

COPPER™

WHAT IS COPPER?

COPPER is a secure, web-based all hazards planning & training platform with integrated manual and live data that delivers a unified common operating picture across agencies.



INCIDENT MAPPING

Plot and track CBRN events on five satellite and terrain maps



FALLOUT PREDICTION

Real-time nuclear plume modeling with wind integration



MULTI-ORG ACCESS

Shared situational awareness for all response teams



SECURE & SCALABLE

License-gated access with organization authentication & support



WWW.COPPERREADINESS.COM

DEPLOYMENT & USE CASES

COMMAND & CONTROL

- Multi-incident common operating picture
- Simultaneous multi-agency access
- Historical event library and archiving
- Conversion tools and resources



PLANNING CELL

- Pre-mission scenario modeling
- Duplicate event features for "what-if" analysis and scenarios
- Fallout modeling at multiple yield levels
- Wind condition impact assessment



FIELD OPERATIONS

- All hazards and affected area plotting
- Nuclear device detonation response
- Hazmat corridor management
- Route planning with distance and travel time estimates



PLATFORM ACCESS



Web iOS Android Tablet

Real-time data synch across all units & devices

SECURITY



License-gated access



Organization authentication



Role-based permissions



Encrypted data transmission



Audit logs & compliance

REAL-TIME SITUATIONAL AWARENESS FOR EMERGENCY RESPONSE TRAINING & PLANNING

CORE CAPABILITIES



LIVE INCIDENT MAPPING

Multi-user sync on satellite, hybrid, and terrain maps



CBRN & FALLOUT MODELING

Nuclear yield and burst modeling from H+0 to H+96



NOAA WEATHER INTEGRATION

Live wind data with hourly forecast modeling



LOCATION & ASSET MANAGEMENT

Command posts, triage, staging, DECON, evac zones



DISTANCE & ROUTING TOOLS

Measure and route between any two points



SCREENSHOT & ARCHIVE LIBRARY

Capture map states for after-action review

INTERACTIVE MAP & MODELING



KEY BENEFITS



Faster Decision-Making

Seconds, not hours, for critical analysis



Unified Operational Picture

One source of truth for all agencies



Enhanced Field Mobility

Real-time access anywhere, anytime



Improved Response Outcomes

Better coordination saves lives

COPPER TRANSFORMS FRAGMENTED RESPONSE INTO A UNIFIED, REAL-TIME OPERATIONAL COMMAND ENVIRONMENT

© 2026 RPE GLOBAL SOLUTIONS, LLC. ALL RIGHTS RESERVED.