

## Case Study: **New Government Research Program Creation**

**Challenge:** DARPA program manager wanted to close the gap between electronic computer processing and human processing capabilities. DBS worked to define and create new DARPA program, Ultrascale Computing (which included DNA and biological computing, amorphous computing, quantum computing, and man- machine interfaces).



**Solution:** DBS conducted a thorough assessment of applicable research at major universities, developed a proposed program structure, planning milestones, and, associated funding requirements. DBS developed a theme of “Humans with Machine-Like Precision; Machines with Human-Like Cleverness,” and created a communication plan that was instrumental in successfully securing program funding.

**Results:** The initial program established advanced research projects in 14 leading U.S. universities and built the foundation for today’s DARPA High Productivity Computing and Cognitive Systems programs.



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