



A Counterspherics
Think Tank Mini Paper

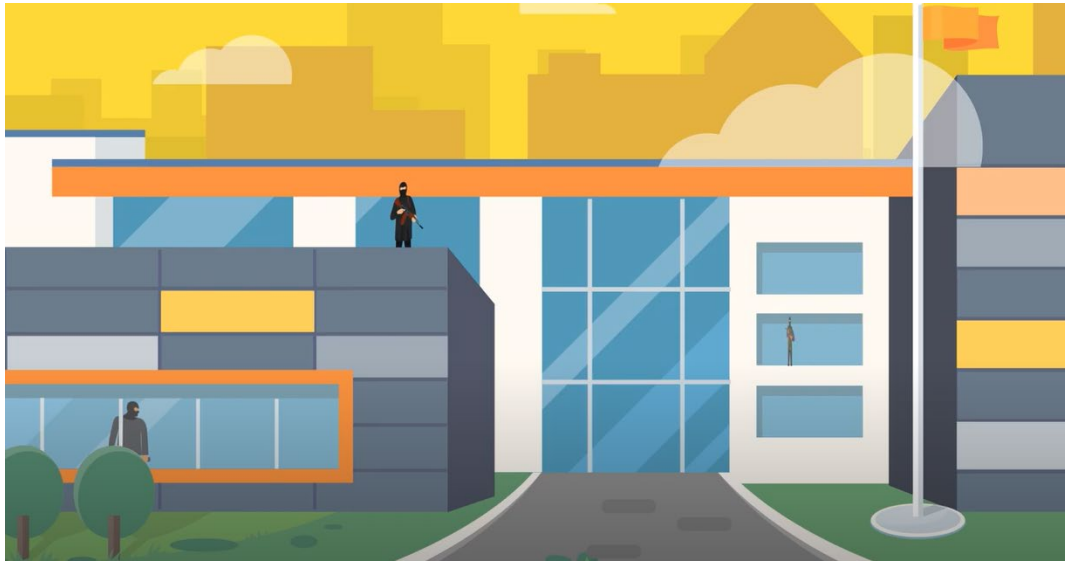
The ACP: An Adaptive Contingency Process for Emergency Management and Emergency Operators

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for Counterspherics Labs &
Specialized Safety Services

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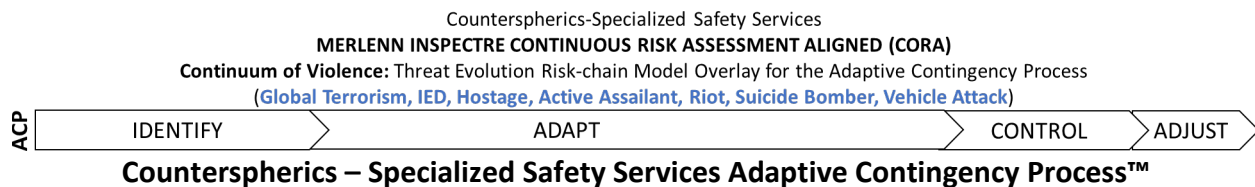
**IN TODAY'S WORLD, PLANNING AND
DECISIVE RESPONSES ARE NECESSARY TO
COUNTER MULTIPLE HAZARDS & THREATS!**



EMERGENCY MANAGEMENT EVOLVED...

What to do?! The scope of Emergency Management is daunting. Managing resources, supplies, equipment, people, plans, procedures, training, responses, contacts, recovery, operations, losses, etc., the list is never ending. Formed in the industrial age the role of the Emergency Manager has not changed much due to the lack of attention it gets. Quite frankly, Emergency Management should be at the top of the pyramid as it really means “Safety” and continued “Operations” in the event of something bad happening.

Evolving EM was not the initial focus of Counterspherics and Specialized Safety Services, rather, a comprehensive EM tool that would and could handle any “bad thing” and provide Decision Support. The system had to address all aspects of EM and in so doing, a star was born; MERLENN™ or the Multiple Emergency Response, Linked Emergency Notification Network and in that creation a process that evolved EM into an active and daily business activity. In engineering the MERLENN™ software appliance, we realized we had engineered a new EM paradigm...the ACP. The ACP or Adaptive Contingency Process, though standalone, when paired with the MERLENN™ evolves EM into Real-time multiple hazard & threat management.



THE ACP™ ...

What is the ACP? The ACP or Adaptive Contingency Process is a n iterative and modular overlay-based process for any threat or hazard that may come your way. The ACP consists of 4 periods where the Emergency Operator and or Manager Identifies a potential hazard or threat, Adapts responses to the hazard or threat, Controls the impact of the hazard or threat as much as possible, and Adjusts to the hazard and or threat as it evolves over time.

