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## **AOL's Micro-Modular Data Center, Designed by Elliptical Mobile Solutions, Withstands Hurricane Sandy**

**Micro-Modular Data Centers(TM) provide a hardened infrastructure to protect IT equipment from dirt, dust, wind, rain, sleet and snow**

CHANDLER, Ariz., Nov. 26, 2012 (GLOBE NEWSWIRE) -- As Hurricane Sandy rolled into the Eastern Seaboard, Elliptical Mobile Solutions R.A.S.E.R. DX, purchased by AOL, sat on a concrete slab outside its data center in Dulles, VA, running at full production, impervious to the elements.

While the conditions in Dulles were nowhere near the severity of the conditions that impacted New Jersey and New York, problems experienced by data centers there could have been mitigated or completely eliminated using Elliptical Mobile Solutions (EMS) Micro-Modular Data Center platform.

"The R.A.S.E.R. DX performed wonderfully through Hurricane Sandy," said Scott Killian, Senior Tech Director, Data Center Services at AOL. "We experienced no hardware issues or alerts from our NOC, nor did we find any issues with the unit leaking."

"We've created a mobile data center that stands up to the stress of the outdoors and delivers high performance at the same time," said Tony Cole, CEO of EMS. "Our Micro-Modular Data Centers offer the most viable and versatile solution on the market today."

EMS is the only company in the world to build Micro-Modular Data Centers (MMDCs) with onboard server racks, closed looped cooling, adaptive suspension, security and fire suppression. These enclosures fully replicate the benefits of traditional data centers and containerized data centers while offering dramatic capital, operational and energy savings.

The 24U C3-S.P.E.A.R. comes with a standard NEMA 12/IP52 environmental package to protect against dust and debris. It also offers a NEMA 4 option, which protects equipment from a wide range of demanding conditions such as dirt, windblown dust, rain, ice, sleet and snow. The R.A.S.E.R. DX and R.A.S.E.R. HD offer standard NEMA 3R/IP14 and NEMA 4/IP56 configurations.

"Our Micro-Modular Data Centers can operate indoors or outdoors with the only requirements being network and power connectivity," Cole said. "This provides tremendous flexibility, reliability and durability in a 24U and a 42U form factor."

MMDCs come equipped with EMS's patented adaptive suspension to protect rack-mounted equipment from vibration, motion and shock. The mobile C3-S.P.E.A.R. offers power assisted mobility allowing one person to move up to 1,000 pounds of rack-mounted equipment at the push of a button. All of EMS's products can be moved with a pallet jack.

Because MMDCs cool equipment at the rack level -- rather than having to cool the entire room -- energy consumption is dramatically reduced. While the R.A.S.E.R. would have required a generator when power was lost during the hurricane, it would have greatly reduced the need for the large amounts of fuel the other data centers required.

Elliptical Mobile Solutions' partner Private Cloud Sales is offering another solution to assist people whose data centers were damaged during the hurricane or those who are considering relocating to a new location.

The firm provides a complete self-contained office solution including data center (Elliptical MMDC based), audio components and paging, VoIP phone systems, physical and video security /monitoring systems.

"For the businesses with water damaged equipment, we can offer them the needed updates at or very close to cost," said Bob Folline, VP Engineering for Private Cloud Sales. "If the computer room has been damaged it may be time for an upgrade. For the cost of repairs you can move to our self-contained data centers and reap the benefits of having an ultra-efficient and disaster tolerant data center." <http://www.privatecloudsales.com>

ABOUT EMS: Since its founding in 2005, Elliptical Mobile Solutions has reinvented the data center industry using cost-effectiveness, energy efficiency and high availability as its guiding principles. Today, EMS has MMDCs in the United States, Canada, England, Korea, Vietnam, India, Malaysia, Japan, Singapore and South Africa.

For information visit: [www.EllipticalMobileSolutions.com](http://www.EllipticalMobileSolutions.com)

The Elliptical Mobile Solutions logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=6944>

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