



ARE YOU READY?

**IMPROVING
EMERGENCY
RESPONSE
THROUGH
PREPAREDNESS**

- 1 IDENTIFY**
- 2 PLAN**
- 3 TRAIN**
- 4 EVALUATE**
- 5 IMPROVE**



WE BUILD PROFESSIONAL READINESS

C3 Pathways helps organizations improve response in a crisis or emergency situation. Through a broad scope of consulting and innovative training programs, we coach emergency responders across all disciplines such as police, fire-rescue, EMS, and Emergency Management agencies to be the best they can be. We also build scenario-based readiness programs for

school campuses, transit systems, hospitality venues, industrial sites, hospitals, and other at-risk workplaces.

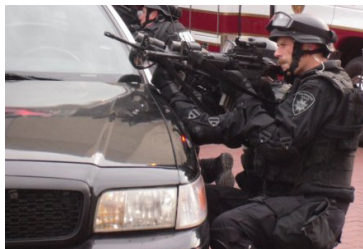
Our services and programs involve the following elements of emergency preparedness, and are offered both as a complete system and a la carte depending on client needs.

IDENTIFYING

We work with public officials, facility and/or risk managers to explore, profile, and identify risks warranting (alt: necessitating) emergency preparedness programs. Risks to human life or health, vital infrastructure, IT and communications systems, or any risk alone or together that compromises the integrity of a community, organization, or facility is evaluated, discussed, and prioritized. C3 brings a team of subject matter experts into the conversation to enrich local perspective and validate internal assessments. The assessment consult can include a variety of stake holders, or be confidential for a single organization -- public or private.

PLANNING

With risks identified and prioritized, it is time to build the plan. Durable planning for managing and mitigating the impacts of a major incident is put together within a defined period against specific objectives. The C3 team works closely with all parties responsible to work together in an emergency to craft from scratch or simply update internal and external response plans. We respect and incorporate true conditions on the ground in



shaping realistic planning with each client organization. Recommendations on resource deployment, training, continuity of operations (COOP) and/or organizational alignment can be deliverables of this type of planning process. Whether the requirement is an all-hazards plan or a risk specific protocol, C3 delivers confidence in the final plan.

TRAINING

A great plan may be finished, but who really knows about it? Something this good should never be kept on the shelf. C3 develops adaptive training programs so staff and employees across shifts at multiple loca-

tions can learn what is expected of them in a major crisis or emergency. Live training, interactive lessons, e-learning, video, procedures simulators, and high-fidelity multiplayer simulations are some of the many budget conscious methods used to teach the individual skills and actions required in a major incident response. C3 offers training programs that are customized to a particular objective for public safety personnel and also for private sector employees likely to function as first responders. Hands-on scenario-driven training on the National Incident Management System (NIMS), Incident Command, and Unified Command programs are popular with public safety organizations as well as civilian stakeholders that need to interact with -- or be part of -- an Incident Management Team.

EVALUATION

C3 makes the hard part easier. It's why we are different. We help you validate the planning and training with robust exercises that test all the assumptions. Crashing an aircraft, derailing a train, sinking a ship, detonating a nuclear weapon... all are too costly, unsafe, and certainly impractical. Yet

a sterile tabletop exercise can leave vital plan actions untested. C3 answers this practice-your-plan dilemma with a spectrum of realistic hybrid exercise techniques that utilize a combination of simultaneous live action in the real world and the virtual world. The ability to create your venue (school, rail station, cruise ship) and scenario in the virtual world enables highly realistic responder dynamics, communication, repetitive or divergent scenarios, and a real-world feel not found anywhere else in emergency preparedness. Each custom exercise is truly scalable based on objectives, budget, and participants. Participants play through the scenario together with colleagues, learning, collaborating, and feeling like it could be the real thing.

And C3 can accomplish all of it in full compliance with regulatory requirements such as the Homeland Security Exer-

cise and Evaluation Program (HSEEP). Exercises conducted by C3 are typically training exercises designed to coach and mentor participants to success, but they can also be structured as testing (audit) exercises. In all cases, objectives set before each exercise are analyzed closely and the performance of individuals, systems, policies, and procedures are all reported with recommendations for corrective action if needed. No one would expect a professional sports team to play well together without plenty of practice and feedback from the coach. Major emergencies don't happen that often. Practice through exercise scenarios and feedback through evaluation results in the kind of team-

work and communication needed on a day that is anything but normal.

IMPROVEMENT

Applying what is learned for future improvement is sometimes easier said than done. That's why C3 Pathways can assist your organization in this important preparedness initiative. Updating the response or mitigation plan,

adding training modules, or changing procedures – sometimes across multiple organizations – can often be facilitated more smoothly with the outside coaching and mentoring services provided to gain a stronger overall preparedness.

