




2016 NATO MODELLING & SIMULATION GROUP (NMSG) SYMPOSIUM



INTERAGENCY-CENTRED TRAINING (IA-C TRAINING)
AND
HYBRID SCENARIO SIMULATION (HS-SIM):
NEW CONCEPTS TO ADDRESS HYBRID WARFARE!

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The September 11 attacks

- The attacks killed 2,996 people and injured over 6,000 others and caused at least \$10 billion in property and infrastructure damage and \$3 trillion in total costs.

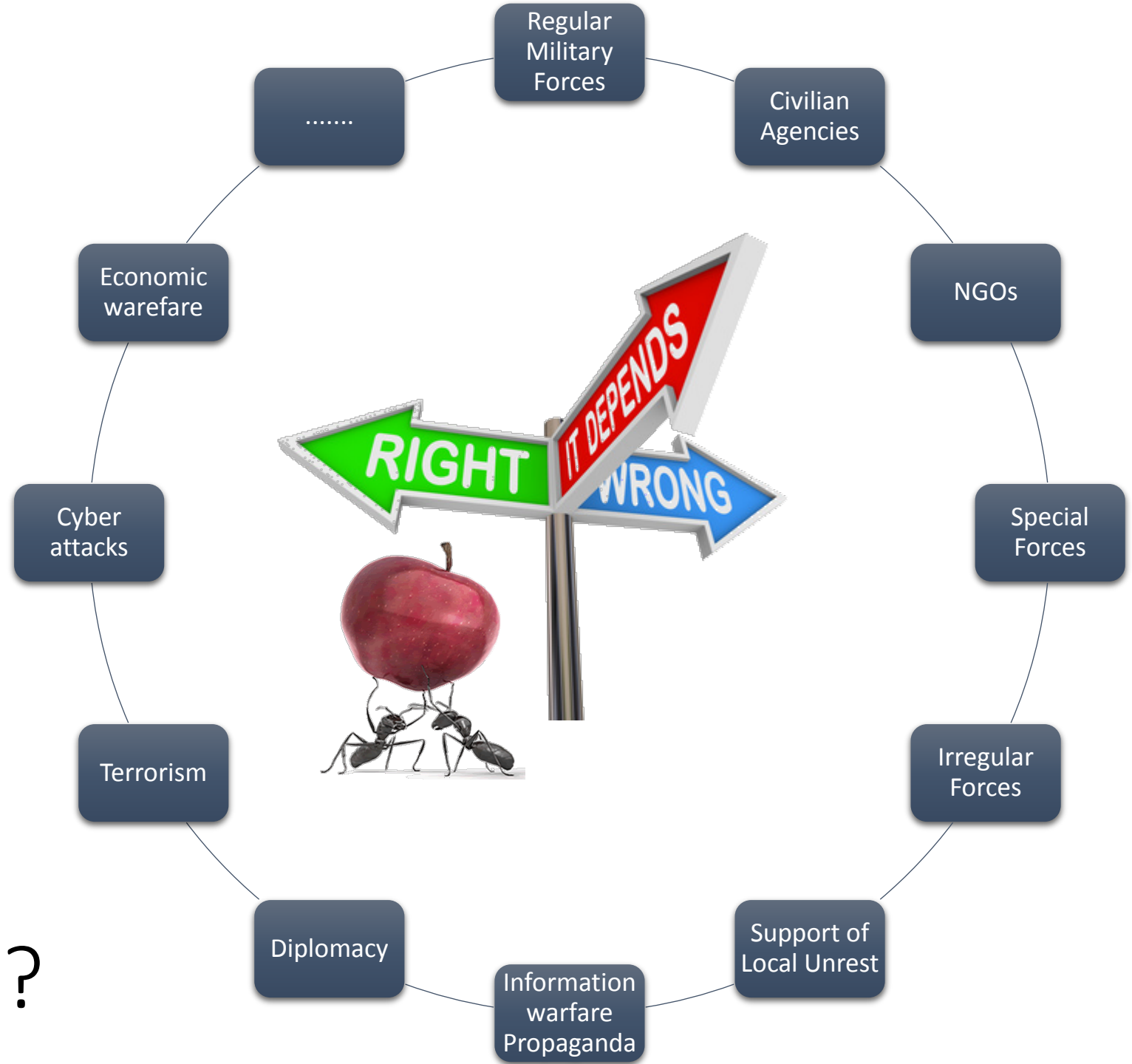


Who is the enemy?

HYBRID THREATS!!

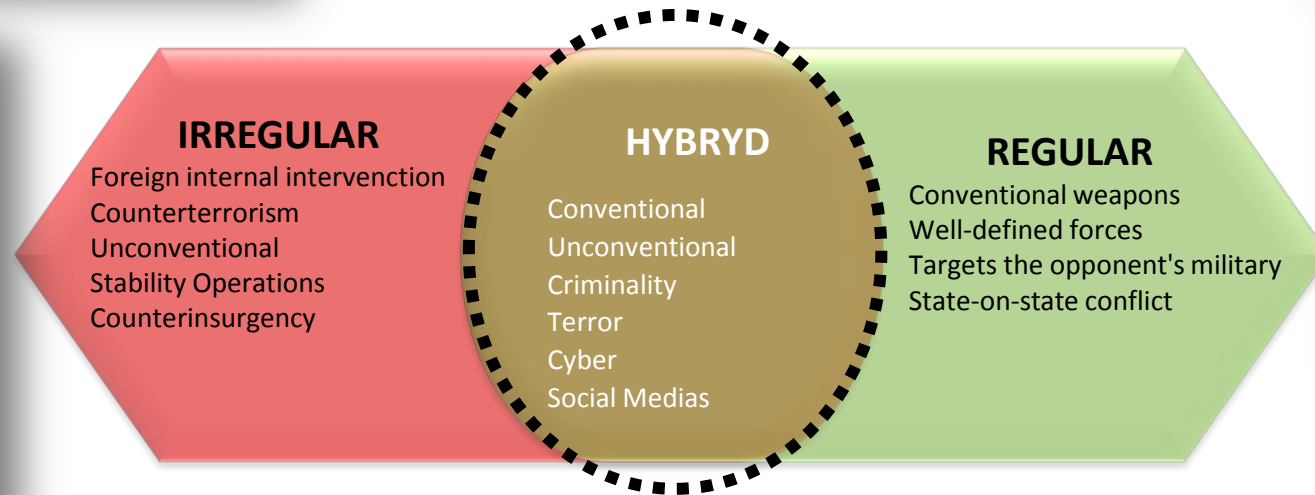
What are his motivations?

How to face him?





