## Rare Event Gaming Connecting the Dots...



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#### CoI Innovation Approach



The Web 2.0/3.0 cadet generation researching and field testing game-changing technologies for War Fighters/First Responders

#### Focus of Effort: Edge Operators



- Mission Fabric Network
  - Disruptive *Product* Innovation

- Flexible Distributed Control
  - Disruptive *Process* Innovation



#### **Functions of Flexible Distributed Control**

#### **SYSTEM THAT ENSURES....**

#### THE RIGHT INFORMATION



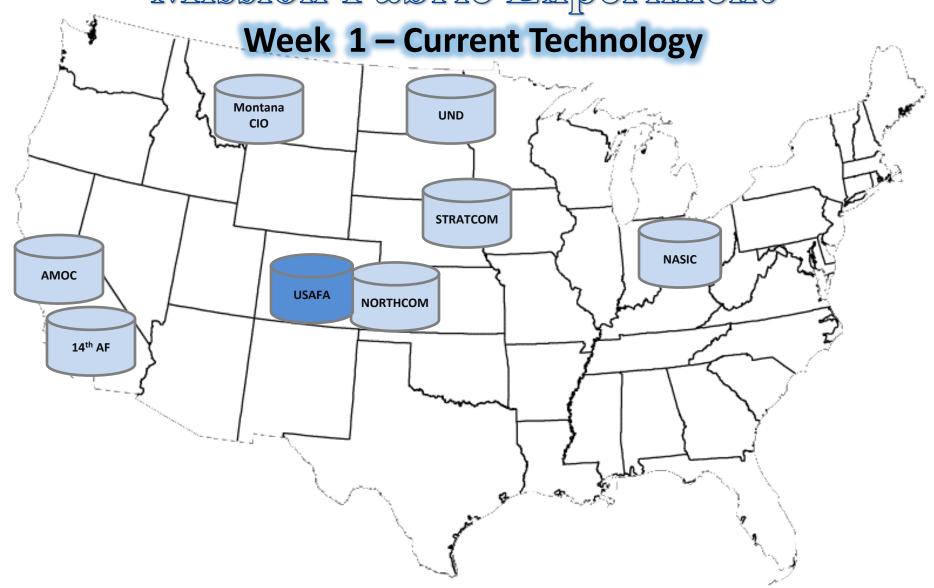
**AT THE RIGHT TIME** 

#### Summer 2009 JCS Exercise:



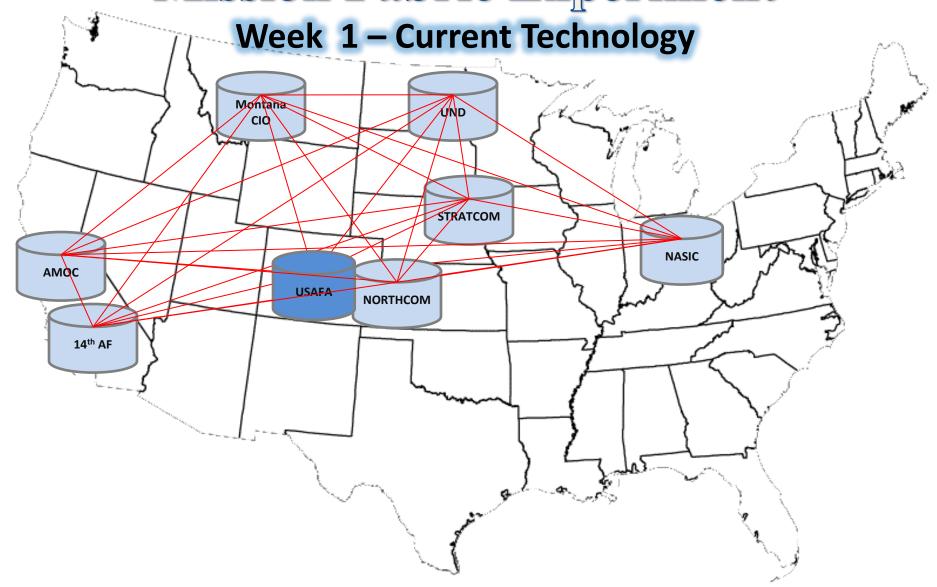
#### FY09 USAFA

#### Mission Fabric Experiment



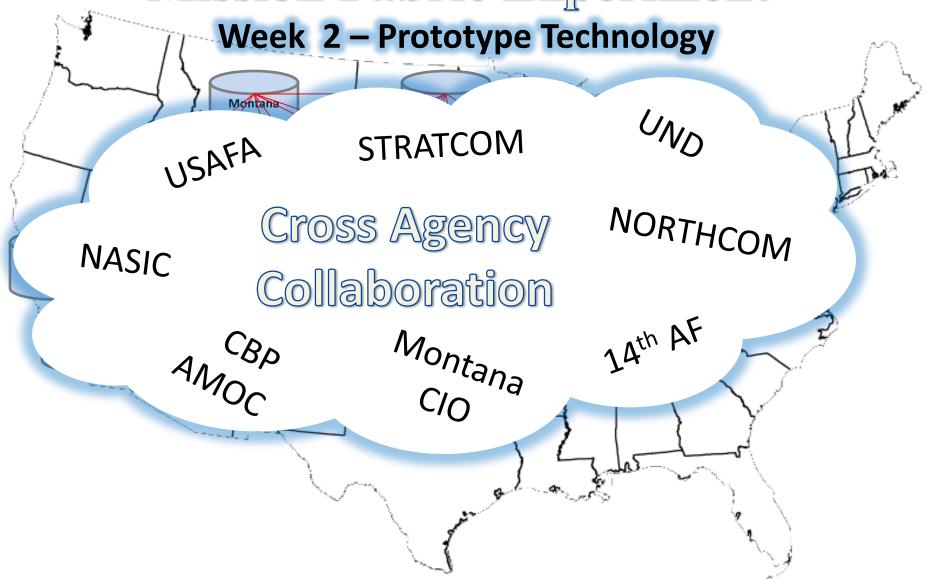
#### IFY09 USAIFA

#### Mission Fabric Experiment



#### FY09 USAFA

Mission Fabric Experiment



#### What Did We Learn?

## Final Report On The US Air Force Academy Mission Fabric Collaboration Experiment

Conducted under the auspices of the Strategic Multi-layer Assessment (SMA) program

