

omnigo

WHY CHOOSE AN

INTEGRATED CAD & INCIDENT COMMAND & PLANNING SOLUTION?

9 ADVANTAGES OF COMBINING CAD & INCIDENT COMMAND & PLANNING SOFTWARE

INTRODUCTION

Since its introduction, CAD has become an invaluable tool for emergency response and public safety. CAD has helped agencies reduce response times, improve dispatch accuracy, and manage resources more efficiently — advancements that have saved countless lives.

But improving agency response is just one aspect of effectively protecting communities — and the professionals who keep them safe. A more comprehensive approach combines collaborative pre-planning, tightly coordinated incident response, and comprehensive recovery efforts for fast-moving incidents and large-scale events.

Today's increasingly complex and interconnected communities, infrastructure, and workplaces call for a solution that integrates CAD, robust planning tools, and mobile incident command capabilities. Modern public safety preparedness demands end-to-end pre-planning, dispatch, and incident command capabilities that can be:

- Launched, accessed, and put to work in an instant
- Seamlessly shareable with cooperating jurisdictions and stakeholders
- Integrated with essential reporting capabilities for all aspects of recovery
- Scaled to serve the needs of a single user or hundreds of users

And as public safety agencies and municipalities experience ongoing challenges like limited budgets, bureaucratic backlogs, and labor shortages, features that reduce manual workload, enhance interoperability, and streamline implementation are more critical than ever.

Agencies looking for CAD, incident command, and planning software products have a great deal to gain by sourcing a single end-to-end solution that integrates all three capabilities.



1. ELIMINATE THE ROADBLOCKS

CAUSED BY MANUAL SOLUTIONS

Binders, notebooks, and whiteboards create unnecessary obstacles and lag time between incident and response. But when responders have instant access to updated pre-incident plans launched by an ANI/ALI data interface from the moment of dispatch, they can have more time to review floor plans, drawings, maps, diagrams, and more — instead of wasting minutes digging through stacks of potentially outdated binders, folders, and notebooks.

And when that pre-incident plan is presented as a visual, intuitive, map-based tool that's accessible on virtually any device, responders can use those minutes more effectively — communicating and acting to get people to safety and limit an incident's damage.

2. ESTABLISH A UNIFIED COMMAND

When the call to dispatch launches the coordinated pre-plan, incident command and a single source of truth are instantly established. A solution that's designed for interoperability simplifies collaboration and cooperation between jurisdictions — a crucial capability for managing resources and responding effectively in fast-moving, unpredictable events.

Features like custom fields, file attachments, checklists, and more help responders prepare and respond quickly and effectively. The ability to integrate external information sources like CCTV inputs, social media feeds, and live news camera video streams can deliver more immediate, full-scale situational awareness. That helps empower incident command to make better decisions faster, because they're better informed, right at the scene.





3. RESPOND FASTER

WITHOUT SACRIFICING PRECISION

When notification is an automated CAD workflow, coordinated response is initiated immediately using incident type and location data. That eliminates opportunity for human error to have an impact on resource dispatch — and enables dispatch personnel to move on to other tasks faster. In large-scale events, getting those dispatchers back on calls can help save even more lives.

Cooperating agencies receive immediate, automated notification, enabling a quicker and more effective joint response. The software's pre-planning tools can help create a robust picture of the scene on the ground and reduce the time needed to assess, request, and dispatch more resources. Data-driven, automated workflows help ensure that the correct response teams are sent exactly where they're needed. So if special capabilities like hazmat are likely to be required based on the location and pre-plan, they're ready to respond fast.

4. ENHANCE VISIBILITY & RESOURCE MANAGEMENT

Without integrated solutions, dispatch has limited visibility into an incident or emergency, and instead has to rely on communications coming in from personnel at the scene to stay abreast of fast-changing circumstances. That can put people at risk, hinder additional support, restrict intelligence, and impede an effective response.

But when dispatch and incident command share a single, unified view, both teams can more effectively monitor personnel locations and activities, track vehicles and other resources, and actively contribute to the safety and coordination of every unit on the scene.

By controlling user access and permissions, incident command can also provide multiple stakeholders secure, view-only access via password-protected URL. In the case of large-scale events that require timely public updates, this feature can allow key communicators access to important information without placing additional strain on response personnel. That can help communities get more people out of harm's way, and prevent fast-moving situations from becoming worst-case scenarios.