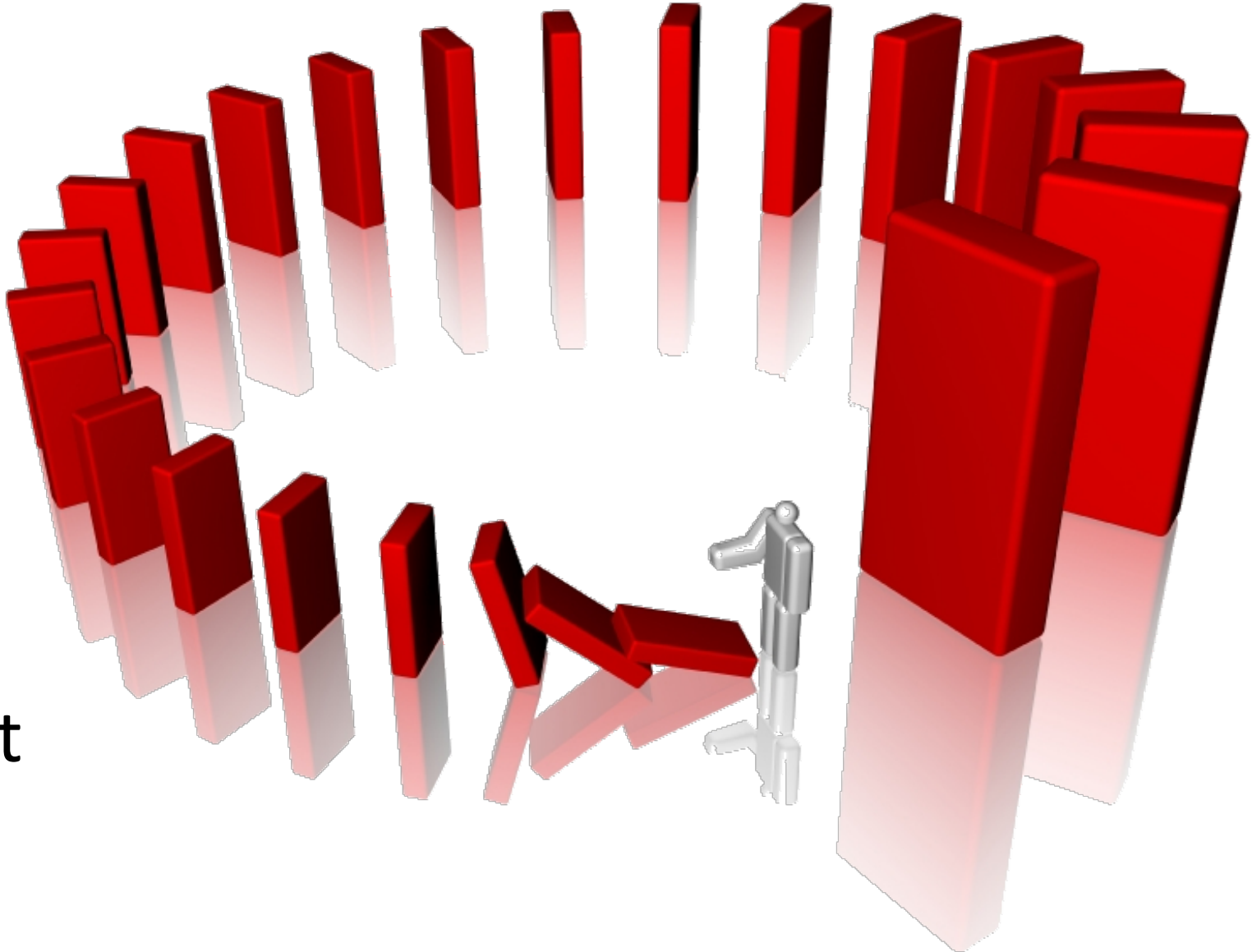
Revenge?
 Genocide?
 Ethnic cleansing?
 Religious Segregation?



Full of hatred!



AXIOM OF SCIENCE



There is no effect
without a cause!



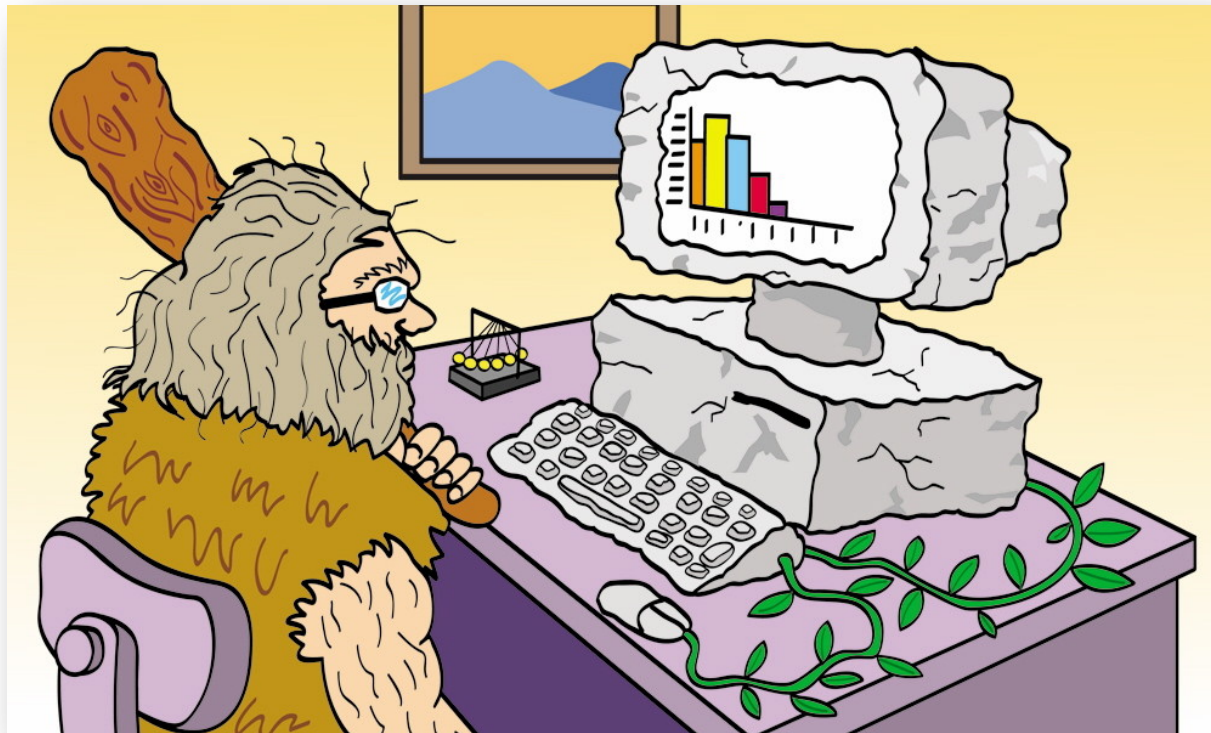
INITIAL ASSUMPTIONS

- Ready for the Predictable, Prepared for the Unexpected?
- Constructive Simulation enhances Interagency Training!



