

# Electronic Journal System in a Tactical Fusion Center

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Army MOIE



# Problem

- **Maintaining knowledge in a multi-organizational tactical fusion center**
  - **different organizational cultures**
  - **need for organizational reachback**
  - **rapid personnel turnover**

# Background



**Embassy Intelligence Fusion Center (EIFC)**



**Information folders maintained in Powerpoint**

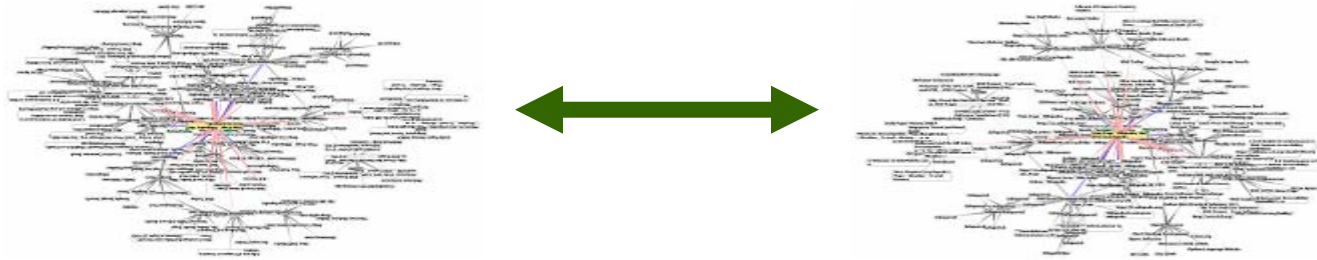
# Objectives

- **Solve EIFC problem with a persistent electronic journal**
- **Develop metrics & lessons learned pertinent to other intelligence centers**
- **Advance technologies that are transferable to other projects**

# Activities

- **Develop, leverage and integrate Wiki, Natural Language Processing technologies in labs**
- **Deliver prototype system, facilitate user training, use feedback to steer further development**
- **Gather metrics on Powerpoint vs. Wiki**
- **Transfer technologies to Intellipedia, other efforts**

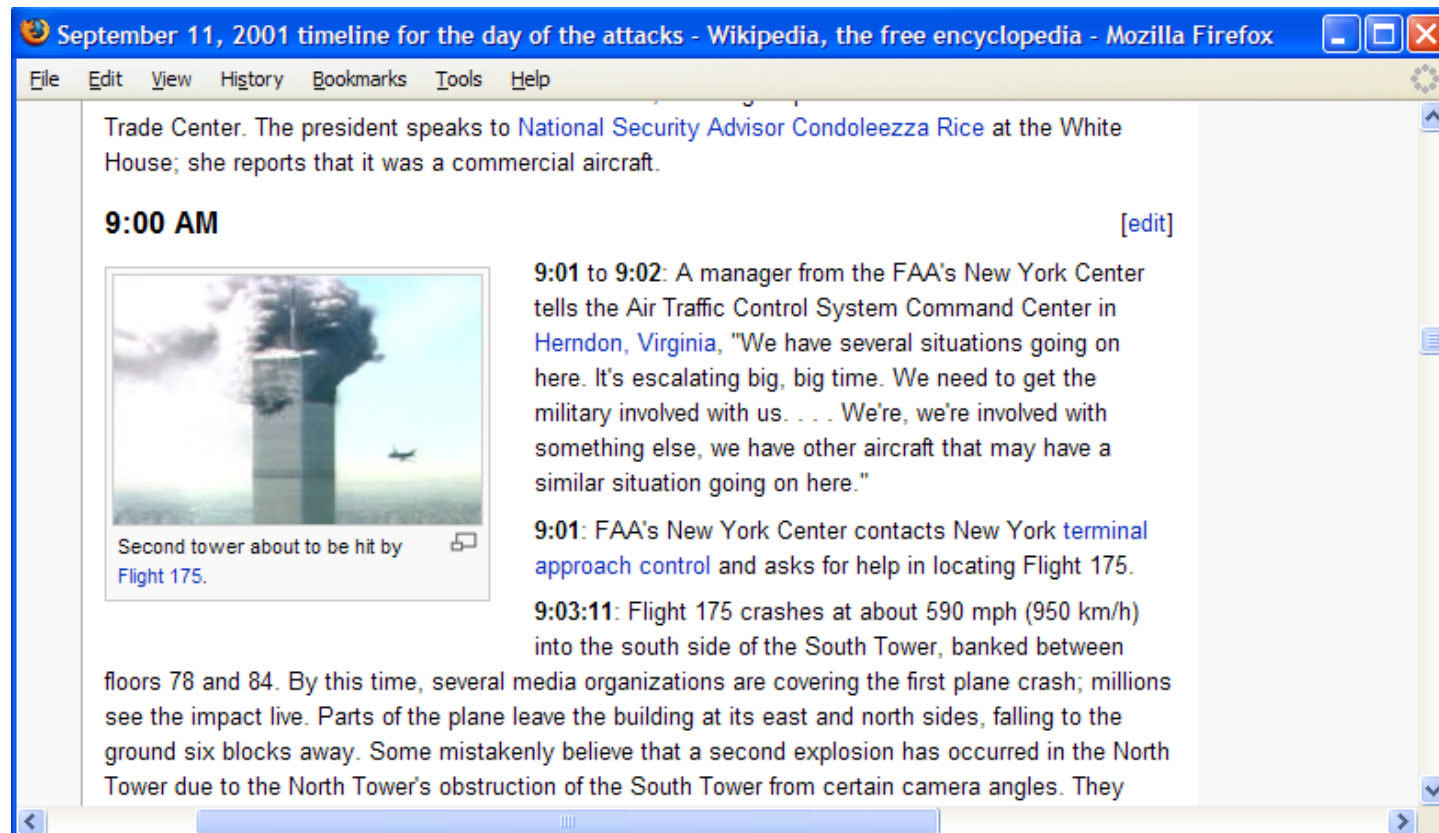
# Highlight



- **Prioritize articles for cross-wiki replication**
- **Apply MITRE (G063) technologies in Natural Language Processing (NLP)**
- **Use internals such as internal links**
- **Output: at least a prioritized list with links**

# Demonstration

## Mediawiki as a platform for persistent electronic journal



# Impacts

- **Leave-behind system at EIFC**
- **Metrics on Wiki vs. Powerpoint**
- **Lessons learned**
- **Technologies for:**
  - **Seeding Wikis from other sources**
  - **Cross-Wiki pollination**

# Future Plans

- **Install in EIFC & facilitate training**
- **Continue development in Miami**
- **Test/compare efficiency of this solution vs. current process**

