

## DACS Partners

### ITT Industries

Internet; Information Collection, Analysis, & Dissemination; Software Measurement; Modeling & Simulation; Software O&M.

### University of Maryland, Fraunhofer Ctr:

Premier Software University;  
Software Measurement; Quality Improvement.

**Modus Operandi:** Workflow Technology;  
Process Automation; Object-Based Systems.

**Sterling Software:** Top 15 Commercial Software Company; System Management; Intelligence Applications.

### Software Engineering Technology:

Cleanroom Software Engineering;  
Usage Modeling; Statistical Testing.

**SAIC:** Safety Critical Software;  
Risk Analysis and Management.

**Bellcore:** Network Integrity; Reliability;  
Testing; Software Process Improvement.

**MEI, Inc.:** Software Rehosting;  
Systems Engineering.

**Capraro Technologies –**  
Database Technology;  
User/Machine Interaction

### Special DACS Experts

**Dr. Victor Basili –**  
Goal/Question/Metric; Experience Factory

**Dr. Martin Shooman –**  
Software Reliability; Measurement Models

## DACS Contact Information

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### DACS COTR

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### DACS Procurement Contract Office

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## Acquiring Technical Support from the DACS



## DACS Products & Services



[www.dacs.dtic.mil](http://www.dacs.dtic.mil)

## Problem?

Do you have a software engineering problem that cannot be solved internally?

## Solution: Initiate a DACS Technical Area Task (TAT)

The DACS provides contract support to our customers in order to assist them in solving software engineering and software technology problems or in developing, instituting, or communicating improved methods. This is provided through a DACS mechanism called a Technical Area Task (TAT). The performance period of a TAT may run from several weeks to several years in duration. TATs are work efforts that are analytical and technical in nature and which are separately funded by DACS customers.

The process begins when a customer contacts the DoD DACS, the Contracting Officer's Technical Representative (COTR) or the Defense Technical Information Center (DTIC) with a request for DACS assistance. The customer then is referred to as a TAT sponsor.

In concert with the sponsor, and in response to a Statement of Work (SOW) from the COTR, the DACS Team develops a brief technical and cost proposal.

After the proposal has been approved by the DACS Team, it is reviewed and approved by the DACS COTR, located at the Air Force Research Laboratory/Information Directorate (AFRL/IFTD), and the DTIC Information Analysis Center (IAC) Program Office at Fort Belvoir, Virginia.

The approved proposal is then forwarded to the Procurement Contracting Officer at the Defense Supply Center, Columbus, Ohio, who negotiates the task and adds it to the DoD DACS contract.

The DACS is the Department of Defense (DoD) Software Information Clearinghouse.

The DACS is sponsored by the Defense Technical Information Center's (DTIC) through the Information Analysis Center (IAC) Program.

## DACS Mission

Our mission is to provide support and assist in the transition and application of software technology research.

Technical Area Tasks (TAT), or Special Studies are performed and technical consultation is available for all aspects of software engineering. Past studies have focused on requirements engineering, rapid prototyping, cost estimation and modeling, Ada tools, and conference support. The DACS staff performs TATs for and provides consulting services to members of the defense community, other government activities, industry and academia for all aspects of software engineering and technology. TAT coverage includes, but is not limited to, the following areas:

## Technical Area Task Coverage

- ✿ Acquisition Support
- ✿ Algorithm Development
- ✿ Analysis & Test Technologies
- ✿ Artificial Neural Networks
- ✿ Conference Support
- ✿ Cost & Reliability Modeling
- ✿ Data Modeling & Simulation
- ✿ Distributed/Parallel Processing
- ✿ Internet/Intranet Development
- ✿ Life Cycle Management
- ✿ Metrics Data Clearinghouse
- ✿ Metrics/Measurement Assessments
- ✿ Network Integrity Solutions
- ✿ Process/Product Model Studies
- ✿ Producibility Measures
- ✿ Rapid Prototyping
- ✿ Requirements Engineering
- ✿ Return on Investment Analysis
- ✿ Standards Development
- ✿ Software Engineering Training
- ✿ Software Image Processing
- ✿ Software Quality & Reliability
- ✿ Software Reuse & Reengineering
- ✿ Software Test Automation
- ✿ Technology Transition
- ✿ Tools & Environments
- ✿ Website Management
- ✿ Workflow Automation

