



## Press Release: Public Evaluation Report Leads DICE to Adopt Bright Cluster Manager for Internal Use

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Public Evaluation Report Leads DICE to Adopt Bright Cluster Manager for Internal Use

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*Independent test and evaluation organization DICE certifies Bright Cluster Manager, then uses it.*

*Bright Cluster Manager™ has been selected for internal use by the team driving the Data Intensive Computing Environment (DICE) program. They have also installed Bright Cluster*

*Manager at the DICE environment site located at Wright-Patterson Air Force Base.*

San Jose, CA (PRWEB) January 31, 2011

Bright Computing, a leader in cluster management software for high-performance computing (HPC), announced that Bright Cluster Manager™ has been selected for internal use by the team driving the Data Intensive Computing Environment (DICE) program. DICE is the HPC research division of the non-profit research corporation Avetec. The DICE team, engaged to perform an independent evaluation of the product, realized that Bright Cluster Manager would greatly streamline and improve their ability to manage their internal test clusters.

Further, Avetec has now installed Bright Cluster Manager at the DICE environment site located at Wright-Patterson Air Force Base.

"Developed to meet the increasing demands of today's HPC data centers, Bright Cluster Manager provides the capacity, scalability and interoperability to centrally manage clusters over locally and widely distributed and heterogeneous HPC infrastructures," said Roger Panton, Executive Director of the DICE program.

Other findings from the DICE evaluation include:

- "Bright Computing has developed a solution to accomplish HPC system administration with a single system view."
- "Installation was straightforward and problem-free; our test cluster was up and running in a very short period of time."
- "The GUI is intuitive. The CMSH is a robust CLI interface that can be used for situations that require scripting."
- "Bright makes it simple for administrators since it supports using regular Linux tools and commands to make the modifications."
- "The DICE team tested several MPI implementations with success."

"The software successfully managed the test compute clusters during our in-depth evaluation," Mr. Panton continued. "While preparing our independent report, we recognized the benefits of using Bright Cluster Manager in-house and for our partners."

### About DICE

The DICE (Data Intensive Computing Environment) program is Avetec's High Performance Computing (HPC) Research Division located in Springfield, Ohio. Avetec is a non-profit research organization that is focused on using virtual testing environments using modeling, simulation and testing to advance American companies' competitiveness. DICE is a trusted source for independent HPC and IT technology testing, evaluation, optimization and research. Both end-users and vendors rely on its unique, geographically distributed test environment to ensure that products and technologies meet promised capabilities, standards and specifications – in short, that products function as specified.

### About Bright Computing

Bright Computing is a specialist in cluster management software and services for high-performance computing (HPC). Its flagship product – Bright Cluster Manager – with its intuitive graphical user interface and powerful cluster management shell, makes clusters of any size easy to install, use and manage, including systems combining Intel/AMD processors with GPGPU technology. Bright's minimal footprint enables HPC systems to be utilized to their maximum potential, from departmental clusters to large-scale systems. Bright Cluster Manager is the management solution of choice for many research institutes, universities, and companies across the world, including several TOP500 installations. Bright Cluster Manager is an official Intel Cluster Ready component and fully complies with the Intel® Cluster Ready specification. <http://www.brightcomputing.com>

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For the original version on PRWeb visit: <http://www.prweb.com/releases/prweb2011/01/prweb5016164.htm>

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