As you can see, the length of time for each period is different signifying time and effort envelope for action. For instance, more time and effort are needed to ADAPT than to IDENTIFY a hazard or threat. As ADAPTed, the time and effort to assert some form of initial control over the contingency (hazard(s) and or threat(s)) is very short and so too the period of ADJUSTment. Still, because contingencies are fluid and ever changing, the ACP supports fine tuning in its modular hazard and threat overlay-based design. Every threat can be different and have different properties to it, therefore the THERM overlay for that threat balances out the ACP and precisely attempts to align the hazard's and or threat's STATE, KINETICS, and MAGNITUDE with the ACP to provide a full comprehensive process in which to follow and stop or mitigate the loss of life and property. This is Emergency Management evolved!

MERLENN™ INSPECTRE™ Predictive Risk Assessment Tool

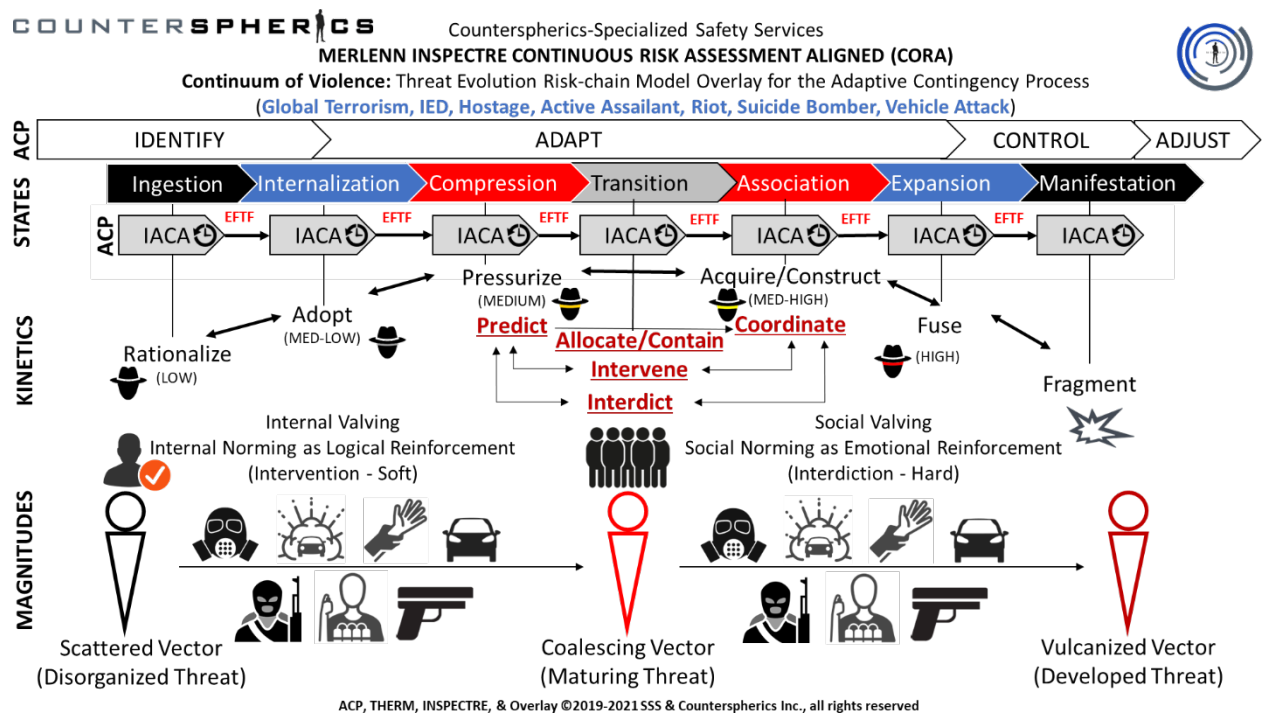
MERLENN™ & THE INSPECTRE™ TOOL...

The ACP though standalone was envisioned to compliment Counterspherics MERLENN™ . With The ACP with MERLENN™ provide a supercharged contingency management system that support advanced Continuity, Reporting, Analysis, Predictive Risk, Training, Planning, Safety, Emergency Response, Emergency Resource Management (People, Equipment, Services), workflows, and individual safe checking...and all in real-time!

At the core of the ACP for human threats MERLENN's™ Inspectre. Inspectre is a Predictive Threat Risk Vector tool which uses FBI and Secret Service empirical data to help provide a Predictive Threat Risk Assessment of a particular human threat. Inspectre is a Decision Support Tool which attempts, based on what is known and unknown, to help provide an element of potential risk. To further solidify the prediction Inspectre provides boundary decision testing.