INTRODUCTION

- “Every age has its own kind of war, its own limiting conditions, and its own peculiar preconceptions.”^[1]



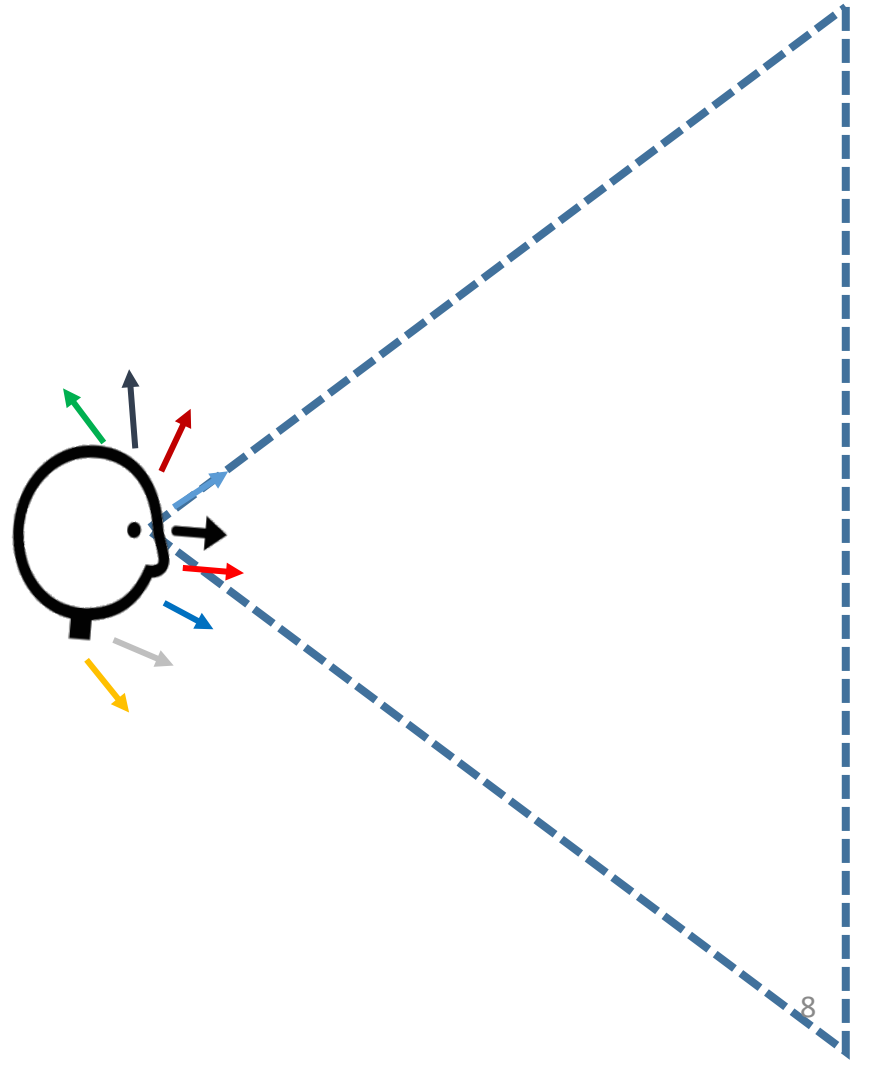
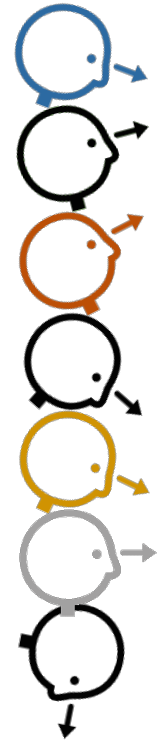
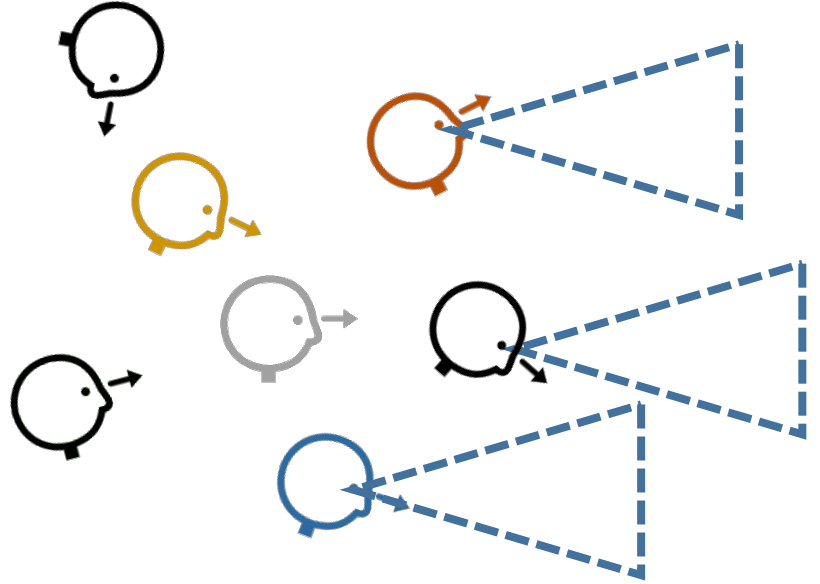
[1] Carl von Clausewitz, On War.



