

THE C-AT ICRI CABLE REEL KIT FOR RAPID CONFINED-SPACE AND IN-BUILDING COMMUNICATIONS

During a school shooting, the assailant's path is fast, violent, and unpredictable. It begins at an entry point and moves quickly toward high-density areas such as classrooms, cafeterias, and gyms. Whether the school is a single-story campus or a multilevel building, attackers often move through hallways, stairwells, and remote zones. Incident commanders and response teams must maintain communication across the entire structure, not just at the point of entry.



The C-AT Confined Space Cable Reel Kit delivers zero-failure radio operability by physically extending a donor radio's signal into the school. The cable runs through hallways, stairwells, and hard-to-reach areas where RF signals often fail. It deploys quickly with the entry team and establishes reliable communication on a simplex talkaround channel—where the inside radios transmit and receive on the same frequency as the donor radio attached to the reel.

Once connected to the ICRI outside at the command post, that hardline link enables interoperability with outside units. Those external radios can operate on a repeater or any other channel compatible with the ICRI. The result: responders inside stay connected, command maintains control, and the hardline reel is retrieved just as quickly as it was deployed—ready for the next entry.



Extend comms through concrete,
stairwells, and lockdown zones.
Deploys with your team.
Stays online when radios fail.

C-AT Confined Space Communications Kit Mines, Caves and Tunnels

THE C-AT Confined Space Communications Kit For Rapid Confined Space and Mine Collapse Communications

The ICRI™ bridges communication gaps across incompatible radio systems, including VHF, UHF, satellite, and cellular. It allows realtime coordination between inside teams and surface command, regardless of location

COMMUNICATION PROBLEM: RADIOS FAIL IN MINES AND REINFORCED STRUCTURE

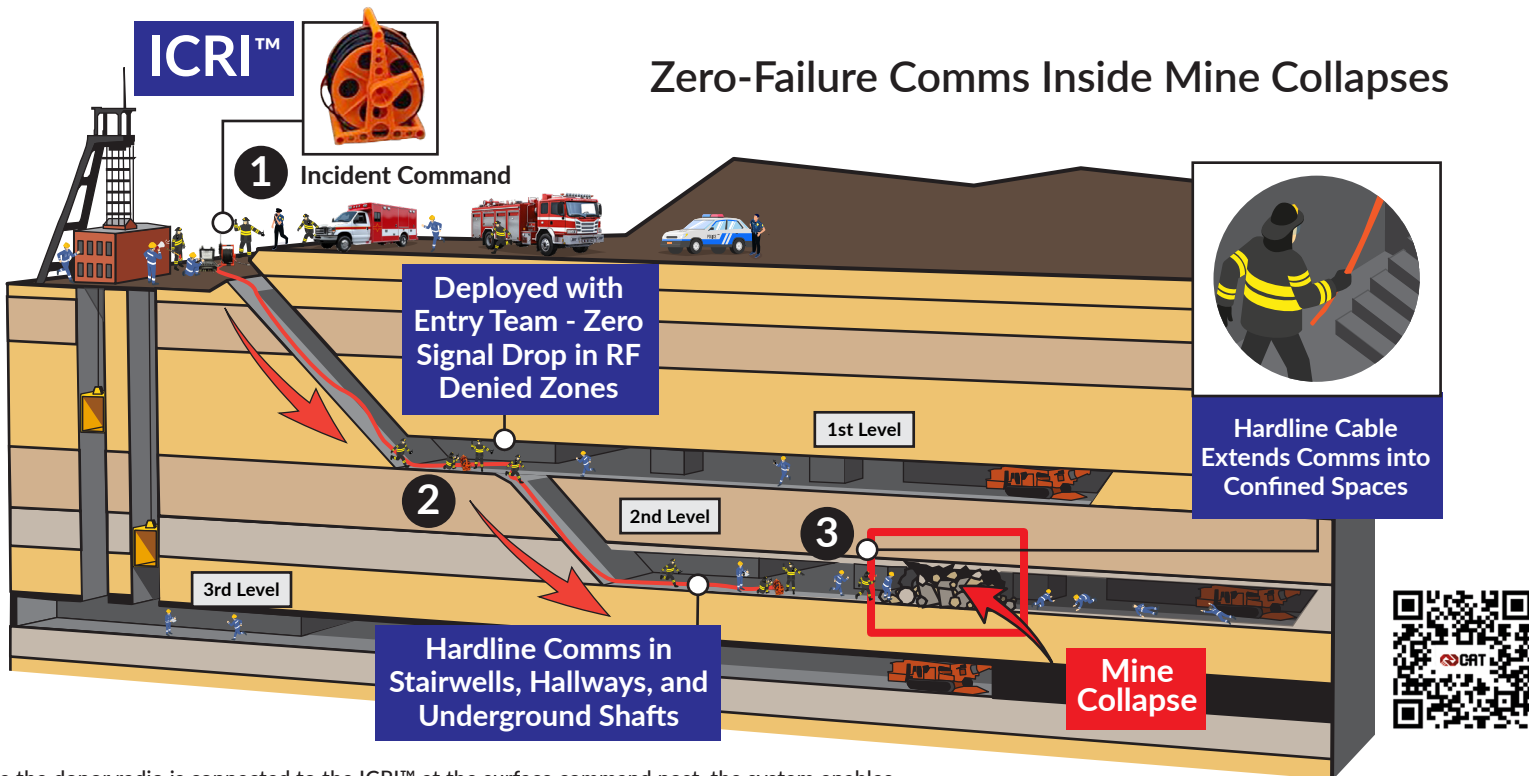
OUR SOLUTION: DEPLOY CABLE CONNECTED OPERABILITY IN MINUTES

MISSION BENEFIT: LINK ENTRY TEAMS TO COMMAND WITHOUT SIGNAL DROP

Radio signals often fail underground due to dense rock, depth, or reinforced shafts. The C-AT Confined Space Communications Kit restores communication by physically extending a donor radio's signal from the surface into the collapse zone. The cable is deployed with the entry team and runs through shafts, tunnels, and blocked passageways where RF signals typically cannot reach.

Inside the mine, team radios operate on a simplex talkaround channel, using the same frequency and channel as the donor radio connected to the reel. This provides reliable operability within the structure.

Zero-Failure Comms Inside Mine Collapses



Once the donor radio is connected to the ICRI™ at the surface command post, the system enables interoperability between internal teams and external units operating on different radio types or frequencies. Surface radios can operate on repeater channels or any other channel supported by the ICRI™, allowing full communication across all roles and agencies.

Unlike fixed hardwire systems, which often become useless after a collapse due to severed lines or buried infrastructure, this system is deployed in real time by the entry team. It creates a fresh, intact comms link into the affected area using existing radios and portable cable, with no reliance on damaged systems.

The Result: Inside teams stay connected, command maintains operational control, and the reel has autoassist for easy recovery for future use.



**OWN THE COMMS. Schedule a Demo today.
Extend Interoperability Without Compromise.**

Systems Feature and Use Funds

- **Compact and Rugged** - Built for confined space response during mining, tunnel, or underground emergencies.
- **Low-Voltage, Non-Sparking Design** - Low-voltage signal line engineered for use in sensitive or combustible areas.
- **Deployed with Entry Team** - Maintains radio connection through rock structures and deep shafts.
- **Hardline Communications** - Restores radio operation in stairwells, tunnels, passageways, and collapsed environments.
- **Operability Tool for Confined Areas** - The cable reel provides reliable communication on a simplex channel. Interoperability with other systems is handled by the ICRI™ at the surface.