Best HPC Cluster for Simulation and Modeling Developed by Nor-Tech and Intel

This cluster allows effortless deployment and management for the productivity boost and superior performance that quickly deliver quantifiable ROI"— Nor-Tech Executive Vice President Jeff Olson

MINNEAPOLIS, UNITED STATES, May 30, 2018 -- Nor-Tech, the leading experts on Intel HPC cluster solutions, just announced a purpose-built simulation and modeling cluster developed collaboratively with Intel.

Simulation and modeling applications are designed to run on scalable, high-performance clusters. To support those applications, today's high-performance computing (HPC) systems require multi-core processors, high-bandwidth fabrics, and broad input/output capabilities.

The level of expertise required to properly configure the combined solution can intimidate organizations of all sizes. A branded NT-HPC Simulation and Modeling Cluster from Nor-Tech delivers all the benefits of HPC efficiently and cost-effectively.

Nor-Tech Executive Vice President Jeff Olson said, "Choosing an NT-HPC Simulation and Modeling Cluster takes the uncertainty and frustration out of selecting and deploying a cluster. It allows effortless deployment and management for the productivity boost and superior performance that quickly deliver quantifiable ROI."

The NT-HPC Simulation and Modeling Cluster has several key hardware and software components:

• Intel Xeon Scalable processors

• The Intel Omni-Path architecture HPC fabric for latency-sensitive workloads

• Intel Cluster Checker

• Additional Intel technologies that benefit HPC applications

• Nor-Tech's own branded NT-EZ Cluster Support solutions for expert systems support

Nor-Tech has been a primary innovator in the HPC cluster space for more than a decade; with an elite staff of expert engineers that average more than 20 years of hands-on experience.

The company's world-class systems incorporate the following key practices for design and configuration:

• Using the right components, such as HPC-class memory and data center drives

• Plug and play setup at the client's site

• Thorough documentation and well-labeled components

• Storage Guard software included to alert clients before their clusters run out of space

• SATM software for ambient temperature-monitoring to protect clusters in the event air conditioning fails

• Options for fast recovery with local spares onsite

• Guaranteed no wait-time support

All of this results in systems that:

• Are performance-optimized for highly scalable simulation and modeling applications using Message Passing Interface libraries

• Reduce the time required to evaluate, select, purchase, deploy, configure and support a workload-appropriate solution

• Improve delivery and uptime through simplified deployment and advanced diagnostic tools

• Are compatible with other HPC applications listed in the Intel Scalable System Framework application catalog

 For more information, visit: **https://www.nor-tech.com/solutions/hpc/simulation_modeling/**. To contact Nor-Tech call 952-808-1000/toll free: 877-808-1010 or visit **http://www.nor-tech.com**.