HIGH PERFORMANCE COMPUTING

SRC uses High Performance Computing solutions to **dramatically change** how leading-edge defense technologies are developed

The availability and broad application of today's High Performance Computing systems have dramatically changed the way engineers at SRC, Inc., formerly Syracuse Research Corporation, develop leading-edge military embedded systems. HPC is a key differentiator for science and technology research, and for developmental test and evaluation. HPC enables the development of the most technologically advanced, affordable military systems by advancing the Department of Defense's missions and goals.

SRC continues to develop extensive computational resources to ensure that our engineers can solve complex problems in real-time, providing solutions to the warfighter in the shortest timeframe possible. HPC allows us to reduce development cycle times by as much as half to provide for delivery of defense solutions in months rather than years.

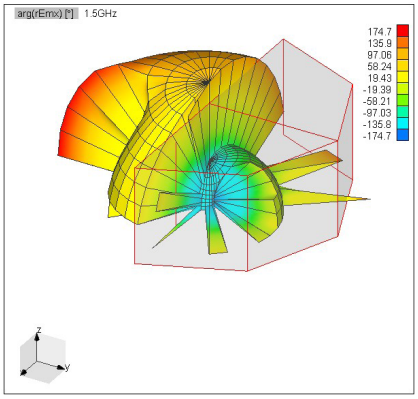
Specifically, SRC has invested in and developed an extensive clustered HPC capability that supports the design and development of radar systems. As a result, SRC engineers model new antenna designs with more ease and precision using advanced finite element modeling tools, enhancing the success rate of prototypes and predicting the performance of final designs. In addition, SRC has vast experience with HPC operations and programming.

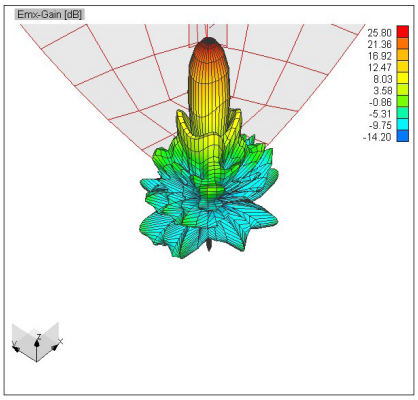
In-depth experience with HPC tools enables our engineers to create system modeling that supports new radar and communications systems designs. The HPC technology used at SRC includes open source software tools that empower SRC engineers with state-of-the-art software development methodology.

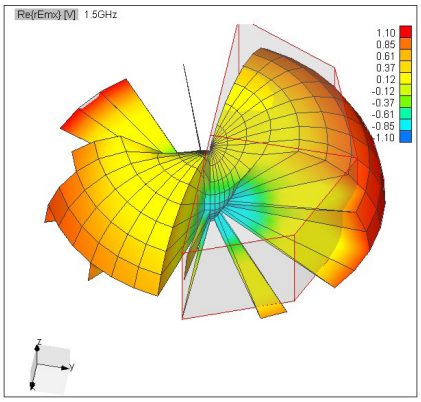
BENEFITS

- Significantly reduce the processing time allowing for superior analyses of complex problems
- Decrease the need to test physical prototypes by making use of advanced computational analyses to predict outcomes
- Run simulation models fast and efficiently,improving data collection, along with increasing accuracy
- Allows SRC to leverage HPC technology to rapidly transfer solutions to the warfighter
- Provides for designing in producibility when manufacturing a product to reduce both schedule and cost risks

SRC SOLVES COMPLEX PROBLEMS OF NATIONAL SIGNIFICANCE FAR MORE RAPIDLY, EASILY, AND COST-EFFECTIVELY THAN EVER BEFORE USING HPC







HIGH PERFORMANCE COMPUTING

LEVERAGING OUR INVESTMENT

As a not-for-profit research and development company, we invest heavily to ensure our engineers have all the tools they need to help them as they redefine what is possible. Our mindset is to leverage the power and flexibility of HPC to accelerate innovation, reduce design cycle times, shorten the time to field products and positively impact the lives of those helping to keep our country safe.

Underlying SRC's success with HPC is a battle-proven capability in radar and communications system development, along with radar simulation expertise backed by more than 50 years of research and innovation. Driving our successful record of past performance, are the high quality support services and experienced program management staff that make the most of the power of HPC to quickly solve complex problems of national significance.

Our engineers know that HPC makes all the difference – reducing project timelines and solving problems that would otherwise be impossible.

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