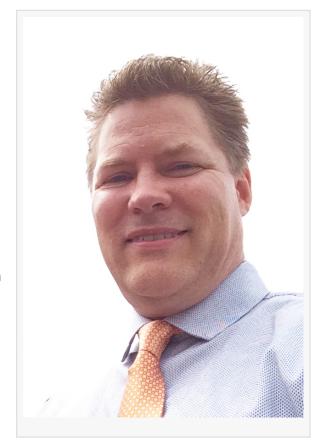# Leading-Edge, Comprehensive HPC Cluster Support Solutions Announced by Nor-Tech

Nor-Tech announced a comprehensive suite of HPC cluster solutions for easy deployment, operation and maintenance.

MINNEAPOLIS, MINN., UNITED STATES, April 27, 2018 /EINPresswire.com/ -- Nor-Tech, the leading experts on Linux-based high-performance technology solutions, announced a comprehensive suite of HPC cluster solutions for straightforward deployment, operation and maintenance. The suite is a thoughtful response to well-known obstacles that, until now, have prevented many organizations from fully leveraging high performance computing.

Nor-Tech Executive Vice President Jeff Olson said, "We have one of the most highly regarded engineering staffs in the world. They were able to look at the complaints they heard over and over from competitors' customers and address them head on. The result is a suite of services that allows organizations to fully leverage the incredible power of high performance computing efficiently and effectively." Nor-Tech's ever-expanding portfolio of services includes:

• NT-EZ Remote Visualization: Storage access too slow? With NT-EZ Remote Visualization, big data files don't have to be transferred to the user's location to be viewed for post processing. Only keyboard, mouse and screen bits travel to the user location.
• NT-EZ Storage Guard: This monitors cluster storage usage and alerts the user if available storage is reaching critically low levels. This keeps clusters stable and reliable. Without this feature, the client will run out of storage without warning causing the cluster job to crash.

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> *Nor-Tech Executive Vice President Jeff Olson*

• NT-EZ SATM (System Ambient Temperature Monitor): This prevents cluster failure due to excessive heat. SATM emails alerts to the client warning that the server room ambient temperature is too high. When the ambient temperature climbs above a preset threshold the cluster is gracefully shutdown.
• NT-EZ RCR Rapid Cluster Recovery/Bare Metal Backup: Run manual cluster backups or schedule backups seamlessly. This not only backs up the cluster data, but also backs up an image of both the data and the OS. In the event of a disaster the whole cluster software and applications environment can easily be recovered. This adds a level of reliability to our clusters that many competitors don't provide.
• NT-EZ Remote Monitoring & Management: This provides an easy way for our clients to use and

manage complex equipment such as a High Performance Compute Cluster without HPC expertise in-house. This service is provided on either a scheduled basis or an as needed basis. The scheduled service allows us to find and fix small problems before they become disasters. This service is sold in blocks of hours ahead of when the service may be needed.

• NT-EZ Open OnDemand Plus: This delivers a GUI through a browser instead of only a CLI. Use NT-EZ Open OnDemand Plus instead of cryptic file editors and Linux utilities, which are not user friendly. Nor-Tech adapted Open OnDemand Plus to work with Open HPC our most prevalent Open Source cluster management suite.

Nor-Tech is continually evaluating additional areas where they can bring more value to clients—not just HPC but also mobile devices, laptops and desktops. "Everyone says they listen to their clients, but the difference with us is that we don't quit until we have a solution," Olson said.

For more information on Nor-Tech's NT-EZ suite of HPC cluster solutions visit: https://www.nor-tech.com/solutions/nt-ez/.

Nor-Tech is on CRN's list of the top 40 Data Center Infrastructure Providers along with IBM, Oracle, Dell, and Supermicro; and is a cluster builder for 2015 and 2017 Nobel Physics Award-winning projects. Nor-Tech engineers average 20+ years of experience. This strong industry reputation and deep partner relationships also enable the company to be a leading supplier of cost-effective desktops, laptops, tablets and Chromebooks to schools and enterprises. All of Nor-Tech's technology is made by Nor-Tech in Minnesota and supported by Nor-Tech around the world. The company has been in business since 1998 and is headquartered in Burnsville, Minn. just outside of Minneapolis. To contact Nor-Tech call 952-808-1000/toll free: 877-808-1010 or visit http://www.nor-tech.com. Full release at: http://www.nor-tech.com/category/news/. Media Contact: Jeanna Van Rensselar, Smart PR Communications; jeanna@smartprcommunications.com.

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