heavy traffic are identified. Alternate routes are suggested to ease congestion. Points of ingress and egress are clearly shown, helping event patrons enter and leave the area safely. Live traffic updates let the public see changes as they happen. People entering the zone receive notifications through the app, letting them know they are near the county fair and providing additional relevant information.

Operations are running smoothly. Public safety teams are coordinated. The public is informed. Suddenly, two cars collide just outside the main parking entrance. It's a critical entry point. Using EVAC, you immediately mark the crash location on the map. You send an alert, through the app, to drivers nearby warning them of the blockage and suggesting alternate routes. A nearby traffic officer is reassigned within minutes to direct traffic around the accident. Updated signage helps guide drivers without confusion.

Because EVAC keeps everyone on the same page, your teams know exactly what's happening. The disruption is contained quickly and efficiently.

Throughout the event, countless other small incidents could happen — a broken traffic signal, a medical emergency, an unexpected road hazard, or a sudden severe weather warning. EVAC allows you to manage each one in the same way: fast identification, quick team coordination, and instant public communication.

No matter how many eventualities arise, EVAC gives you the tools to adapt, respond, and protect your community across the entire region.

EVAC in Action: Emergency Use Cases

Large scale emergencies may be rare, but using EVAC during all-hazards is part of using it every day. During emergencies when every second counts, Genasys EVAC proves its value through unmatched performance under pressure.

Designed for high-stakes environments, EVAC issues actionable, targeted alerts. Its monitoring and dashboards enhance team performance during crises. Incident commanders track message delivery, response rates, and ongoing event conditions, making EVAC a dynamic platform for managing evolving threats with confidence.



While intelligent zones, the common operating picture, and the public map are the core of EVAC, the system offers even more for emergency response:



Pre-built and customizable templates speed up alerting.



Disaster simulations and traffic modeling help teams plan and adapt faster.



Real-time tracking shows who received alerts and how situations evolve.



Scheduled alerts and mobile command capabilities keep communication flexible.



Multi-language support ensures no one is left out. EVAC keeps you ready for all hazards.

Face any evolving public safety threat with EVAC:



Floods, Fires, Hurricanes, and Other Natural Disasters



Gas Leaks, Toxic Spills, and Public Health Emergencies



Civil Unrest and Active Shooter Alerts



Shelter Locations and Road Washouts



Integrating EVAC into Your Overall Strategy

Today's public safety agencies have well-entrenched communications strategies already in place. So how do you integrate a solution like EVAC? Here are some strategies to consider:

Phasing In EVAC to Increase the Value of Existing Communications Protocols

EVAC significantly increases the value and effectiveness of current operational communications. One of its main values is how easy it is to scale usage over time to match your needs and those of your community.

Some agencies have found value in phasing an EVAC launch in a two-step process:

- 1** By first leveraging EVAC within the agency's protocols for internal use, responders and managers alike can become fully proficient on EVAC's functionality over time, e.g., intelligent zone customization using existing GIS Layers, multi-agency collaboration and situational awareness/response, and real-time resource optimization. Once they've mastered internal use of EVAC, they move onto the next stage.
- 2** During the second phase, the citizens' webpage and mobile app are launched (following a pre-planned adoption and training campaign for the general public) that expands EVAC's effectiveness to the entire community.

By leveraging immediate alerts and notifications, safety protocols become dynamic and highly responsive, greatly improving outcomes during emergencies. This real-time capability ensures that critical information reaches community members and first responders swiftly and accurately.

EVAC as an Extension of Your Risk Management and Planning Strategy

Integrating EVAC into your community's broader risk management framework elevates preparedness and responsiveness. By proactively incorporating EVAC into existing emergency preparedness plans, administrators can anticipate potential threats and streamline communication procedures.

EVAC enhances the agility of your risk mitigation processes, ensuring quick activation and deployment of alerts based on established risk profiles.





Integrating with Other Tools and Workflows

EVAC seamlessly integrates into your existing communication infrastructure, amplifying its effectiveness across various platforms and channels. This comprehensive integration ensures consistent messaging delivery, broadens reach, and increases message penetration, maximizing the efficiency of communication workflows across your community.

Streamlining Compliance and Reporting

Centralized communication logs offered by EVAC simplify compliance and reporting requirements. By maintaining accurate, real-time logs of all communications and responses, EVAC facilitates easy reporting and auditing processes.

This streamlined approach ensures regulatory compliance, aids transparency, and enhances accountability, making EVAC a vital component of your overall communications strategy.

Closing Thoughts

As strategic decision-makers entrusted with community safety and organizational continuity, leveraging EVAC's advanced capabilities positions you ahead of crises, improving outcomes through effective, targeted communications. EVAC not only enhances immediate responsiveness and operational efficiency but also solidifies trust through precise, transparent messaging.

For forward-looking municipalities and enterprises committed to safety, preparedness, and resilience, EVAC represents an essential investment—transforming communications from reactive measures into proactive strategies that protect lives, safeguard assets, and strengthen community bonds.

Learn how EVAC can be tailored to your organization's unique needs for day-to-day operations, as well as a common operating picture and communications powerhouse during emergencies.

16262 W Bernardo Dr.
San Diego, CA, 92127
858 676 1112
info@genasys.com
www.genasys.com

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