ORGANIZATIONAL MODELING AND SIMULATION IN A PLANNING ORGANIZATION

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Outline

• Introduction
• Background
• Current Research Direction
• Research Progress to Date
• Results
Introduction

• Research Team
  – Air Force Research Laboratory
  – Northrop Grumman
  – Stanford University

• Virtual Design Team (VDT) to Project, Organization, Work for Edge Research (POW-ER) to POW-ID

• Purpose for studying organizational change of a dynamic Command and Control (C2) environment through simulation
Background

• VDT-POW-ER-POW-ID
• Reason to analyze
• Expected Outcomes
Current Research Direction

• Domain difficulties
  – Long period of work
    • Drove higher exception handling times
  • Modified software to account for these differences
    – 24 hour/7 day clock – Global considerations
    – Work exception handling in parallel
Progress to Date

• Baseline complete
• Still analyzing results
• Need to develop meaningful interventions to run
Results

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