Rugged Blade System Delivers High-Performance Computing in Harsh Environments during Empire Challenge 10

According to a report issued recently, evidence from evaluation exercises conducted during Empire Challenge 10 (EC 10), affirms Tracewell Systems new Rugged Blade System's ability to perform in harsh environments; offering a solution to the U.S. Department of Defense's need for highly ruggedized and configurable data centers to manage the military's demand for high-performance computing. The evaluation exercises were led by the Space and Naval Warfare (SPAWAR) Systems Center Atlantic (SSC-LANT).

EC 10 is a multinational intelligence, surveillance and reconnaissance (ISR) demonstration designed to showcase the role of technology in improving military strategy, interagency coordination and military decision making. According to the after-action EC 10 report, "Throughout the exercise, the RBS performed to specification, even when subjected to high temperatures due to a lack of air conditioning (A/C)." The report concluded, "The Tracewell RBS chassis and IBM blades, despite high temperatures and less than optimal work conditions, provided a high level of service."

The Rugged Blade System meets a wide range of stringent MIL-SPEC requirements set forth by the U.S. Department of Defense, providing improved performance for forward deployment of COTS servers used in critical military applications.

Based on IBM's commercial off-the-shelf (COTS) blade server technology in a form-factor engineered package designed for MIL-SPEC requirements, Tracewell's Rugged Blade System addresses the Department of Defense's core technology challenges – namely: Consistent performance; Flexibility; and Consolidation.

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