IDENTIFY and measure the risks.
PLAN for crisis and emergency response.
TRAIN your team and increase readiness.
EVALUATE readiness with exercises.
IMPROVE and adjust based on results.



PREPARING FIRE DEPARTMENTS FOR THE FUTURE

AGENCY DEVELOPMENT AND ALIGNMENT

C3 Pathways has an adaptive team that assists governments in creating, consolidating, and/or expanding their key fire protection and emergency medical response systems. Current and former chief officers with experience in a broad range of fire service models advise and establish to a government objective for service delivery, applying their excellence in fire science, logistics, and managed budget parameters.



ADMINISTRATIVE AND BUDGET

Modern career firefighting administration centers on managing labor, facilities, fleet, and financial resources as well as fighting fires. C3 Pathways team members work with our government clients to establish a fresh and professional perspective on how funds are spent, allocated, and saved while maximizing operational readiness. In developing communities (or nations) innovative new paradigms can be applied to achieve heightened preparedness for less than expected.

RESOURCE DEPLOYMENT PLANNING

No one model for firefighting deployment is right for a specific locale. In a dynamic and consultative analysis, C3 Pathways team members work with both facts and skillful observations, forming recommendations for the most efficient agency structure, as well as the deployment of personnel and apparatus within a service area. Consulting services in this area can be very simple, or highly complex as defined by the local objectives of the mission.

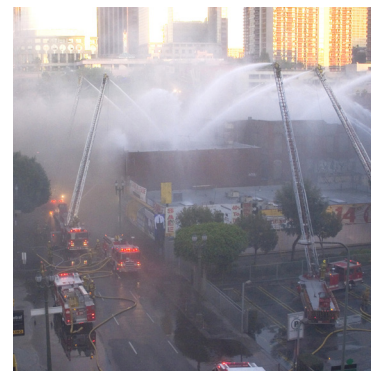


Photo by Archie4oz

COMMUNITY RISK PROFILE

Each local geography has a unique risk profile that contributes to the scope of fire protection needed and the prudent response capacity of its firefighting or EMS force. C3 Pathways can perform evaluations of the existing fire / EMS risk profile, and assist governments in understanding the factors that will increase or decrease that risk as population density and industrialization expand in the area.

COMMUNICATIONS AND APPARATUS / FLEET

Selecting or upgrading of emergency communications systems and / or fire apparatus and related equipment is a generational challenge for both long standing fire departments and younger agencies seeking to create new operating standards. Our team of expert consultants helps agencies make educated choices that are aligned with the mission, budget, and on- task for the specific operational challenges.

TRAINING IN FIREFIGHTING TACTICS, OPERATIONS, AND SPECIALTY RESCUE

Comprehensive and adaptive training is at the core of the C3 heritage. Firefighters are expected to be ready for anything, yet that takes professional, dynamic, and consistent training. Traditional classroom, hands-on, live burn, and computer simulation training programs are custom tuned to an agency's mission and current training objectives. Basic firefighting skills, pump operator, driver training, and specialized courses in hazardous materials, urban / wildland interface, technical rescue, aerial operations, and more are offered based on client requirements.



INFORMATION TECHNOLOGY

Managing critical information from training, scheduling, vehicle maintenance, and incident documentation can be optimized in sync with the firefighting mission. C3 Pathways blends a wealth of

Information Technology (IT) expertise with fire and EMS background, directing informed guidance for hardware and software applications in the fire service.

EMERGENCY MANAGEMENT AND PREPAREDNESS EXERCISES

What if it happens... here?

C3 Pathways works closely with all public safety and government agencies in planning for mass casualty incidents, natural disasters, and terrorist strikes. It's rehearsal for the real thing. Preparedness training, including scenarios by 'tabletop', live full-scale, and custom computer simulation exercises are developed

around local response objectives and gap analysis. Full circle learning includes preparedness training in advance of an exercise, the exercise itself, and then analytical post-exercise workshops. Single event planning, or multi-year, multi-scenario programs are available.

TRAINING IN EMERGENCY MEDICAL SERVICES (EMS)

Medical-rescue, and related ambulance transport capacity can often be part of the fire department mission. C3 Pathways can assist fire agencies that are planning on entering this expanded EMS mission, or those seeking to improve or optimize existing operations. EMT and paramedic training programs can be coordinated to local standards, and customized with simulation training.

