



High Performance Computing

Program Manager 256-895-1398

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

The U.S. Army Engineering and Support Center, Huntsville, Facility Technology Integration, High Performance Computing (HPC) Program supports the Department of Defense (DoD) High Performance Computing Modernization Program (HPCMP) through the annual procurement of HPC systems (supercomputers), award and maintenance of key contracts that support the Defense Research & Engineering Network (DREN), and support for all other required acquisition activities.

Our team:

The HPC Program utilizes a dedicated, multidiscipline Product Delivery Team (PDT) approach to meet customer requirements. The PDT includes subject matter experts in the areas of Project Management, Information Assurance/Cyber, Engineering, Contracting, Resource Management, and Legal Counsel. Many of our team members hold Department of Defense (DOD) Acquisition certifications, Project Management Professional (PMP) certifications, as well as many other professional IT certifications.

Key contracts include:

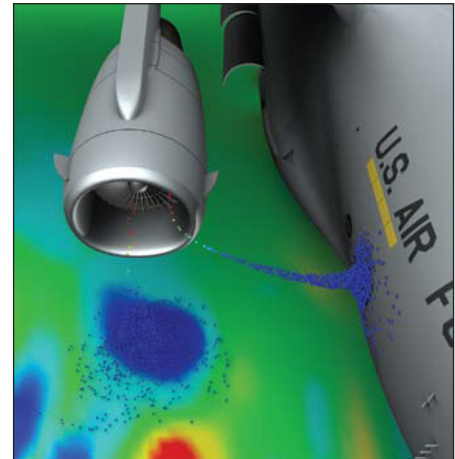
- Technology Insertions (\$330M) - Provides annual procurement of HPC systems (supercomputers), totaling 31 PetaFLOP/s in computational capability and 99 PetaBytes in directly attached storage to date
- HPC Integrated Technical Services Unrestricted (\$600M) – Provides all critical IT infrastructure and services to support the supercomputers
- HPC Integrated Technical Services Restricted (\$93M) – Provides highly technical Network Operating Center (NOC) and software development

Available services include:

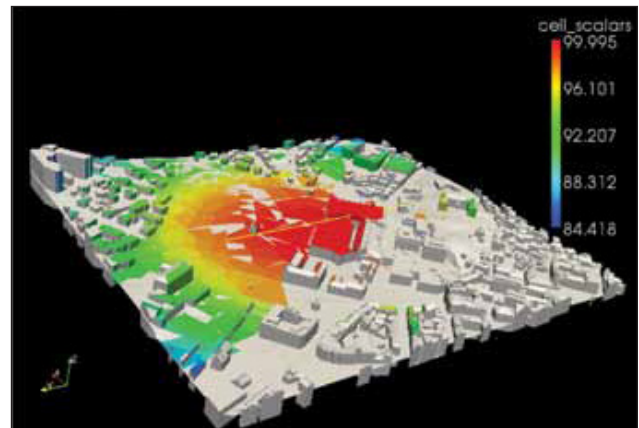
- Requirements Analysis, Market Research, and Budget Estimation
- Acquisition Plan and Strategy Development
- Acquisition Documentation Development
- Contract Award
- Contract Administration
- Project Management/Contracting Officer Representative
- Project Schedule Management and Deliverable Review
- Vendor Performance Assessment and Dispute Resolution
- Evaluation Board Formation and Participation
- Financial Management, Analysis, and Reporting
- Legal Support
- Contract Close-out

Key Customers:

- Department of Defense High Performance Computing Modernization Program
 - U.S. Air Force Research Lab (AFRL), Dayton, Ohio
 - U.S. Army Research Lab (ARL), Adelphi, Maryland
 - U.S. Navy Stennis Space Center (NAVY), Stennis Space Center, Mississippi
 - USACE Engineering Research and Development Center (ERDC), Vicksburg, Mississippi
- Naval Meteorology and Oceanography Command



Jet Engine Foreign Object Damage (FOD) simulation



Ballistic Trajectory Threat Probability

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