

ORGANIZATIONAL MODELING AND SIMULATION IN A PLANNING ORGANIZATION

17 Jun 09



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Outline



- **Introduction**
- **Background**
- **Current Research Direction**
- **Research Progress to Date**
- **Results**



Introduction



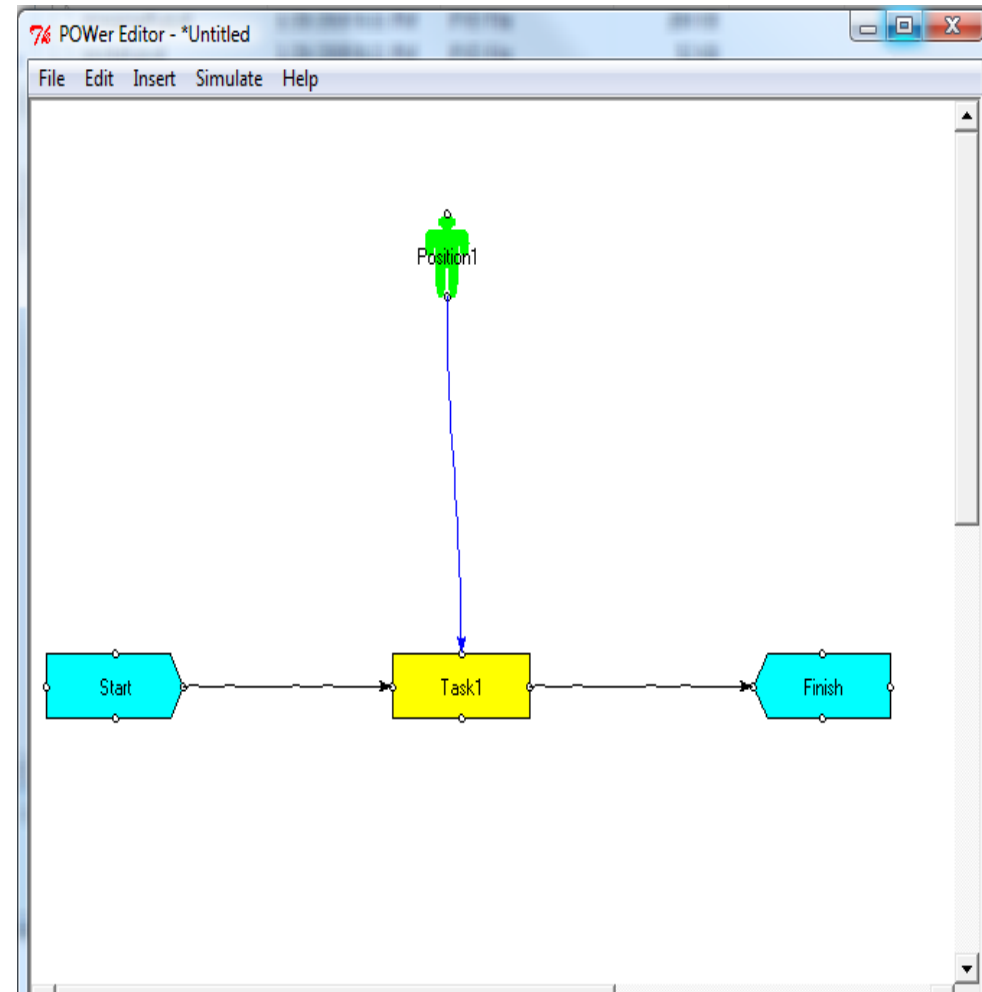
- **Research Team**
 - **Air Force Research Laboratory**
 - **Northrop Grumman**
 - **Stanford University**
- **Virtual Design Team (VDT) to Project, Organization, Work for Edge Research (POW-ER) to POW-ID**
- **Purpose for studying organizational change of a dynamic Command and Control (C2) environment 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



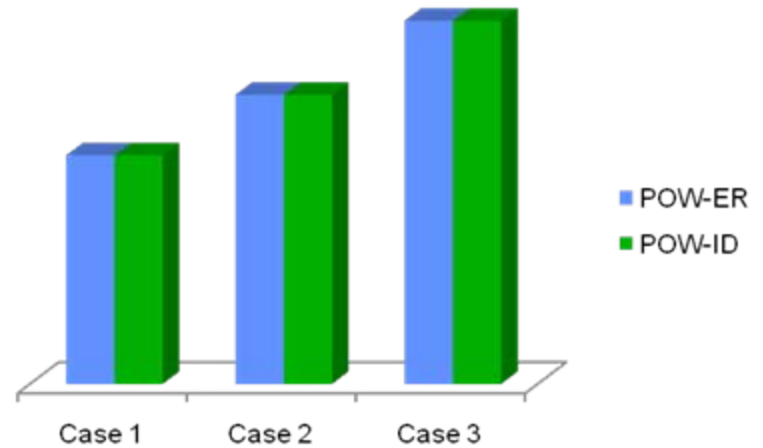
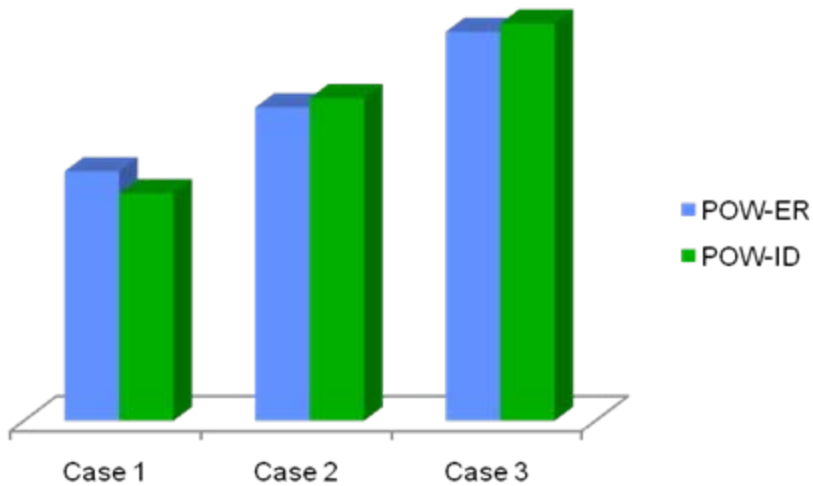
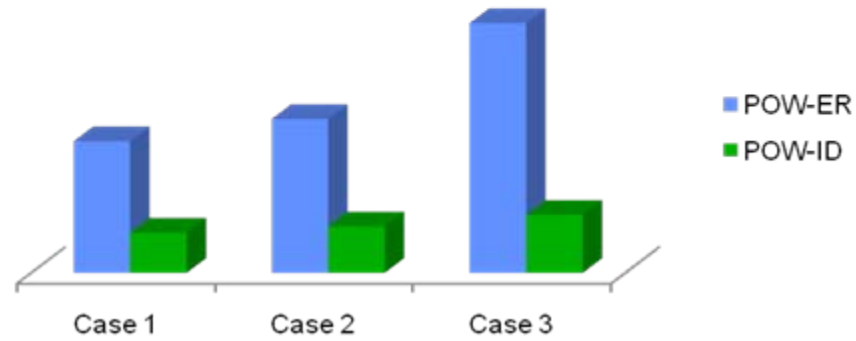
Progress to Date



- **Baseline complete**
- **Still analyzing results**
- **Need to develop meaningful interventions to run**



Results





Questions

