

**Active Decision Support, Inc.**  
**380 Foam Street, Suite 210**  
**Monterey, CA 93940**  
**Phone: 831-372-2420**  
**Fax: 831-372-2042**

## **Business Capability Statement**

### **Company Overview**

Active Decision Support, Inc. (ADS) was founded in 2008 by Dr. Bill Tarantino and Allen East and operates as a Service Disabled Veteran Owned Small Business Concern. ADS provides clients with analytical results that address their real world problems through the application of Operations Research Methods. Operations Research and other advanced modeling techniques enable ADS to aid both government and corporate clients to effectively manage their resources.

### **What we can do for you**

- 1. Improve the efficiency and effectiveness of your resources using economic analysis.**
- 2. Help you manage uncertainty and inform decisions through decision analysis.**
- 3. Support investment decisions using optimization and simulation analysis.**

### **Specific Capabilities**

We apply Operations Research techniques in these areas:

- Economic analysis including privatization, pricing models, cost estimation, and applications
- Uncertainty, risk, and decision analysis with advanced statistical forecasting
- Location analysis including Base Realignment and Closure
- Cost-Benefit analysis to compare alternatives
- Advanced survey analysis and statistical measurement techniques
- Systems and process reengineering
- Environmental analysis with economic techniques
- Spreadsheet analysis and applications with visual basic
- Performance consulting on information technology management techniques including governance, portfolio management, and enterprise architecture
- Capital budgeting to support long term investment decisions

### **Location and Facilities**

Located in Monterey, CA, Active Decision Support is able to host clients for information gathering and business discussions. ADS' convenient downtown location allows for access to high quality facilities for larger presentations or short courses.

<http://www.activedecisionsupport.com>

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## Proven Success

- Demonstrated results with Corporate, Departments of Defense, Department of Energy, and other Government Clients
- Over 25 years leadership experience
- Certification in Risk Management
- Facility Security Clearance
- 2006 Winner Koopmans Award for best Operations Research military applications paper
- 2006 Finalist for Decision Analysis Practitioner of the Year Award.
- Three Time Winners of the Army PAYNE Award: Yearly award for Excellence in Army Operations Research
- 2002 – Winner of top Army Operations Research Award
- 2000 - Winner of the 2000 FRANZ EDELMAN Award: 29th Annual International Competition for Achievement in Operations Research and the Management Sciences.

## Selected Publications

- Dell, R., L. Ewing, and W. Tarantino, “Optimally Stationing Army Forces,” *Interfaces*, Volume 38, Number 6, Dec 2008, pp: 421-435.
- Ewing, L., W. Tarantino, G. Parnell, “Use of Decision Analysis in the Army Base Realignment and Closure (BRAC) 2005 Military Value Analysis,” *Decision Analysis*, Volume 3, Issue 1, March 2006, pp: 33-49.
- Katok, E., W. Tarantino, and R. Tiedeman, “Improving Performance and Flexibility at Jeppesen: The World's Leading Aviation-Information Company,” *Interfaces*, Edelman Edition, Volume 31, Number 1, Jan/Feb 2001, pp: 7-29.
- Katok, E., W. Tarantino, T., Harrison, “Investment in production resource flexibility: An empirical investigation of methods for planning under uncertainty,” *Naval Research Logistics*, Volume 50, Issue 2, March 2003, Pages: 105-129.

## Client and Project Information

ADS values the confidentiality of our clients and we do not post client names. The following completed analyses provide examples to demonstrate our past success.

- Decision Analysis: We developed a capital budgeting and decision model to help a client decide how to invest available funds to achieve their organizational goals.
- Economic Analysis: We assisted multiple clients with differing investment decisions by examining the economics, systems, and uncertainties surrounding each decision.
- Systems and Process Analysis: We assisted clients in systems improvement and process reengineering including supply chain analysis.

## Next Steps

ADS is interested in supporting clients and engaging in new analytical challenges. Please call or email us with additional questions or for a consultation.

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