NASA Ames Builds its Next-Generation Supercomputer 'Aitken' on Modular Architecture

Having outgrown its current High Performance Computing (HPC) data center, NASA Ames' NASA Advanced Supercomputing (NAS) Division began the buildout of a large petascale system called Aitken, its next flagship supercomputer, built by HPE using a containerized architecture with 2nd Generation Intel® Xeon® Scalable processors. The new modular computing design takes advantage of the performance and scalability of Intel Xeon Scalable processors and the local temperate climate to cool the systems. The new Intel processors will allow scientists to accomplish research not possible on existing machines, such as running models longer and getting faster turnaround on detailed simulation results.

Products and Solutions
2nd Generation Intel® Xeon® Scalable processors

Industry
Aviation & Aerospace

Organization Size
1,001-5,000

Country
United States

Partners
HPE

Learn more
Case Study