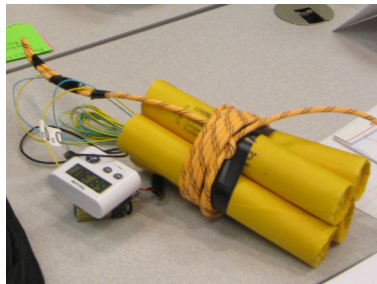
INTERAGENCY COOPERATION AND INCIDENT COMMAND LEADERSHIP

It's about working together. C3 conducts high caliber Unified Command Training to ensure that fire, EMS, law enforcement, and other agencies have the means, practice, and protocols to ensure a seamless public safety response. As an outside party, C3 Pathways trainers and consultants bring years of experience and insight to help bring about the kind of cooperative multi-agency performance that the public expects in a major emergency.

PREPARING LAW ENFORCEMENT FOR THE FUTURE

ON YOUR GAME

When you are the absolute best at what you do, drill time and practice get you there. Navy SEALs, professional sports teams, and many others have that in common. In a major incident, law enforcement also needs that kind of predictable teamwork to mitigate, secure, capture, and keep the public safe. C3 Pathways has an adaptive team that assists governments and agencies to get there through planning, training, and practice.



PREPARED AND READY

Gaining control through precise action and quick collaboration comes from the kind of training and simulation C3 Pathways offers. We coach and mentor your officers and commanders by opening the classroom gateway for new levels of preparedness. Our standard and custom training programs heighten readiness, sharpen tactical skills, and promote rapid deployment. Taking an aggressive and tightly coordinated stance is essential in a major incident. We get you there with innovative delivery of traditional classroom and field training in a wide variety of emergency response

disciplines. Training is provided at your location by our subject matter experts.

ACTIVE ASSAILANT

Shots fired? Hostages? Wounded? C3 Pathways works with your officers, teams, and command staff to prove out response plans, hone skills, and rehearse against live scenarios and those we create in the virtual world with computer gaming software. We provide training for sworn officers and also for civilians likely to encounter such situations in schools, workplaces, courts and corrections environments.



TERRORIST THREAT / ACTIVITY

Preparing law enforcement agencies to understand the most effective response is part of our focus. Our training programs – classroom, live-action, and simulated – zero in on working together seamlessly across your own agency and those others that will likely be a part of any such scenario. Real-world objectives, custom training is aligned to the real-world objectives of each local client organization. We train to those objectives. Hands-on skills, simulations, and scenario-based exercises often enrich our offerings.



TRAINING

C3 Pathways creates dynamic enhancements in training materials and instruction to energize and involve students, and to ensure that a defined breadth of knowledge and skills leaves with each attendee. These classes are either free standing deliveries or a recurring series of training programs to build and advance staff skills plus meet continuing education requirements.

WORKING TOGETHER

Robust Unified Command classes using NIMS standards are an excellent way to get police, fire, EMS, and other responders working more effectively together. The presence of an outside trainer / facilitator makes a huge difference in making sure roles and responsibilities are clearly defined. Expectations of leadership, command, deliverables, timing, and tactics are all exercised.





RAIL AND TRANSIT EMERGENCY INCIDENT TRAINING

ADAPTIVE TRAINING DELIVERING EMERGENCY RESPONSE EXPERIENCE.
DON'T JUST BE PREPARED. BE READY.

The phrase **train wreck** has become symbolic of complete chaos in any situation -- far beyond the sphere of railways alone. **Train wreck** has a broader meaning because railroad incidents are perhaps the most complex, costly, and uniquely challenging to prepare for, respond to, and mitigate.

A NEW KIND OF READINESS

Railroad and commuter transit officials can now prepare as never before for a broad scope of real emergencies with an innovative blend of custom live and simulation training from C3 Pathways. With its team of emergency services professionals crafting every class, and every practice exercise around the parameters of your local transportation system, C3 Pathways creates your world...and then challenges it.

Realistic scenarios create the basis for adaptive preparedness education in the classroom, but C3 Pathways goes far beyond that in both scope and technology. Using the wizardry of multi-player gaming software, C3 Pathways customizes pro-

grams enabling your personnel to train for the most alarming incidents, all without shutting down service or conducting drills in the public eye. Your trains, your tracks, your stations, your controls...all created in the virtual world. Simulation of terrorism, mass casualty incidents, fires, floods, evacuations, severe weather, confined space rescue, hazardous materials incidents, service interruptions, rail traffic management (including CTC), and more can be prepared to allow for initial and ongoing training of your key personnel.

A TEAM EFFORT

Multi-player simulation is different. It allows your staff to interact with each other, local public safety agencies, PIO's, and even state and Federal responders to mitigate and manage many anticipated crisis situations. That's how it would go down in a real incident, so the training needs to reflect those dynamics. Practice, through simulations and some staged live exercises will ensure the deliberate and collaborative response you seek in a real crisis.



TERRORISM. ACCIDENT. NATURAL DISASTER. IS YOUR TEAM TRAINED AND READY TO RESPOND?

