

## Case Study

DARPA Office  
of Management  
Operations IRD

### CHALLENGE

support and enhance the business  
applications to improve overall efficiency in  
technology offices

### SOLUTION

expertise in front-end requirements  
gathering, quality assurance and systems  
implementation



**ACCURATELY DEFINED  
AND IMPLEMENTED**





## Case Study

### Defense Advanced Research Projects Agency (DARPA)

## Client Scenario

DARPA funds the research of a wide variety of scientific disciplines — biology, medicine, computer science, chemistry, physics, engineering, mathematics, material sciences, social sciences, neuroscience, and more. DARPA funding allows researchers in industry, universities, government laboratories and elsewhere to conduct high-risk, high-reward research and development projects that will benefit U.S. national security.

DARPA's Office of Management Operations (OMO) Information Recourses Directorate (IRD) provides support for several custom business applications that are used by the Technology Offices responsible for carrying out the research to build information systems, aircraft, robots, spacecraft, microcircuits, lasers, sensors, advanced networks, medical devices, and more. A contractor was needed to enhance and support its legacy acquisition support applications to improve overall efficiency in the technology offices as they carry out the DARPA mission.

## QuTech Solution

DARPA's Program Managers and Scientists rely heavily on a number of applications to solicit proposals for and assist management of the scientific research projects they oversee. DARPA used QuTech's full lifecycle software development experience to enhance and maintain its critical acquisition support applications. For example, QuTech leveraged expertise in front-end requirements gathering, quality assurance, and systems implementation on several maintenance releases of the Broad Agency Announcement (BAA) and the Technical and Financial Information Management System (TFIMS) applications. We worked closely with the technical offices responsible for funding and managing advanced scientific research projects to make the appropriate system modifications, allowing each office to configure the applications for their specific needs without programming. We coordinated with key stakeholders to define requirements and to perform testing ensuring that requirements were accurately implemented.

QuTech's software engineering support in all areas of the development lifecycle has led to increased efficiency in the DARPA Technology Offices as they oversee critical scientific research in support of DARPA's mission.

## Client Comments

"Leslie Winston (QuTech) inspires faith in IRD. She is pleasant, helpful, and knowledgeable. Most of all, she is responsive. We thought it appropriate to report our positive experience up the chain."

Mike Daugherty  
STO BAA Coordinator

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