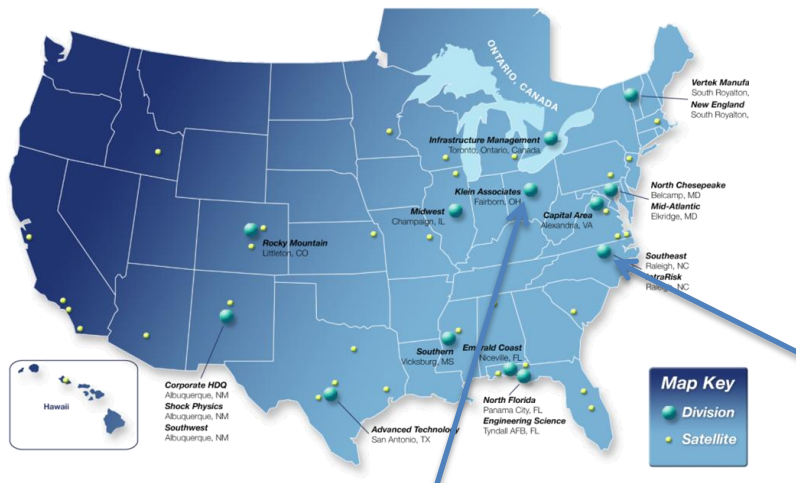- Applied Research Associates, Raleigh
- Lead Investigator: Dirk Warnaar

Southeast Division

Cognitive Sciences Division

Research Areas of Interest

- Forecasting

- Structured reasoning

- Crowdsourcing

- Cognitive analysis

- Content extraction

- Statistical analysis

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Qualifications

- Aggregative Contingent Estimation System (ACES) – Crowd-based forecasting of future events. ARA was a prime on the IARPA ACE program.
- Assessing Team Collaboration in Intelligence Teams – Identified essential dimensions of effective collaboration and processes associated with them
- Sense-making in Intelligence Analysis – Extended incident- based Cognitive Task Analysis methods to improve and share sense-making across analysts/organizations
- White House Situation Room redesign - human cognitive performance in high stakes work domains to improve decision making
- Cultural network analysis - Eliciting, analyzing, and representing cultural models in any domain
- Intelligence Management System (IMS) – Rapidly gathers, organizes, processes, and disseminates data from disparate sources. Considers semantic, geospatial, and temporal aspects to determine data relevancy

Former intelligence analysts on staff

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Desired Complimentary Technologies

- Reasoning techniques (case-based, evidential, plausible,…)

- Collaboration platforms

- Context modeling

- Text analysis

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