The supercomputer company

We make technology that drives innovation. Cray platforms enable accelerated research and advancements in fields like healthcare, manufacturing, energy exploration and weather prediction. They provide powerful performance for machine learning and artificial intelligence.

Cray is a global company with locations in the U.S., Europe, Japan, Australia and around the world.

Supercomputing

Make new discoveries and solve your toughest computational problems with our powerful Cray® XC™ series supercomputers, designed to handle the most challenging workloads and deliver scalable, sustained multi-petaflop performance.

Speed up machine learning with the Cray® CS-Storm™ accelerated cluster, purpose-built for artificial intelligence at production scale. It's part of our line of powerful Cray® CS™ cluster supercomputers that enable advances in business and research.

Dr. Brian Mitchell and his team develop the CFD software GE uses to design quieter, more durable and more efficient jet engines.
People do amazing things with Cray supercomputers.

Teams from Carnegie Clean Energy and the University of Western Australia are working to power the globe by capturing and converting ocean wave energy.

**Analytics**

Gain a competitive advantage with high-frequency insight using the Cray® Urika®-GX agile analytics platform, which allows you to quickly uncover hidden patterns in your data.

Unlock sophisticated big data analytics at the speed of supercomputing with Cray® Urika®-XC analytics, a software solution with powerful tools engineered for XC series architecture. With Urika-XC analytics you can solve the toughest problems across all your data on one machine — both simulation and analytics workloads.

**Data Storage**

Reduce TCO, scale efficiently and optimize performance with Cray® ClusterStor™ scale-out Lustre® storage systems. ClusterStor storage systems balance the value equation with the right performance, speed, scalability, data protection and availability, all within the right budget.

Fast-forward your workloads with our DataWarp™ applications I/O accelerator for Cray XC supercomputers.

**Cray in the Cloud**

Solving your most important challenges just got easier. Whether tackling demanding modeling and simulation workloads, ramping up your next-generation sequencing workflows or protecting against cyber threats, our cloud solutions give you more options to utilize the performance and scale of supercomputing without datacenter constraints.

Choose our Microsoft Azure cloud solution for a fully-optimized compute experience or get blazing-fast analytics via a hosted model with Cray and Markley — all without the overhead of running your own datacenter.

Dr. Ralf Schneider of the High Performance Computing Center Stuttgart is improving bone fracture treatment and shortening recovery time.