5. ENABLE REMOTE STAND-UP

Offsite incident management can make a life-or-death difference in unpredictable events like wildfires or hazmat releases by enabling an effective response without exposing personnel to needless risks. Remote operations also make it faster and easier for responders to consult with specialists and experts without delay. In situations like disease outbreaks, instant access to experts can clarify the correct response fast, rather than waiting minutes, hours, or even longer for specialists to arrive on scene.

Remote stand-up features can make a meaningful difference in the day-to-day, on-the-job experience of dispatch and response personnel — people who have been in heavy demand doing tough jobs, and on whom communities continue to depend for their safety. Giving response workers the tools they need to effectively perform their jobs can enhance their sense of purpose, value, and personal wellbeing on the job.

6. AUTOMATE RECORD CREATION



Accurate, detailed records are critical for regulatory compliance, state and federal program funding, and agency accountability and transparency. An integrated solution is designed to make recordkeeping faster, simpler, and more precise. When a dispatch call launches the incident command system, automations create time-stamped records of every communication and action during the incident. That creates a comprehensive historical record of every interaction, decision, and communication during the event.

Integrated ICS forms with auto-fill fields streamline aid and reimbursement claims, helping jurisdictions fund response and recovery faster and more comprehensively.



7. ANALYZE AND REPORT FASTER

& MORE COMPREHENSIVELY

Automated records are important for more than reporting and reimbursement. Post-incident review, debriefing, and updates to pre-plans can be much more effective with robust data from all sides of an incident. That puts the information to good use, improving future collaborative responses and even helping jurisdictions better predict and prepare for what could happen next.

Data analysis also helps leadership review the financial impacts of incident response and management. That can be helpful in educating stakeholders and the public about ongoing funding and capacity needs, as well as ensuring transparency and accountability to the public interest.

8. OPTIMIZE BUDGETS

One thing many agencies have in common is the need to make tough budget choices. Labor, fleet needs, technological support, training, protective equipment … there's no shortage of need. And while tech budgets aren't often top of mind, it's important to understand how an integrated solution can help agencies reduce overall costs. A more efficient and effective response goes a long way toward saving agency resources.

But there's more to consider, like person-hour reductions in planning. When multiple planning team members can access and use the tool at once to input and/or update plan components such as maps, evacuation plans, photos, rosters, contact lists, and more, the start-to-finish time needed for plan completion can be significantly shorter.

And, since each pre-plan is located in one central place — not in multiple binders, in multiple locations — it's instantly up-to-date and consistent, no matter who's using it or from where. That eliminates the time and expense of printing, coordinating, communicating, and replacing page-by-page binder updates.

Automated workflows, integrated forms, and autofill features also reduce time demands on workers in reporting and submitting funding and reimbursement requests in the post-incident recovery phase.

Trimming time and resource costs throughout every aspect of pre-planning, dispatch, incident command, and response can add up to major savings over time.



9. STREAMLINE PROCUREMENT APPROVALS

The process of procurement can be labor- and time-intensive too, with multiple stages and steps between recognizing the need and finalizing implementation. By choosing an integrated solution that combines CAD with incident command and planning, agencies can optimize the requisition, vetting, and review process.

Events unfold and evolve quickly, and incident response technologies have evolved, too. No one should expect to respond effectively to tomorrow's unknowns with yesterday's technology. **Omnigo's CADblue** delivers an integrated solution that your team can get up and running fast, with support and updates for a safer future — for your community and your responders.

ABOUT OMNIGO

For more than 20 years, Omnigo software solutions have been the preferred choice for law enforcement, education, healthcare, gaming, hospitality, and corporate enterprises. Currently, Omnigo's solutions are used by over 2,000 customers in 20 different countries. At Omnigo, we're committed to helping customers secure their organizations' property, control operational costs, and ensure the safety of the general public. We believe our customers deserve the best support available to protect their people, assets, and brand. We also understand how challenging it can be to protect the community without the proper resources. We're here to arm users with the best tools in the industry. With a team that includes former law enforcement, first responders, and other public safety professionals, we're uniquely qualified to understand exactly what our customers need to protect their communities.

Learn more or request a live demo »

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