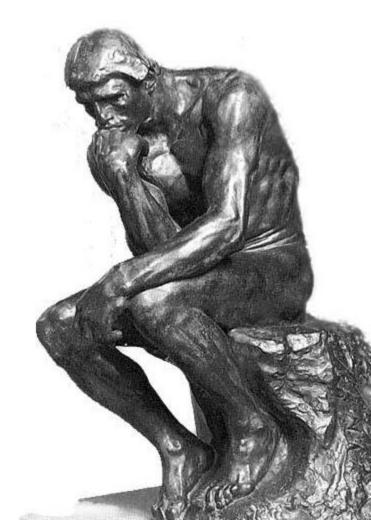
September 2009

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#### Abstract

The USAFA Mission Fabric experiment was conducted over two 1-week segments (13-17 July and 20-24 July 2009) during which different sets of collaboration tools were available to the participants as they attempted to anticipate a rare event based on information injected over the duration of the experiment. This report presents findings from the experiment.

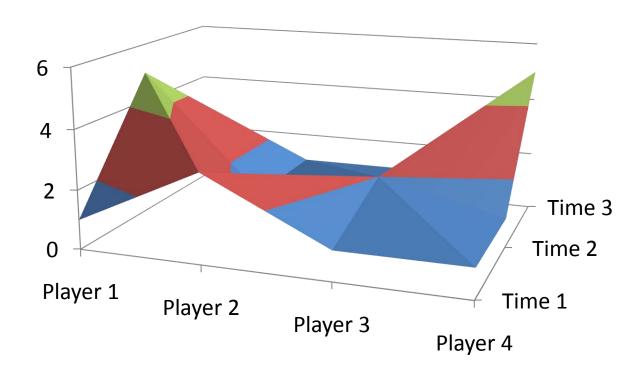


#### The Tool Alone Is Not The Answer

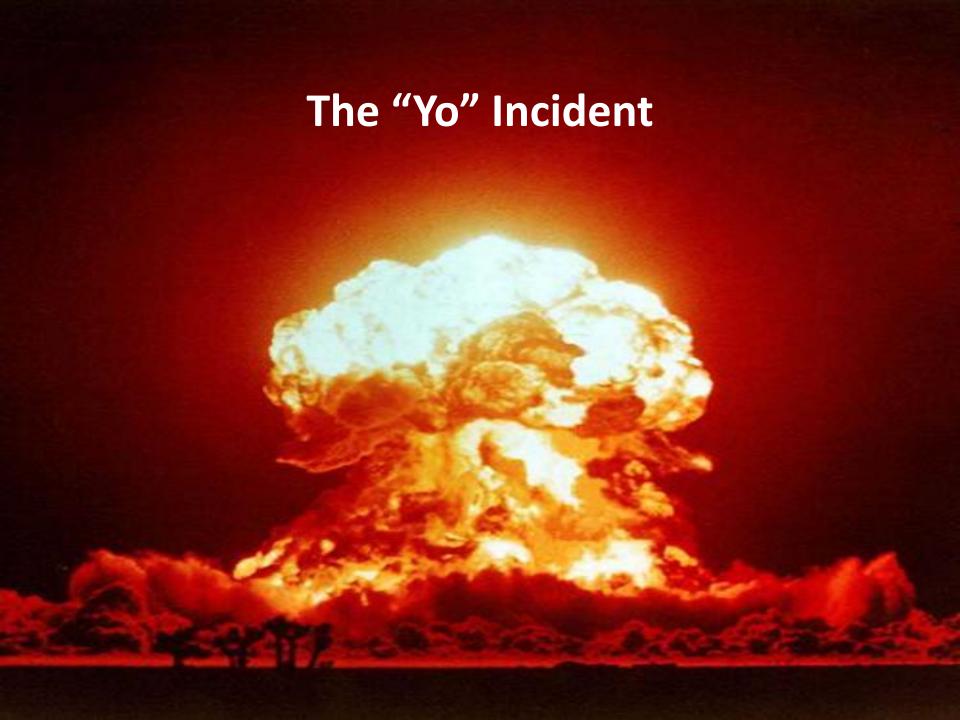
"In short, by themselves, the tools alone cannot make people more effective and satisfied; the highest levels of performance and satisfaction arise when appropriate tools are matched with effective processes for employing those tools." – USAFA Mission Fabric Experiment Final Report Sept 2009