Inspectre is a sophisticated Q & A-based semi-automated intelligent agent which examines multiple sub contexts with 3 main contexts to determine a risk prediction for any human Threat Risk Vector or TRV. Those main contexts are.

- Demographics
- Intrinsic
- Relativism

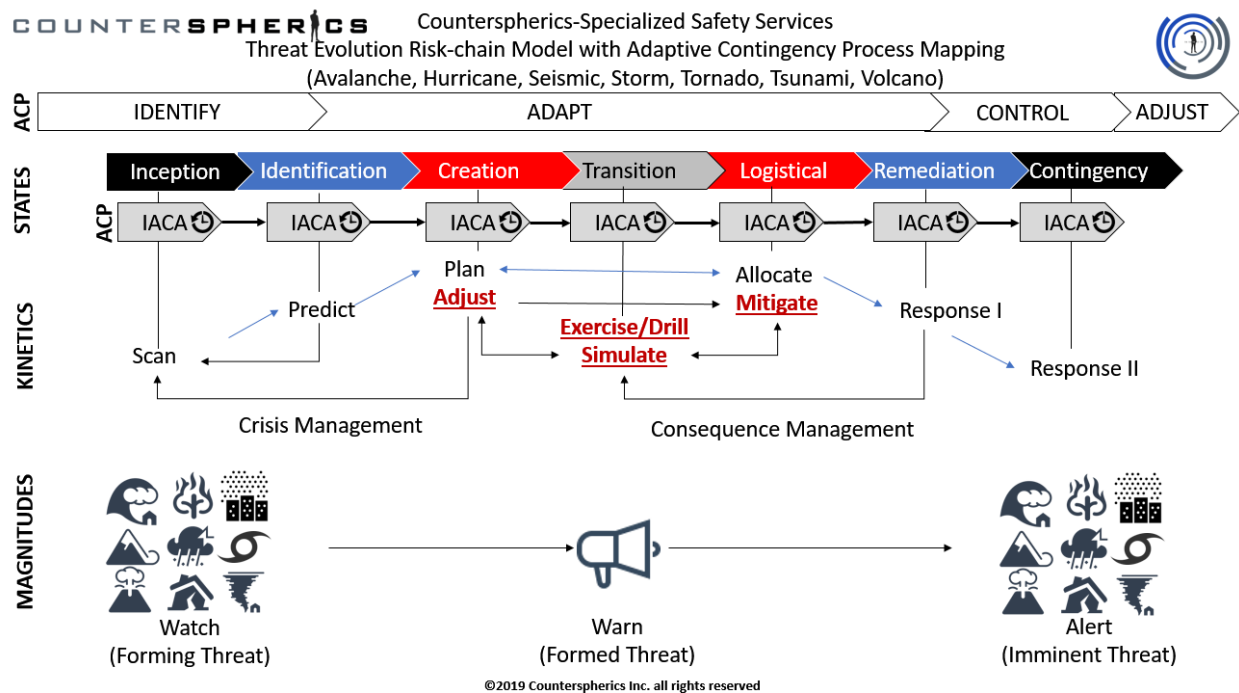


Counterspherics-Specialized Safety Services ACP with™ INSPECTRE™ Human Threat Overlay

THE THREAT/HAZARD OVERLAYS...

As shown in the above ACP THERM Overlay, is the ACP THERM Overlay for INSPECTRE™. As previously every contingency is different, however, the ACP defines a common set of states every type contingency goes through. For each STATE the ACP defines the KINETICS for the STATE or STATES and where in the ACP process it or they reside.

The ACP THERM Overlay maps specific types of threats to the ACP. In the case above, the INSPECTRE™ Threat Risk Vector Prediction is mapped to the human threat overlay and an INSPECTRE™ outcome Risk Prediction. INSPECTRE™ can be used over and over as a human threat risk evolves or seems to evolve to provide an additional modicum of decision support.



About the Authors: Mr. Watkins is a Security, Safety, Disaster Preparedness and Emergency Program Designer, Trainer, First Responder, and High Threat Operations Specialist with over 30 Years of experience and premiere MERLENN System Planner, Integrator, & Operator. Mr. Watkins is the founder of Specialized Safety Services Inc.

Mr. Prince is a Chief Technologist and part of the strategic think tank at Counterspherics Labs. He is a consultant with Over 10 years in high threat operations, 20 years of IT/IS Strategic and Operational Alignment, Analysis, Design, Architecture and Engineering, experience. He lives in Southern California, with his wife. They "three girls and a boy."



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RESPOND!

Counterspherics Inc.

Advanced Safety Technology for Operating at the
Speed of Now!