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"Humanity was informed that it could make machines that would fly through the air. The conquest of the air and the perfection of the art of flying fulfilled the dream which for thousands of years had glittered in human imagination."

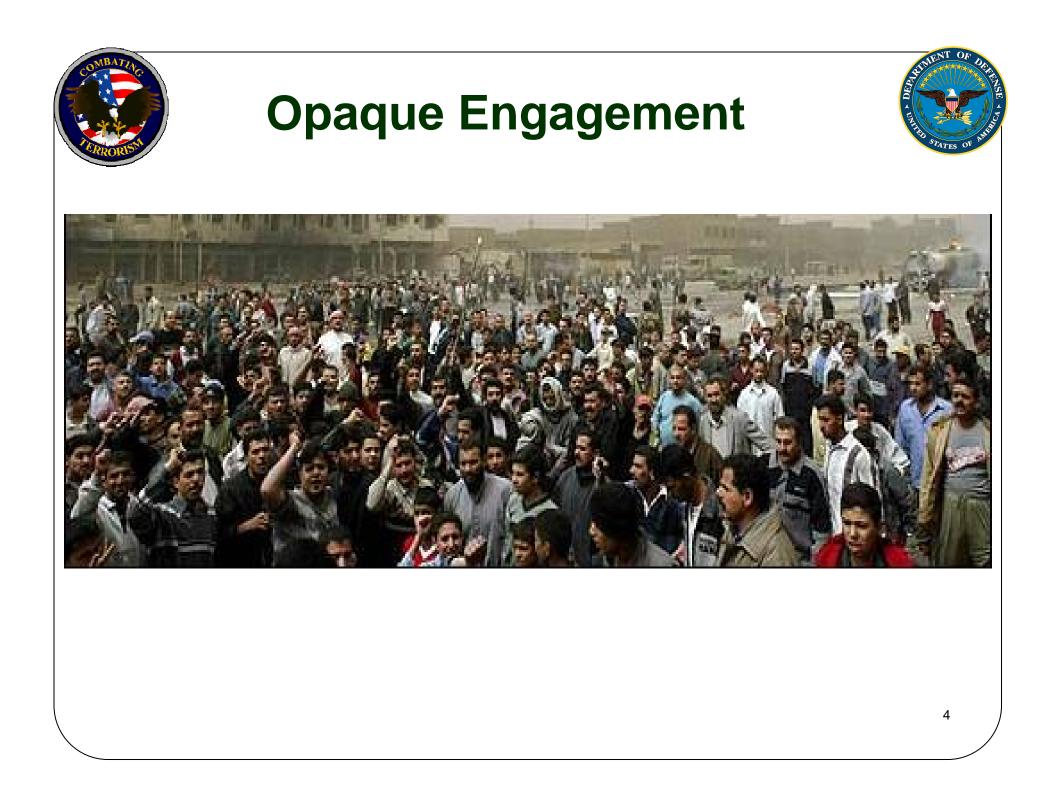
> Winston Churchill March1949, M.I.T.



### System Challenges



- Rapid equipping vs. traditional acquisition
- Information Age vs. Industrial Age
- Operational analysis drives acquisition





# **Operational Challenges**



- Tactical/Law enforcement-style targeting
- Cyber-sanctuaries & internet criminality
- Tactical intelligence driven operations
- Building indigenous capability
- Strategic communications







# *"90% of this war will take place in the information domain."*

- Ayman al-Zawahiri



### **Policy Challenges**



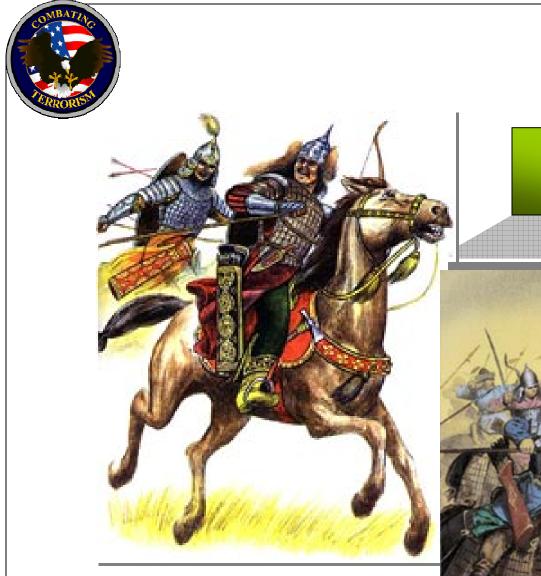
- Communications & commerce law
- Interagency & international best practices
- Strategic organizational model for the Long War





## "We are not yet organized, interagency or internationally; to execute this war."

### - GEN John Abizaid, CENTCOM Commander, 2005





#### "The old metrics no longer worked..."

