- Soar Technology, Inc.
- Jack Zaientz, Robert Wray

Soar Technology
Thinking *inside* the box.

- Large-scale, high-fidelity models of humans
  - Many modeling paradigms.
  - Integration of vast array of cognitive
- Improving system performance by adapting to a user's cognitive state
  - General cognitive-state interfaces
  - Common, robust, reliable interface
  - Extend to new sensor technologies
  - Applications: Training, Intelligent User Interfaces, Virtual Characters
- Formal deontic models
  - Provable limits on autonomy according to flexible rules

Soar Technology
Thinking *inside* the box.

- Qualifications and capabilities
  - Computational models of human affect, cultural influences, collaboration integrated with decision-making architectures
  - Methods and tools for dynamic tailoring of system behavior based on user state, user/system goals, and relevant context
  - Training environments focused on aspects of social interaction where trust would be important

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