#### **Process**



"Peaks" of leadership spike and dissipate over time



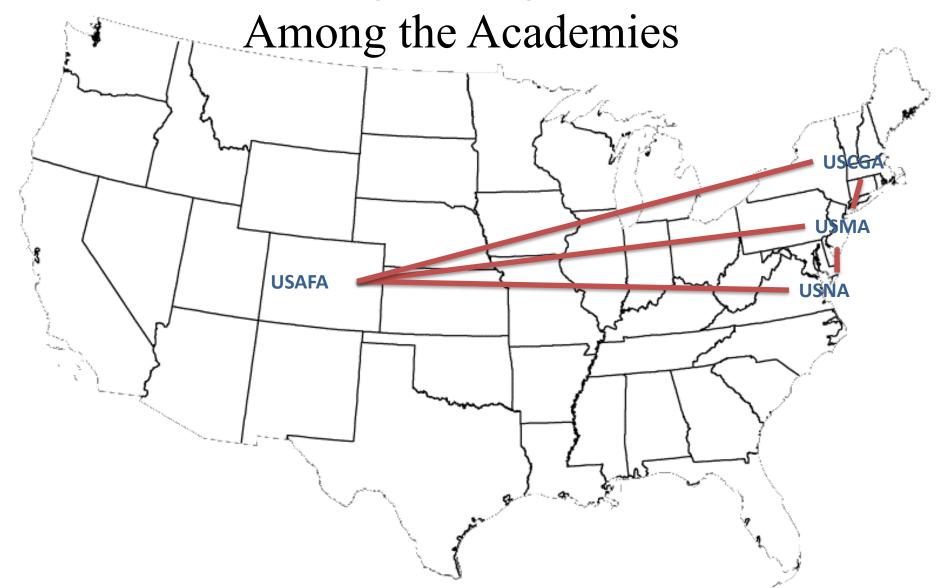


### Where To Go From Here?

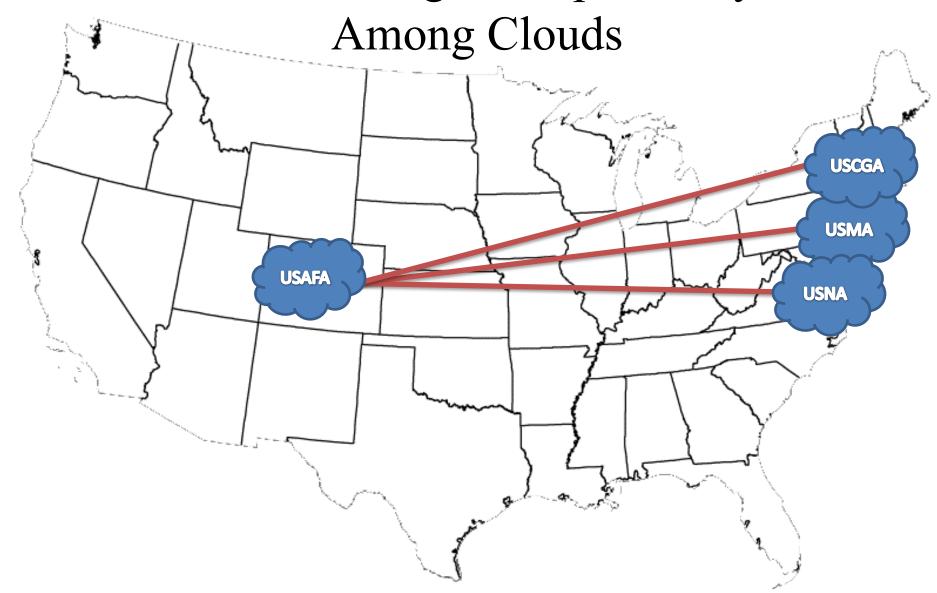


# **USAFA Mission Fabric** Rare Event Game FY10 **USAFA**

#### Field Testing Intelligent Network



#### Field Testing Interoperability



## Field Testing Interoperability **Among Clouds** USCGA USAFA Interagency Collaboration USMA USNA

## Questions?



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