NEW MINDSET



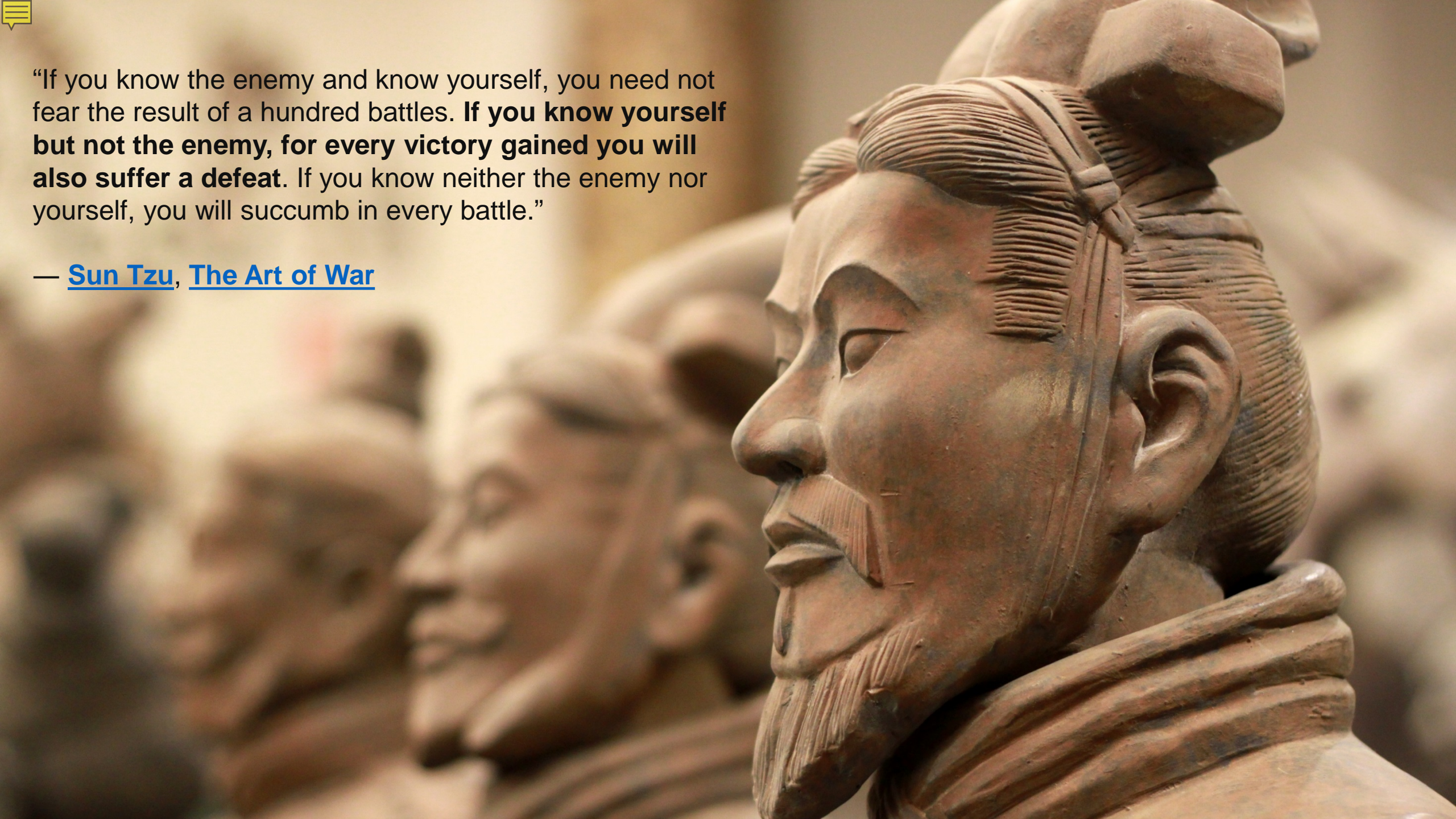
NEW RESULTS





“If you know the enemy and know yourself, you need not fear the result of a hundred battles. **If you know yourself but not the enemy, for every victory gained you will also suffer a defeat.** If you know neither the enemy nor yourself, you will succumb in every battle.”

— [Sun Tzu](#), [The Art of War](#)



Interagency-Centred Training (**IA-C Training**)

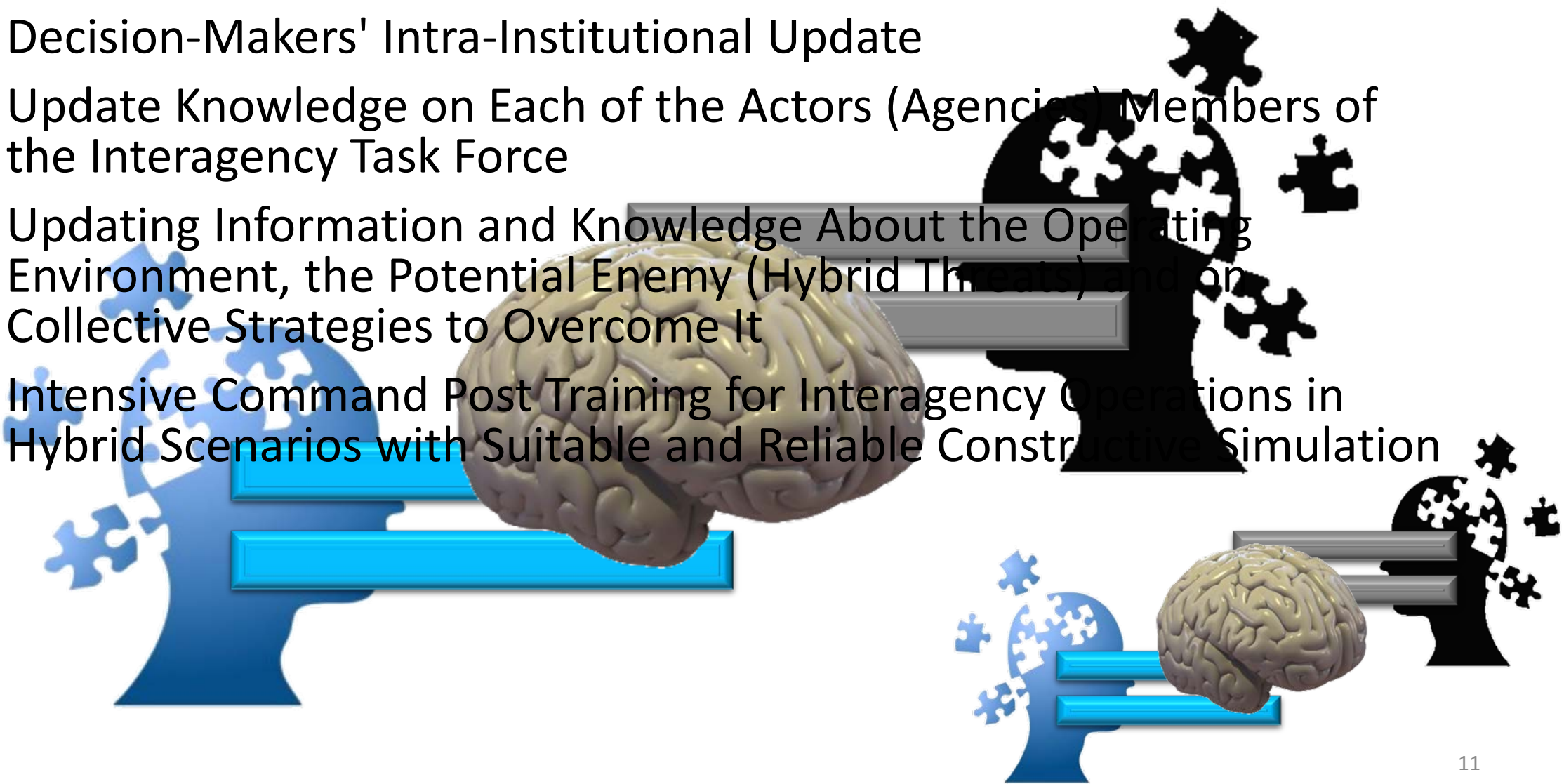
and

Hybrid Scenario Simulation (**HS-Sim**)



INTERAGENCY-CENTRED TRAINING (IA-C TRAINING)

- I. Decision-Makers' Intra-Institutional Update
- II. Update Knowledge on Each of the Actors (Agencies) Members of the Interagency Task Force
- III. Updating Information and Knowledge About the Operating Environment, the Potential Enemy (Hybrid Threats) and on Collective Strategies to Overcome It
- IV. Intensive Command Post Training for Interagency Operations in Hybrid Scenarios with Suitable and Reliable Constraints Simulation



