

# Emergency Mobile Command Center (EMCC)



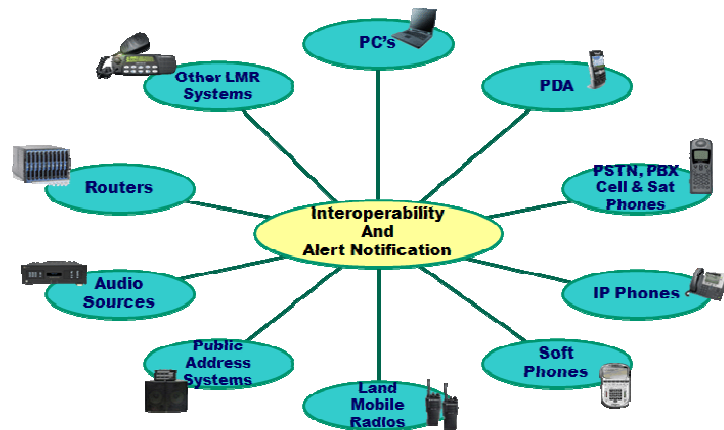
## EMCC Capabilities

- **Multi-Device Notifications and Communications** – Fully integrated alert notification across PC's, wireless PocketPC, Blackberry, Cellular phones, Land line phones, pagers, video and radios.
- **Minimization of Network Saturation** – Utilizes Secure Communication Transmission (SCT) that allows nearly full utilization of available communication spectrums in time of emergency.
- **Cross-Functional Communication and Alert Notification** - Multi-Device/Multi-Network Secure Urgent Notification and secure messaging.
- **Distributed Messaging Architecture** – Scalable, redundant deployment with automated Fail-Over. Support for thousands of users across hundreds of servers.
- **Secure and Encrypted Communication** - for Alert Notifications, Voice-Over-IP Communication, Radio Linked Talk Groups, and 2-way text or voice communication using SCT.
- **Active Directory / LDAP Integration** - Single automatic Sign-On Authentication and User / Group Synchronization.
- **Multi-Lingual Messaging** – Real-Time Translation for over 12 languages for Alert Notifications and Multi-Language secure messaging, with auto-translation between users of different native languages.
- **Text-To-Speech Conversion** - Alerts & Two-Way Communication across Multiple Voice and Text Based Messaging Channels (e.g. typed message on PC can speak message to PCs, Phones, Radios, PA system).
- **Automated High Volume Phone Dialing** - Integrated VoIP "SIP" based phone dialing reduces reliance on dialing capacity and traditional switched phone equipment.

Delivering safety and security services to citizens -- particularly in times of crisis and at our borders -- is one of the many critical responsibilities of federal, national, and state governments. The ability to respond quickly, cost-effectively, and securely is key. First responders, U.S. Homeland Security, FEMA and Customs & Border Protection staff, armed forces personnel, firefighters, and police officers can all benefit from the **Emergency Mobile Command Center (EMCC)** -- a mobile communications system that is easy to transport, set up, and use for field communication when responding to emergency situations such as national disasters, terrorist threats, and health care emergencies and when protecting our borders.

**The Emergency Mobile Command Center (EMCC)** is a comprehensive, interoperable, real-time communications solution designed with state-of-the-art technology that can enable a team of responders to **act quickly, securely, and in a more coordinated way** to protect our community from unexpected emergencies and to **empower border security officials** to protect our country.

The EMCC is a suite of systems that **enable interoperable communications and instant alert notification** allowing public safety personnel, government organizations, citizens and corporations to connect anytime, anywhere using any communications device... regardless of existing infrastructure, hardware or frequencies.



The EMCC is a **highly stable and reliable system** due to its lack of dependency on any one single communication media infrastructure; it supports the Public Internet, WAN, 802.11b, VPN, Cellular, Satellite, and Radios. Communication infrastructure saturation, common when cellular usage rises dramatically, can be minimized with the addition of the **most advanced spread spectrum waveform technology previously available only to the military.**



