



Nexsan Unity™ Delivers in Support of Atmospheric Radiation Measurement Program

Innovative Department of Energy Funded Program Advances Climate Science

Campbell, Calif. – Sept 12, 2017 – Nexsan, a global leader in unified storage systems, today announced that Argonne National Laboratory has selected and successfully deployed Nexsan Unity™ in support of the Atmospheric Radiation Measurement Program (www.arm.gov). Several Unity systems with a total combined capacity of over 1 petabyte are deployed in environmentally challenging locations, from ships to generator-powered data centers in remote corners of the world, collecting valuable climatological data for the U.S. Department of Energy. Nexsan Unity has proven to be stable and reliable in unpredictable environments, delivered density and capacity in tight spots, and gives the performance required at a value no other vendors could approach.

Located in Argonne, IL, Argonne National Laboratory is a multi-disciplinary science and engineering research center with research divisions and national scientific user facilities that collaborate with scientists around the world to explore, understand, and better the world we live in. The Atmospheric Radiation Measurement Climate Research Facility is a Department of Energy funded program that operates climate measurement sites around the world, measuring all types of climate information, including wind, soil, cloud physics, and precipitation.

ARM facilities are in remote areas of the world and frequently have inhospitable conditions. Sites such as sea containers or remote locations are powered by generator and subject to power outages, dirty power, extensive vibrations, and temperature fluctuations. All systems deployed must be able to stay online in these adverse conditions while collecting data at a rate from 4K to 4GB per hour from a variety of climate instruments. After experimenting with home-grown storage systems and considering a variety of vendors, Argonne selected Nexsan to meet their requirements, and subsequently deployed Nexsan systems in 7 locations. Nexsan systems proved up to the challenge, with performance exceeding expectations, ability to meet limited space requirements, highly stable systems in the most extreme environments and the best value of all competing systems.

“Nexsan devices meet our needs in the field. We have never had an instance with Nexsan that caused serious failure or downtime,” said Cory Stuart, ARM Site Data System and Cyber Security Manager.

“ARM is a critically important research project that is contributing to our understanding of climate science,” said Gary Watson, Founder and CTO, Nexsan. “We are proud that our Unity systems meet their challenging requirements and have proven so reliable in difficult environments.”

About Nexsan

Nexsan™ is leading the way in redefining unified storage. The company has been at the forefront in developing world-class storage technologies that are focused on the critical needs of our customers. Nexsan Unity™ is one of the first enterprise-class unified storage solutions to incorporate secure file sync and share in a single platform. Nexsan Assureon™ delivers secure archive storage for the most compliant of industries and our renowned E-Series is the storage backbone of many data centres around the world due to its high performance, reliable, high density storage. Nexsan is headquartered in Campbell, CA. For more information, please visit: www.nexsan.com.

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