Press Release

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X-ES Develops 46 CPU-Node Data Center Blade for Cray targeting Intel Core i7 Processors

Middleton, WI – June 30, 2011 – Under contract to Cray Inc., Extreme Engineering Solutions, Inc. (X-ES) developed and delivered a prototype next-generation data center blade consisting of forty-six Intel Core i7 processor cards. Cray's Custom Engineering group designed the system infrastructure that combines super efficient power delivery, high-density packaging, and innovative cooling technologies. With the design in place, Cray turned to Extreme Engineering Solutions, Inc. (X-ES) to develop the blade hardware.

The objective of this technology development initiative was to design a supercomputing architecture that dramatically lowers the total cost of ownership for data centers. This solution is intended to significantly reduce facility, power, and hardware costs.

"We chose X-ES as our partner to build this prototype blade hardware because of their proven ability to deliver Intel Core i7 processor designs, willingness to implement our custom design, and ability to meet our schedule," states Dave Kiefer, VP of Business Development at Cray. "Choosing X-ES allowed us to complete our development on time and achieve customer acceptance."

"Cray leveraged their supercomputing expertise into this prototype design," states Bret Farnum, VP of Sales and Marketing, X-ES. "They based the system's power delivery design on leading edge power delivery technology and utilized their high-velocity air cooling to cool this densely packaged system."

About X-ES — Extreme Engineering Solutions, Inc. (X-ES) designs and builds chassis, single-board computers, I/O, power, backplane, and system-level products within the embedded computer industry. X-ES offers cutting-edge performance and flexibility in design, plus an unparalleled level of customer support and service. For further information on X-ES products or services, please visit our website: www.xes-inc.com or call (608) 833-1155.