

Focus on your work. We'll handle the rest.

Experience a truly turnkey weather modeling solution from PSSC Labs.

PSSC Labs has over 25 years of experience designing, manufacturing, and supporting custom-built extreme-scale computing systems; including Big Data and HPC clusters, servers, and storage platforms. Now, we bring that experience and expertise to support atmospheric scientists, utility companies, and other professionals with the PowerVulf ZXR1+ turnkey weather modeling cluster.

PSSC Labs understands and delivers the most critical aspect to designing, building, and installing big data, HPC, or any extreme-scale computing system...

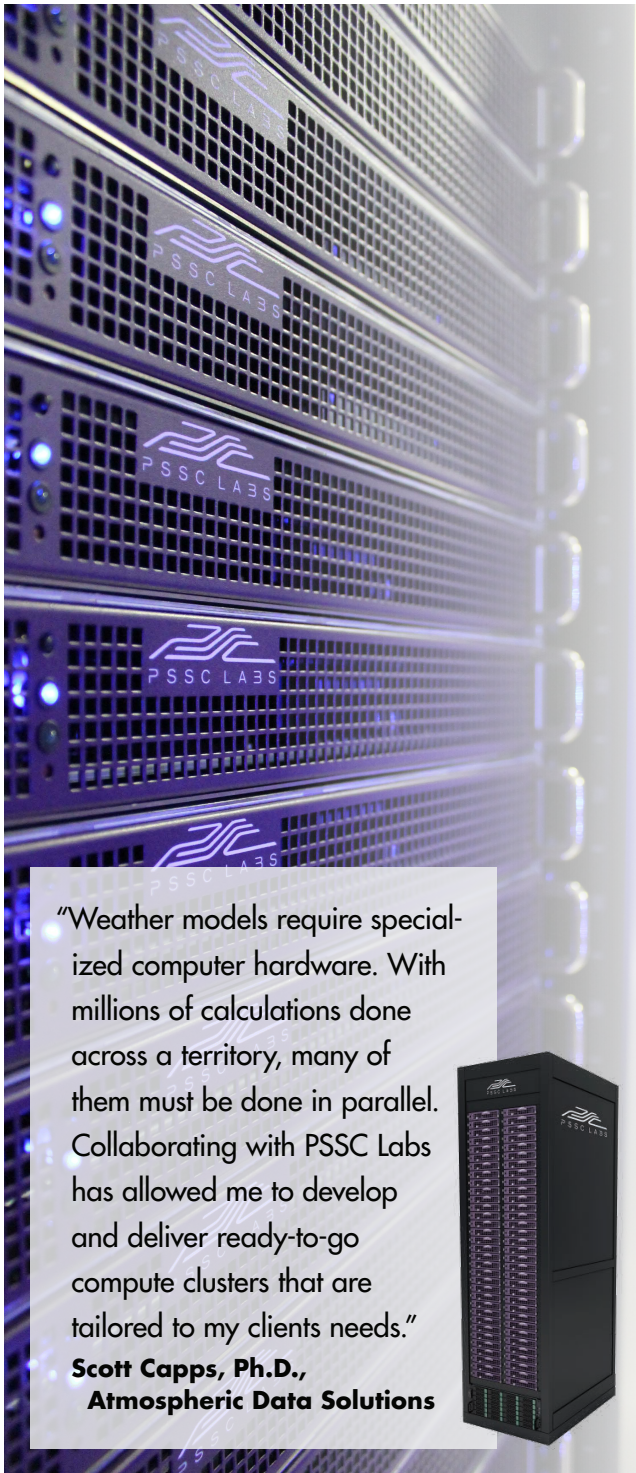
There is no HPC. Only **YOUR** HPC.

When turnkey is actually **TURNKEY**.

- All of our manufacturing, integration, and support are performed in the United States.
- We work with clients to build their computing platforms from business needs analysis and hardware architecture through application-level requirements.
- We provide continuity of support through our *PSSC Single Point of Contact* structure.


C Be S T

- Installation and rigorous testing of all software platform applications, including our CBeST Software Toolkit – hard drive provisioning, RAID set up, BIOS settings, performance tuning, and network address configuration.
- “Rack N’ Roll” integration of all servers, switches, power and network cabling – delivered to you ready to work.



“Weather models require specialized computer hardware. With millions of calculations done across a territory, many of them must be done in parallel. Collaborating with PSSC Labs has allowed me to develop and deliver ready-to-go compute clusters that are tailored to my clients needs.”

Scott Capps, Ph.D.,
Atmospheric Data Solutions

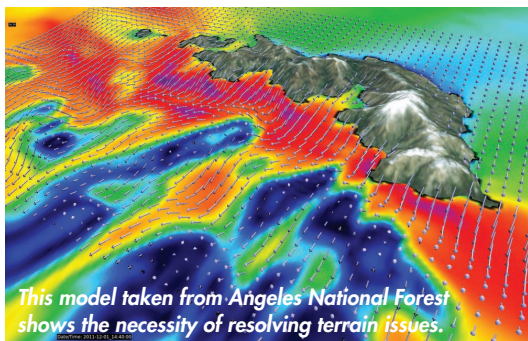


On-premise, integrated hardware solutions that provide **performance** and **confidence**

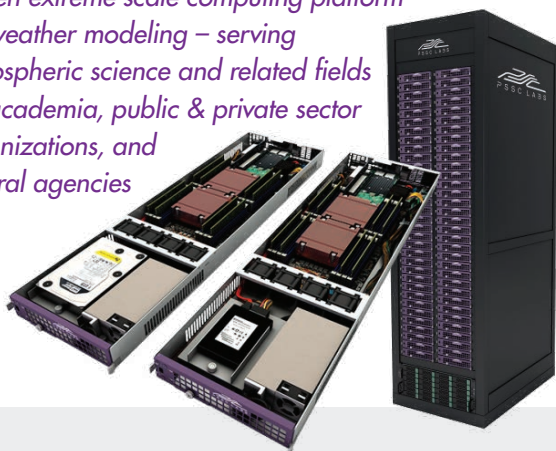
You're in control with PSSC's on-premise PowerWulf ZXR1+ Weather Modeling Cluster – deliver on time, on budget, and with confidence.

Specifications optimized for weather modeling:

- 240 x XEON Scalable 2.4Ghz Processor Cores
- 1344 GB High Performance ECC Memory
- 40 TB High Performance Storage
- 100 Gb/sec OmniPath Network Backplane
- Rack and Power Infrastructure Included
- CBeST Cluster Management Toolkit
- 3 Year Complete Warranty Coverage
- WRF Application Installed



Proven extreme-scale computing platform for weather modeling – serving atmospheric science and related fields for academia, public & private sector organizations, and federal agencies



PARTNERS / SUPPLIERS



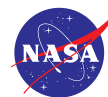
Technology
Provider
Platinum 2018



PARTIAL CLIENT LIST



atmospheric data solutions llc



Our experts in HPC cluster design, build and installation are here to help.

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