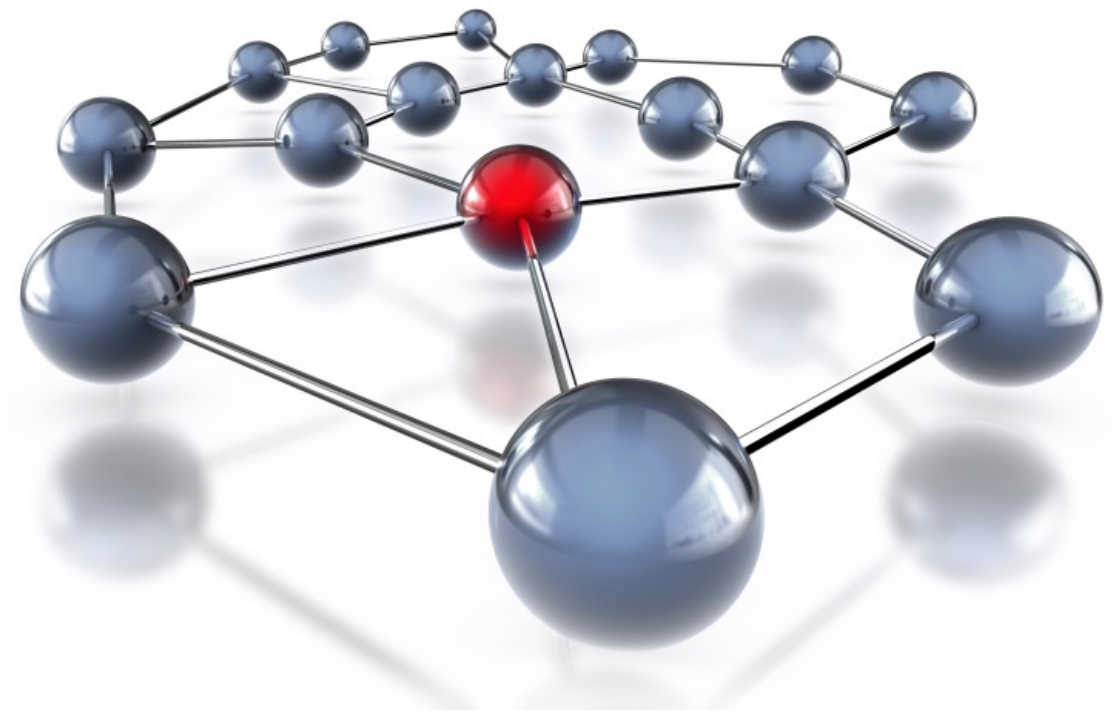


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II. Update Knowledge on Each of the Actors (Agencies) Members of the Interagency Task Force

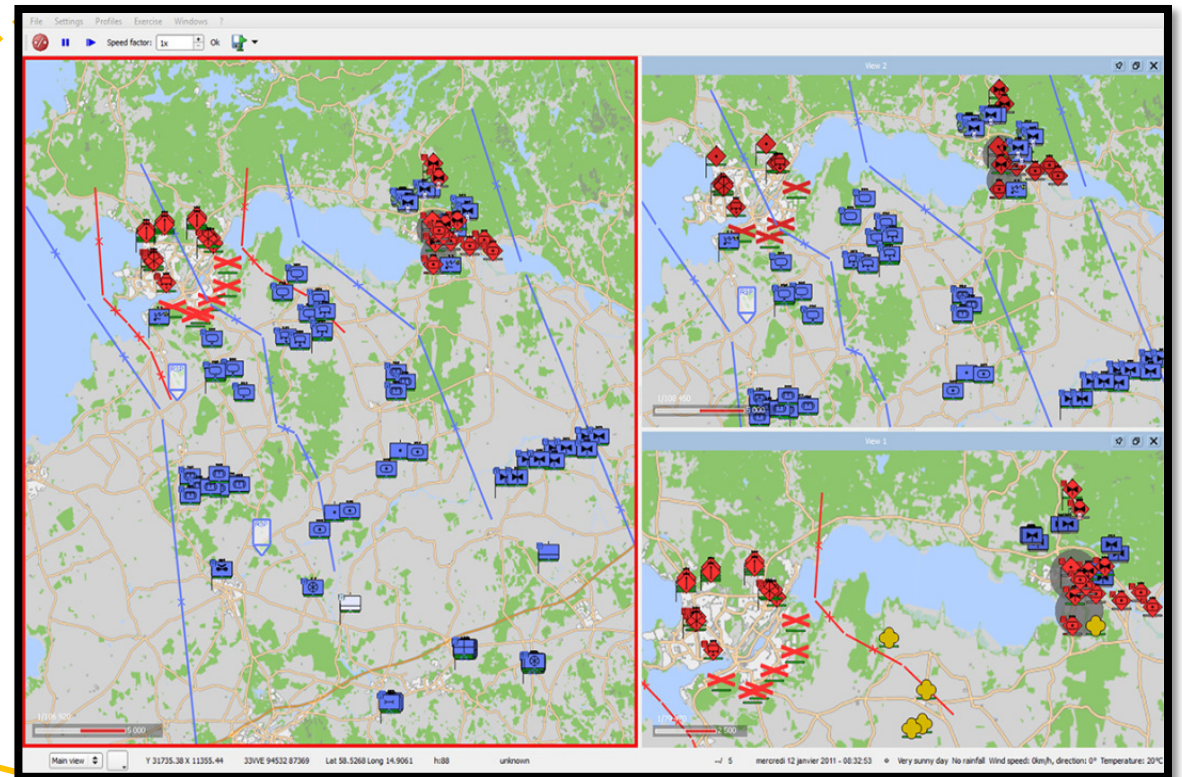




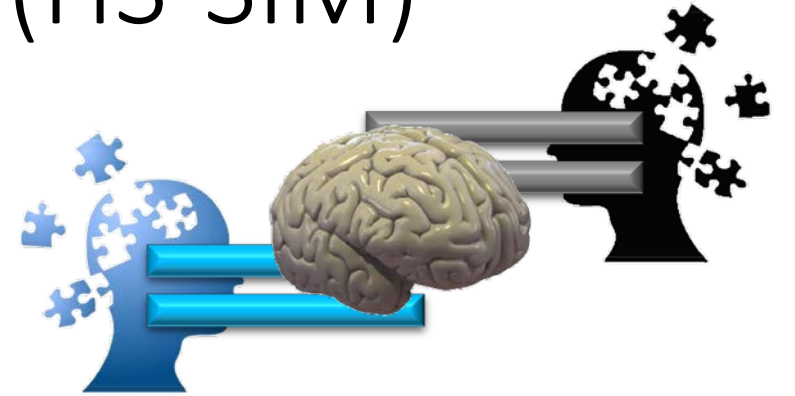
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IV. Intensive Command Post Training for Interagency Operations in Hybrid Scenarios with Suitable and Reliable Constructive Simulation

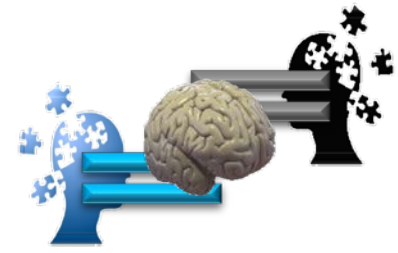


HYBRID SCENARIO SIMULATION (HS-SIM)