**C2i Solutions, Inc.**  
2253 Edgartown Lane  
Smyrna, GA 30080  
877-438-1112  
www.c2isolutions.com



# Emergency Mobile Command Center (EMCC)

~ Rapid Deployment. Interoperable Communications. Real-Time Data ~

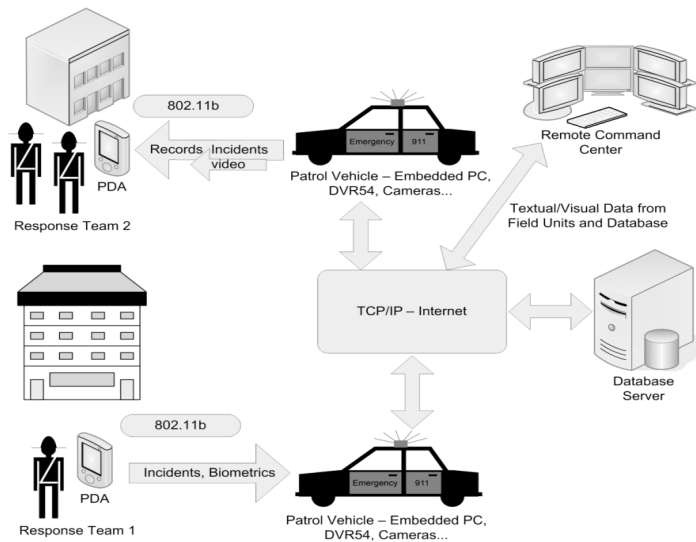
## EMCC Capabilities

- Pre-Defined Scenarios, Ad-Hoc, & System Automated Alert Notifications
- Alerts can be initiated from Templates, Ad-hoc generation by an authorized user, or External System/Event Codes (via XML, HTML, SQL)
- Custom Response Options - Provides for pre-Defined Data Entry Forms for Custom Responses, Real-Time Data Gathering, Data Export, & Acknowledgement Tracking Options.
- Secure Messaging Between Multiple Agencies/Entities – Separate agencies and entities can instantly share alerts and initiate secure communications.
- Real-Time User Status Indicators – User “Presence” tracked across connected devices (i.e. offline, online, busy, away)
- Video Capability –Secure video conferencing and mobile video or picture viewing via handheld devices.
- Electronic White boarding –Enables viewing and editing collaboration on images such as maps, floor plans, diagrams, etc.
- Automatic Alerts – Data from external systems activity provides for urgent alerts (e.g. National Weather Service, camera motion detection or panic buttons)
- File Attachment & Multi-Media Support



The EMCC is *easier, faster and less expensive than hardware alternatives*. The system can provide ongoing day-to-day communications, as well as establish instant tactical communications within minutes of arriving on scene at an emergency. It *enables live communications and alert notifications across multiple devices*, including: 2-way radios, landline and cellular telephones, computers, pagers, hybrid cell phone/radio devices (such as Nextel Direct Connect), and more. Alert notifications and voice communications can be *instantly transmitted in multiple languages on any device or frequency*.

The EMCC's *Wide Area and targeted instant alert notification system* allows incident managers to immediately notify first responders and private citizens of evacuation procedures, Amber Alerts, hazmat warnings or other urgent notifications regardless of device or frequency type. The EMCC also enables users to access streaming live video and mobile surveillance connections.



The EMCC doesn't restrict organizations to specific equipment, so there's *no need to replace your existing infrastructure, radios, computers, hardware and networks*. The system supplements, integrates and mixes audio from any source, including legacy and new radios, analog and digital UHF and VHF radios, analog and digital PBX phones, cell phones, soft phones, IP phones, PDAs, and PCs. The EMCC *enhances your existing communications infrastructure* by allowing more users to occupy and assign radio bands without interference, providing the capability to handle increased communications volume experienced during most major incidents.

From national defense, to homeland security & emergency management, to administration and training, the Emergency Mobile Command Center (EMCC) can be used every day by virtually every department and agency in the federal government to keep our country safe and secure like never before. *Call today to learn more about this state-of-the-art mobile communications system.*



**C2i Solutions, Inc.**  
2253 Edgartown Lane  
Smyrna, GA 30080  
877-438-1112  
www.c2isolutions.com



# Emergency Mobile Command Center (EMCC)

~ Rapid Deployment. Interoperable Communications. Real-Time Data ~

**Ruggedized  
Mil-Spec Cases**



• **Communications**

• **SAN**

• **Server Blades**

• **Switches**

**Fiber**

**Copper**

• **UPS**

• **WAVE Technology** (Optional)

• **VOIP**

• **Device Interoperability**

• **High Speed Streaming Video**

• **Pre-Defined Scenarios, Ad-Hoc, & System Automated Alert Notifications**

• **Live Communications and Alert Notifications Across Multiple Agencies, Entities & Devices**

• **White Boarding & Strategy Deployment**



**C2i Solutions, Inc.**

2253 Edgartown Lane

Smyrna, GA 30080

877-438-1112

[www.c2isolutions.com](http://www.c2isolutions.com)