

CRISIS-DRIVEN ALERT & CONTROL (C-DAC)



THE WORLD'S MOST COMPLETE
EMERGENCY ALERT AND CONTROL SYSTEM



**SCALABLE. RELIABLE. SECURE.
CUSTOMIZABLE. COMPLIANT.**

CentrAlert designs and manufactures Crisis-Driven Alert & Control, or C-DAC, which is an intelligent emergency alert and control system that directs personal communications to targeted recipients, coordinates mass notification using any device, and provides integrated controls to secure the environment and mitigate the effects of a crisis.

C-DAC, now in its fifth generation, continues to lead the industry in emergency communications technologies. Input from agencies around the world has helped us perfect our system to stand above the competition. C-DAC works with any organization's emergency alert and control requirements by outfitting the facility with an entire system or seamlessly integrating with existing technologies to provide a comprehensive, reliable solution.

Operational Features

- Presence-Based or Virtual System
- Dual Server Capabilities with Automatic Failover
- Redundant Communication Pathways to Ensure Signal Transmission
- Extensive Security Measures like User Authentication and Secure Communication Algorithms
- Unlimited Emails or Texts for Up to 10 Essential Contacts
- Remote Access with Mobile Guardian App and Mobile Operations Kit
- Pushbutton Activation with Remote Control Panel
- Records All System Data and Keeps it Logged for Reporting and Review
- Fully Customizable with a Variety of Software Modules Available
- Single or Multi-Operator Activation
- CAP and IPAWS Certifications

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SOFTWARE COMPONENTS

- **Guardian User Interface** - Your portal to the C-DAC system, allowing you to easily provide integrated crisis alerts and notifications to multiple devices and device types. Our easy-to-use “recipe” creator coordinates all of your Protective, Maintenance or Drill Actions, grouping them according to your emergency action plan. You can select affected areas using our mapping tools and device lists, with icons showing the different devices as they are added to the interface.
- **SOS Siren Module** - Provides direct two-way controls with native Whelen protocols to any Whelen siren. The SOS Siren Module can also merge with third-party sirens where the protocol is available or be retrofitted with CentrTalk protocol, allowing a common interface to multiple manufacturers.
- **Message Reader Board Module** - Communicate directly with any message reader board, whether supplied by CentrAlert or a third party. Different messages can be broadcast to different areas simultaneously, with the operator having the ability to send pre-scripted or real-time messages as the situation demands.
- **Emergency Audio Relay System (EARS)** - Send targeted messages to any radio receiver including LMR subscriber units, handheld tactical radios, emergency AM broadcast stations and Public Address systems.
- **Director Input/Output Module** - The intermediary between C-DAC and the CentrAlert line of DIO hardware. The DIO Module receives input from devices such as the DIO Unit or Remote Control Panel to initiate emergency response measures. It also outputs command strings to field devices to initiate control actions such as HVAC shutdown, unlocking of shelter doors, relay control and more.
- **C-DAC Aware** - Enables C-DAC to respond to Common Alerting Protocol (CAP), an international standard that is used by Integrated Public Alert and Warning Systems (IPAWS). This fully customizable software module allows the operator to compose and send specific messages related to any National Weather Service (NWS) or National Oceanic and Atmospheric Administration (NOAA) event.
- **Mobile Guardian** - Access and activate your C-DAC actions from your registered mobile device for ease of use while on the go, with all activities logged for historical reporting.
- **Know NOW!** - The Know NOW! App allows the operator to send Public Alerts (to any local App user) and Private Alerts (to operator-generated groups) so that clarity can be provided in any emergency scenario. These Alerts appear as push notifications on the recipient's phone with the ability to add locations, photos, videos, audio, documents and web links to give context to the message.
- **Automatic Failover** - Server-class C-DAC systems with the Automatic Failover Module feature two or more servers constantly online so that if one server is disconnected, the other(s) continue to work uninterrupted.
- **External Component Presence** - ECP automatically monitors other C-DAC installations in the system and alarms if any C-DAC drops offline. Alarms can be programmed to automatically initiate maintenance notifications to key personnel via phone, text or other means.
- **Virtual Server** - While traditional C-DAC systems are presence-based, virtual servers can be established in the CentrAlert Cloud, making it easier to reallocate resources, adapt to dynamic workloads and easily provide backups to all system files.
- **Central Alarm Server** - For customers with multiple C-DACs at various locations, the Central Alarm Server connects to all individual Site Alarm Servers to create a singular location to monitor all company activity.
- **BuildAlert** - While the Guardian User Interface is designed to instantly set off pre-built Actions, BuildAlert enables complex configurations to be entered using a touch-screen or mouse interface. This enables the Operator to create actions on the fly, allowing dynamic control of emergency alert and notification messages.



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The CentrAlert® hardware line works seamlessly with our Crisis-Driven Alert & Control™ (C-DAC) software suite, providing both input activation controls and output notification devices. Our hardware products can also integrate third-party components for C-DAC control. Additionally, they can be installed as standalone devices for use where third-party controls are in place. We also manufacture custom devices - call CentrAlert for details.