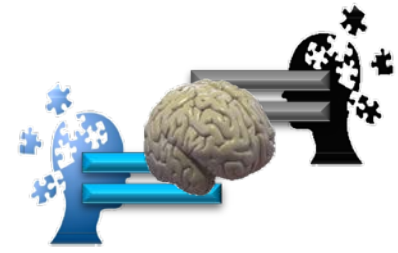


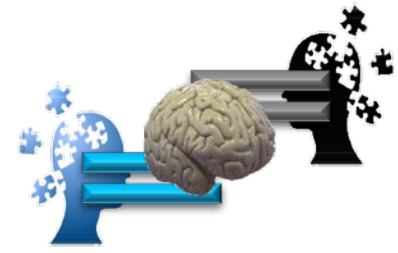
Essential Attributes
of the Next Generation Simulation:

High level of realism



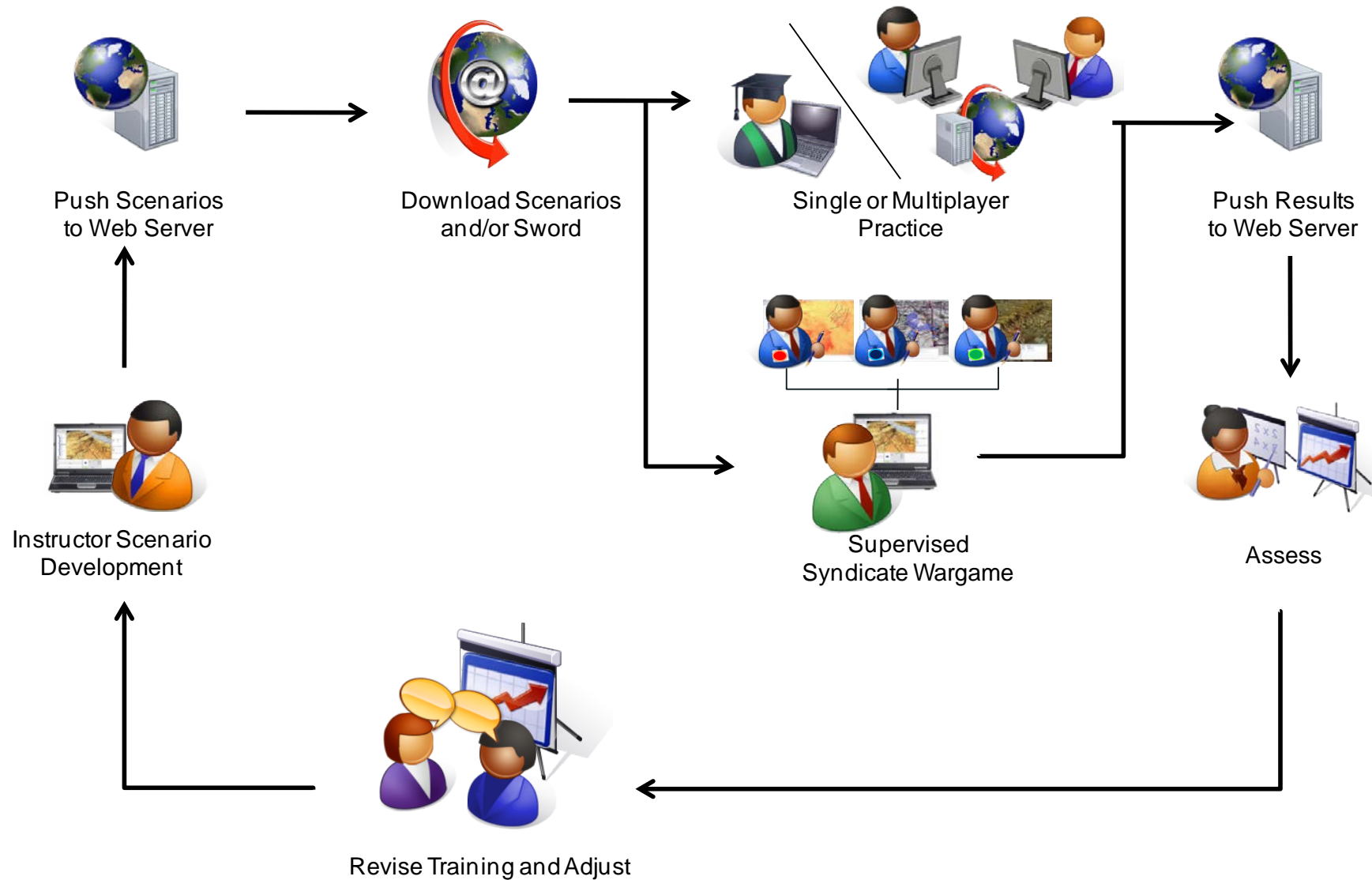
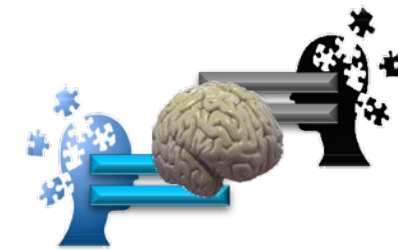
Automated forces and units



