

# Best Cluster Management Software for Data Science Applications Integrated into Nor-Tech HPC Technology

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MINNEAPOLIS, U.S., May 9, 2019 /COMTEX/ -- **Nor-Tech**, one of the leading HPC technology integrators, just announced they are currently building computers that are optimized with Bright Cluster Manager for Data Science. The company also has the ability to repurpose existing HPC technology for AI/DL using this and other key applications.

Nor-Tech is a Premier Reseller Partner of Bright Computing, a global leader in cluster and cloud infrastructure software. Bright software automates the process of building and managing Linux clusters in data centers, the cloud and at the edge. This technology is easy to deploy and removes the complexity of managing and monitoring HPC clusters.

Bright Cluster Manager for Data Science enables Nor-Tech clients to administer their data science clusters as a single entity, provisioning the hardware, operating system, big data and deep learning software from a single interface. Bright provides everything needed for data scientists to quickly deploy a complete machine learning environment with fast access to ML libraries, frameworks, notebooks and analytics applications.

One of Bright Cluster Manager's most valuable features is its built-in monitoring system. It oversees virtually every aspect of every node, and reports any problems it detects in the software or hardware. The intuitive Bright management interface makes it easy to see and take action on any issue impacting data science cluster performance. Clients can even use Bright software to monitor non-Bright nodes; nodes that were neither provisioned nor managed by Bright.

Bright Edge is a feature of Bright Cluster Manager that allows organizations to deploy and centrally manage computing resources in distributed locations as a single clustered infrastructure, from a single interface.

Bright has certified the use of NVIDIA DGX servers in Bright-managed clusters, making it faster and easier for organizations to realize the massive potential that a cluster of DGX servers can unlock. Bright-managed DGX clusters benefit from all of the functionality of Bright Cluster Manager, from setup and provisioning to monitoring, health-checking and automated updates.

Nor-Tech, a member of the NVIDIA Partner Network (NPN) and a Preferred DGX Partner is one of a small number of companies that are authorized to sell DGX-1 (rackmount) and DGX Station (workstation) in the U.S. Nor-Tech is also in the unique position of having a partnership with ScaleMatrix to sell DDC cooling cabinets; Nor-Tech has a five-year track record of building technology with similar cabinets.

Nor-Tech is one of the only technology providers that can offer a total Bright Cluster Manager/NVIDIA DGX/ScaleMatrix scalable, dynamic-density solution for AI that can reside either in or outside a data center. Bright Cluster Manager has played a key role in the success of many recent Nor-Tech projects--including an existing high performance cluster that was refreshed for a new AI/deep learning project--saving the client a significant amount of time and money.

Nor-Tech Executive Vice President Jeff Olson said, "Our engineers did such an incredible job designing the original technology that we were able to repurpose it for AI using Bright Cluster Manager and other key applications. Bright Cluster Manager is one of the easiest to use solutions especially where there is an existing cluster and the client has some familiarity with managing that type of technology."

Nor-Tech is on CRN's list of the top 40 Data Center Infrastructure Providers along with IBM, Oracle, Dell, and Supermicro. The company is a high performance computer builder for 2015 and 2017 Nobel Physics Award-contending/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 Lenovo desktops, laptops, tablets and Chromebooks to schools and enterprises. All of Nor-Tech's high performance technology is developed by Nor-Tech in Minnesota and supported by Nor-Tech around the world. Nor-Tech holds the following contracts: GSA, University of Wisconsin System, NASA SEWP V. To contact Nor-Tech call 952-808-1000/toll free: 877-808-1010 or visit <https://www.nor-tech.com>. Full release at: <https://www.nor-tech.com/category/news/>. For media inquiries, contact Jeanna Van Rensselaar at Smart PR Communications; [jeanna@smartprcommunications.com](mailto:jeanna@smartprcommunications.com) 630-363-8081.