EFFICIENCY

Plus, the scenario based offerings of C3 Pathways don't require the sheer number of players used in traditional exercises, minimizing or eliminating staffing impact and service interruption. There is an incredible efficiency to establishing the custom software around your local transportation system. Where a single day live crisis training exercise certainly holds value, logistics dictate that only a fraction of overall personnel can participate in any such exercise. C3 Pathways can leave behind simulation training modules for any time / any hour employee training. New scenarios can be created within the created system template as often as budgets allow. Over time, your agency can own a portfolio of simulated interactive emergency scenarios that will provide the backbone for team training, testing, and an advancing state of readiness.

DON'T GUESS, KNOW YOU'RE READY

C3 Pathways training can ensure your next crisis won't be a **train wreck**, no matter how complex or challenging the incident might be. Your team will be ready!

CUSTOMIZED TRAINING

- No service interruption
- Customized to your system
- Experiential learning
- Adaptive, hands-on training
- Blended live and simulated training environments
- High impact exercises

ABOUT C3PATHWAYS

All hazards and all disciplines, C3 Pathways specializes in high-fidelity incident command training and exercises using a blend of real-world and simulated environments. We support homeland security, law enforcement, fire, EMS, emergency management, hospitals, public health, transit, and industry. Our consultants are experts in incident management with decades of real-world incident command and training experience. Our training is always customized to your needs. We use your policies. We use your locale. Don't just be prepared. Be ready. Stay ready.



MASS CASUALTY INCIDENTS (MCI)

Fire-rescue, EMS, law enforcement, hospitals, public health, and other public responders have a role defined partly by mission, and partly by the incident itself. Road or port authorities, transportation carriers, industry, and private companies have a different role... but specific preparedness is no less critical.

C3 Pathways brings depth in real-world incident command experience, logistics, interoperability, and scenario-driven exercises. We help you to expect the unexpected, and to get ready to handle it. Emergency preparedness is a broad scope effort, so consultative solutions are developed for each client based on the hazard/risk profile, training objectives, and budget.

A blend of traditional and innovative training programs bring your key staff to a heightened level of preparation and collaboration. A team of seasoned emergency service professionals delivers custom training at your location. Realistic scenarios create the basis for adaptive preparedness education in the classroom, but C3 Pathways goes far beyond that in both scope and technology.

Technological wizardry in the form of multi-player gaming software is customized for mass casualty simulations in your world. Simulations allow ongoing practice for specific scenarios that are unsafe, too costly, too disruptive, or even logistically impossible to drill for in a live exercise.

YOUR LOCAL CRISIS, CREATED IN THE VIRTUAL WORLD

Manage and measure evacuations, response functions, triage, treatment, patient transport, mitigation and containment, interagency operability, short and long term outcomes, and more. C3 Pathways crafts each program blending classroom education, live staged exercises, and simulation. Contact C3 Pathways for a consultation today. It's time to raise the bar on readiness.

Terrorism



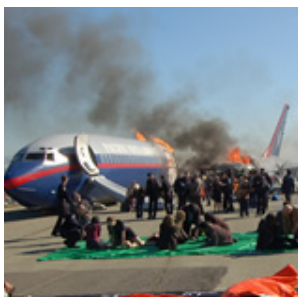
Radiation, chemical, pandemic, suicide bomber... what attack will be next? An MCI will challenge responders. Terrorism jumps it to a new level. Train your team to **manage** the **incident, patients, resources, and interoperability** with local, state, and Federal responders.

Population Surge

The local population surges by 20,000 people in an hour. Will you be prepared if they need medical care or some local incident creates mass injuries? **Identifying and planning** for risks is **critical preparation** for an MCI.



Transportation



Aircraft, train, ship, bus...
Accidents are inescapable, and managing the **MCI** is only the beginning. Fire and EMS **responders** must **work closely** with law enforcement and the **transportation owner** to manage these complex incidents and save lives.

Active Shooter



Never are the stakes higher. Lock it down. Move to contact. Save lives. Don't get responders or civilians caught in crossfire. **Unified Command** and **Interoperability** are never more important.

Natural Disaster



Flood, tornado, wildfire, earthquake, hurricane, tsunami... Nature can create mass victims with little or no warning. Train your team to **manage a disaster MCI** successfully even when your **systems** are stressed and **compromised**.

Hospital Surge



The patients arrive en masse. Train your staff to **effectively use** the **HOSPITAL INCIDENT COMMAND SYSTEM** and **triage resources** as well as patients, such as OR suites, ICU beds, and ventilators.



4704 Faust Court
Orlando, FL 32817 ■ USA
(877) 340-4032
(407) 490-1300
www.c3pathways.com

©Copyright 2012 C3 Pathways, Inc. All rights reserved.
(formerly FutureFD.com, Inc.)

Emergency Preparedness Consulting | Training | Exercises