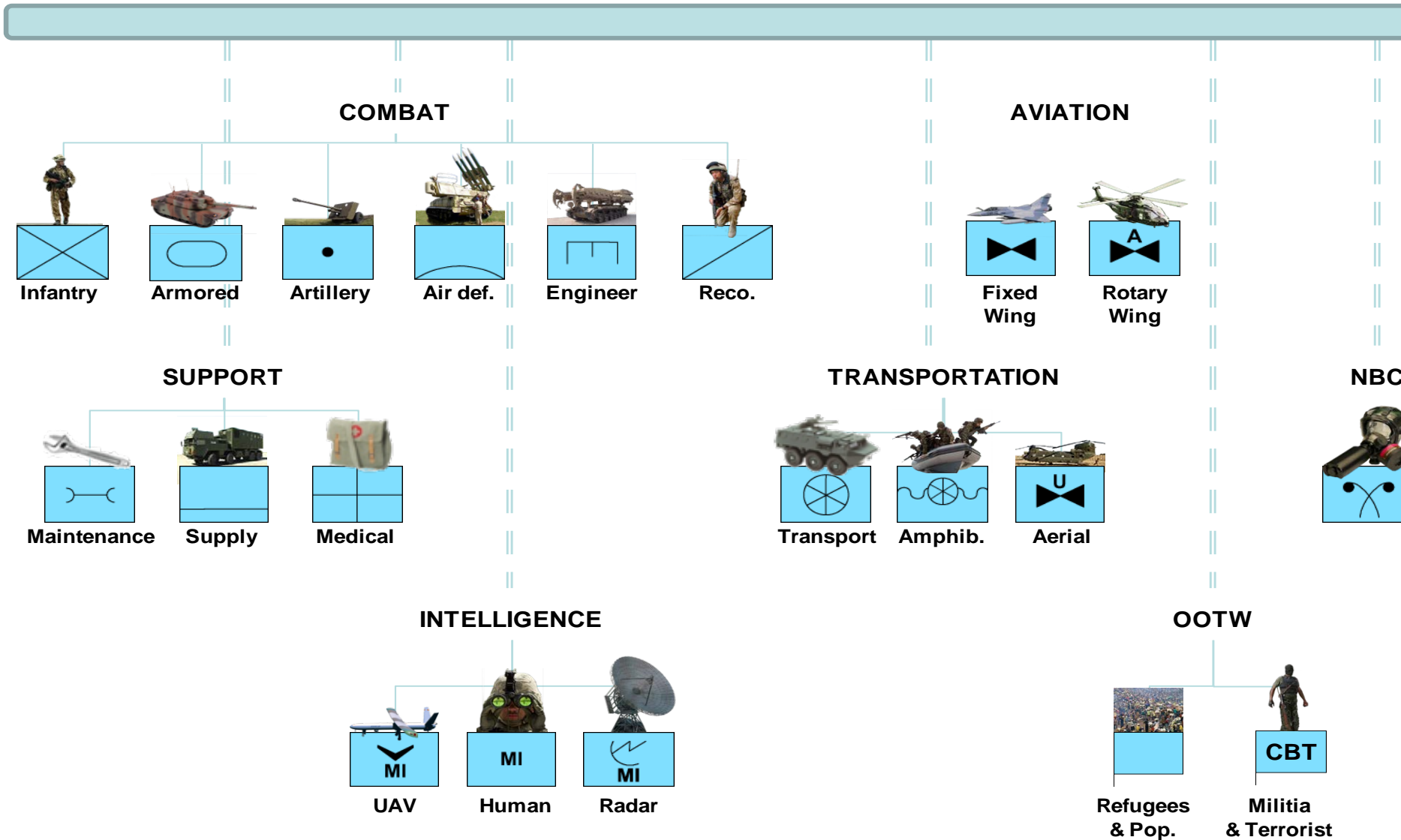


Adapted to Your Organizational Structure,
Procedures and Doctrine

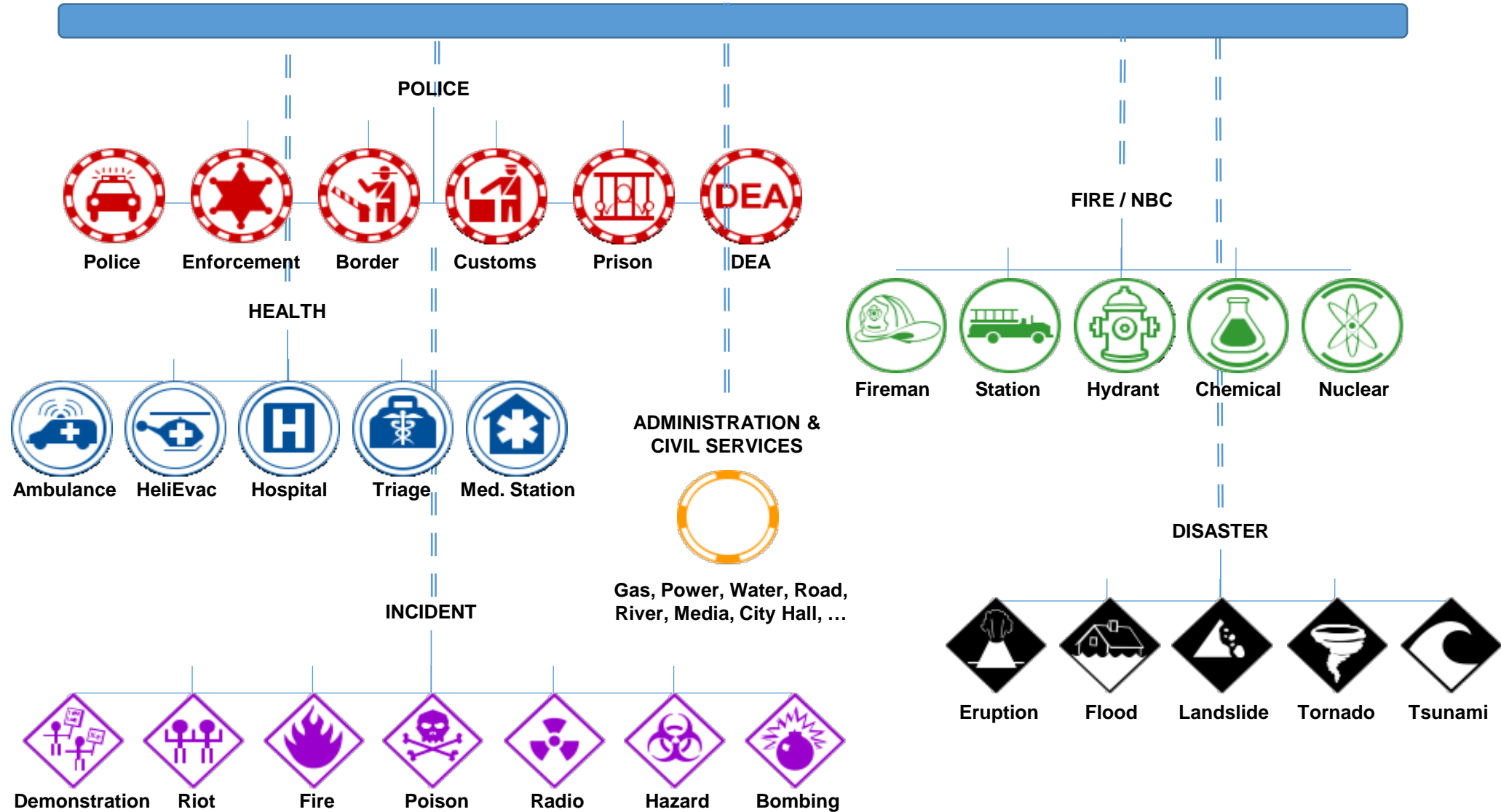
Flexible and complete



Extensive Out-of-the-Box Content



Extensive Out-of-the-Box Content



Total Solution “All-in-One”

Criminality, Cyber, Social Medias...

Conventional warfare

a form of warfare conducted by using conventional weapons and battlefield tactics between two or more states in open confrontation

Unconventional warfare

An attempt to achieve military victory through acquiescence, capitulation, or clandestine support for one side of an existing conflict.

