October 05, 2010

Team Will Demonstrate Encrypted Data Movement Between HPC Clusters at SC10

Avetec's DICE Program Sandbox proposal accepted for Supercomputing 2010

SPRINGFIELD, Ohio, Oct. 5 -- Avetec's Data Intensive Computing Environment (DICE), along with its partner, Obsidian Strategics, the makers of the Longbow InfiniBand range-extension, routing and encryption products, will conduct a Sandbox (System Area Network Demonstration) of encrypted data movement between high performance computing clusters during the November Supercomputing 2010 Conference (SC10) in New Orleans.

"The Sandbox demonstration will show how Longbow products enable a typically short-reach high performance computing network to efficiently connect over significantly longer distances," said Tracey Wilson, DICE program manager.

"The DICE Program's role in the execution of this project is to embed Longbows in our geographically dispersed, real-world test bed," he said. "We are currently characterizing the encryption capability of the Longbow E Series at local and remote sites. The DICE Sandbox demonstration at SC10 will provide the high performance computing community with a network architecture verifying that InfiniBand is not only scalable but can be easily extended over campus, metropolitan and global distances."

On its 23rd year, SC10 is a conference parading the world's newest and most innovative technological and scientific advancements. SC10 will provide exhibitions from international participants revealing research done through governmental, academic and industry organizations November 13 through November 19 in New Orleans this year.

About DICE

DICE independently evaluates hardware and software solutions for enterprise and government with the goal of helping organizations save critical resources and time. DICE can help organizations in high performance computing and IT focus their resources on technology investments for critical challenges; optimize quality, performance and functionality; correct issues before deployment, reduce risk and cost, test alternatives prior to launch; enhance product and technology validity and marketability; and accelerate product release. For additional information on the DICE program, visit **diceprogram.org**.

Source: Avetec

Find this article at:
http://www.hpcwire.com/offthewire/Team-Will-Demonstrate-Encrypted-Data-Movement-Between-HPC-Clusters-at-SC10-104357774.html