

INFORMATION DYNAMICS

Architecting Strategy, Business, and Technology for the Enterprise



Case Study: NASA High End Computing Program

The Challenge

Optimize the NASA High End Computing (HEC) Program as a service-oriented organization responsible for managing the Agency's HEC capability.

The NASA Advanced Supercomputing (**NAS**) Facility at Ames Research Center and the NASA Center for Climate Simulation (**NCCS**) at Goddard Space Flight Center comprise the NASA HEC Program.

Our Approach

Information Dynamics assembled a multi-disciplinary team of experts to conduct the HEC Program Assessment and lead an industry benchmark study to compare NASA high performance computing with those of five government and commercial organizations regarded as industry leaders. The HEC Program Assessment evaluated the Agency strategy for deploying and utilizing HEC resources to support NASA missions.

Outcomes

Information Dynamics identified specific areas of opportunity for optimizing the HEC Program as a strategic asset for NASA, including:

- Governance
- Authority for funding oversight, maintenance, and sustainment of the Agency's HEC capability
- Program management integration and common business processes and procedures

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