Crisis management

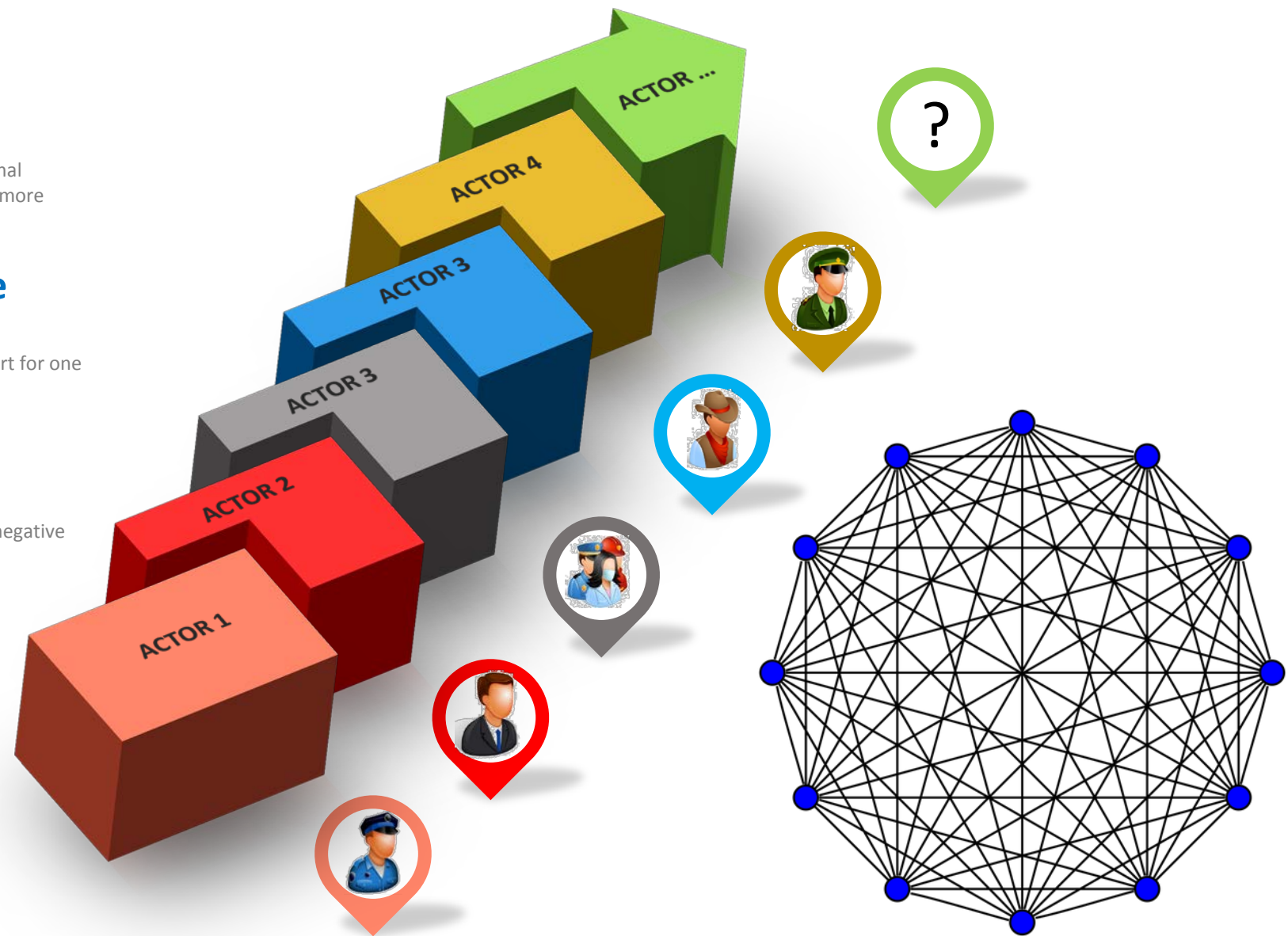
The application of strategies designed to help an organization deal with a sudden and significant negative event.

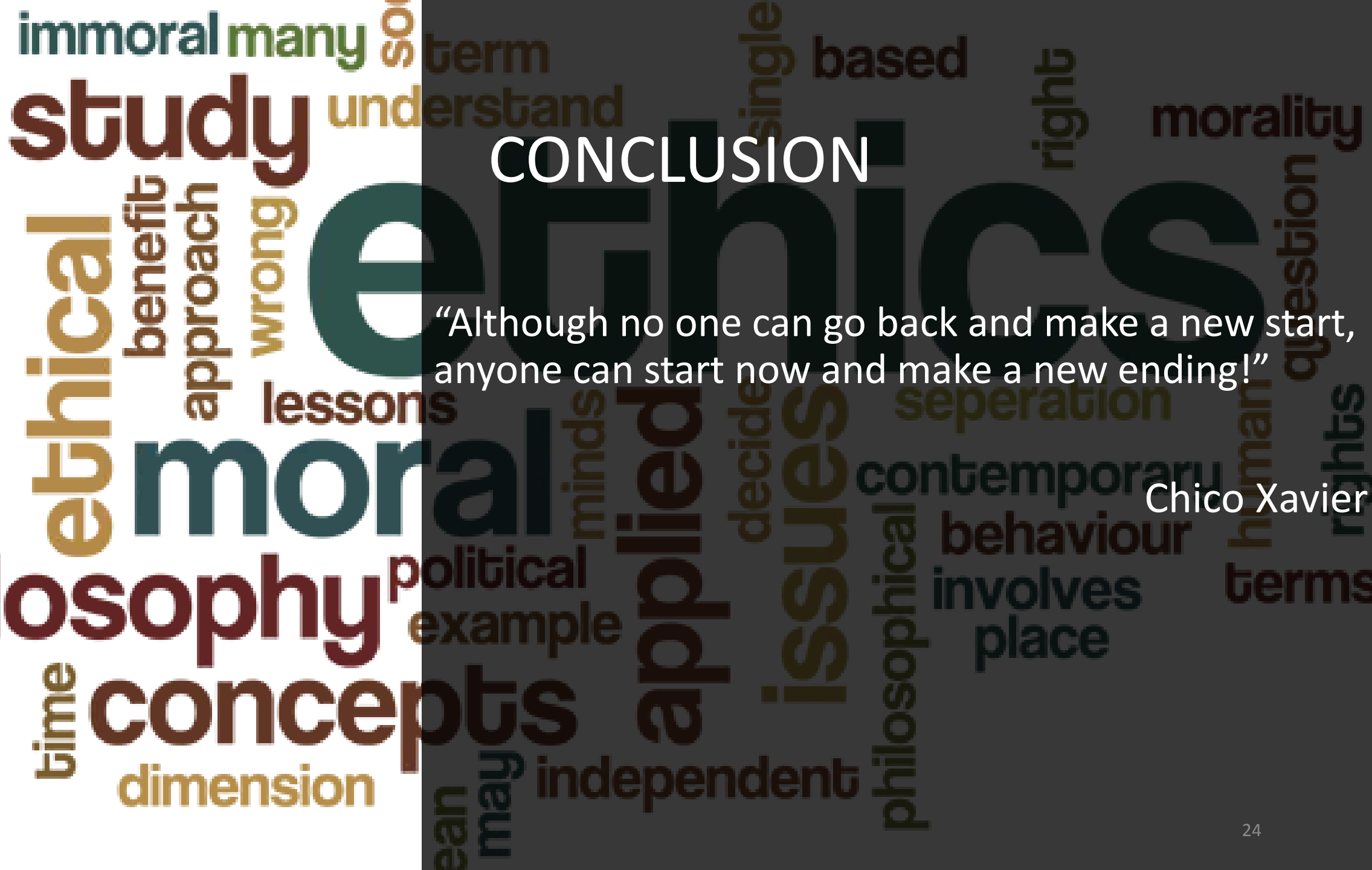
Terrorist attacks

A surprise attack involving the deliberate use of violence against civilians in the hope of attaining political or religious aims.

Public safety

Refers to the welfare and protection of the general public.





CONCLUSION

“Although no one can go back and make a new start, anyone can start now and make a new ending!”

Chico Xavier