



**Press Release  
FOR IMMEDIATE RELEASE**

**SMART Modular Technologies Delivers Industry's First SAS Solid-State  
Drive with Enterprise-Grade Multi-Level Cell Technology**

*The cost-effective XceedIOPS SAS solid-state drive provides industry-leading endurance, reliability, and capacity for enterprise storage applications.*

NEWARK, CA, August 17, 2010 - SMART Modular Technologies (WWH), Inc. ("SMART" or the "Company") (NASDAQ: SMOD), a leading independent manufacturer of memory modules and solid-state storage products, today announced the XceedIOPS SAS SSD, the industry's first serial-attached SCSI (SAS) solid-state drive (SSD) equipped with enterprise-grade multi-level cell (E-MLC) NAND flash technology. The 2.5" XceedIOPS SAS SSD is the third product in SMART's family of enterprise-class XceedIOPS SSDs, which also includes the 1.8" and 2.5" XceedIOPS SATA products.

SMART's new XceedIOPS SAS SSD delivers superior endurance in enterprise environments due to the unique use of the latest 34nm E-MLC NAND flash technology. Specified endurance for E-MLC flash is 30,000 program/erase (P/E) cycles, whereas competing commercial MLC (C-MLC) technologies typically demonstrate only 1,500 to 5,000 P/E cycles. Endurance is further enhanced by a highly sophisticated wear leveling algorithm combined with advanced data management hardware, delivering the industry's lowest levels of write amplification while also significantly boosting performance. As a result, the SMART XceedIOPS SAS SSD family of products will deliver a minimum of five years of operational life in environments that write up to 10x the device's total data capacity per day.

Specifically optimized for high-performance enterprise storage and server systems, the XceedIOPS SAS SSD achieves up to 26,000/20,000 IOPS random read/write and 250/230 MB/s sustained read/write. Available in 100, 200, and 400 GB capacities, the new XceedIOPS SAS SSD offers high reliability and data integrity due to extensive error-correction and detection capabilities, multi-level data-path and code protection, data-fail recovery, and data-integrity monitoring. Designed to fit the restricted power envelope of enterprise storage environments, the XceedIOPS SAS SSD incorporates staggered power-on support. In addition, the new XceedIOPS SAS SSD supports long data sector (LDS), which allows host transfer sizes of 512, 520, and 528 bytes.

"Our XceedIOPS product family is optimized for the most intensive server and enterprise storage systems, and the new XceedIOPS SAS SSD is a natural extension of this family, combining high endurance, high performance, high reliability, and low power consumption," said John Scaramuzzo, SMART's Senior Vice President and General Manager, Storage Business Unit. "Because of its exceptional level of performance, SMART's newest SSD allows enterprise customers to replace multiple hard disk drives, realizing substantial power and footprint savings while radically boosting application performance."

The XceedIOPS SAS SSD is currently sampling to strategic customers.

SMART will showcase its complete line of Xceed SSD products in booth #305 at the Flash Memory Summit (Santa Clara Convention Center, Santa Clara, CA) from August 17 – 19, 2010. For additional information regarding SMART's SSD products, visit [www.smartm.com](http://www.smartm.com).

#### About SMART

SMART is a leading independent designer, manufacturer and supplier of electronic subsystems to original equipment manufacturers, or OEMs. SMART offers standard and custom products to OEMs engaged in the computer, enterprise, industrial, networking, aerospace, defense, and telecommunications markets. Taking innovations from the design stage through manufacturing and delivery, SMART has developed a comprehensive memory product line that includes DRAM, and Flash memory in various form factors. SMART also offers high performance, high capacity SSDs for enterprise, defense, aerospace, industrial automation, medical, and transportation markets. SMART's presence in the U.S., Europe, Asia, and Latin America enables it to provide its customers with proven expertise in international logistics, asset management, and supply-chain management worldwide. See [www.smartm.com](http://www.smartm.com) for more information.

#### Forward-Looking Statements

Statements contained in this press release, that are not statements of historical fact, including any statements that use the words "will," "believes," "anticipates," "project," "estimates," "expects," "intends" or similar words that describe the Company's or its management's future plans, objectives, or goals, are "forward-looking statements" and are made pursuant to the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include those related to the Company's business strategies and product plans, customer's actual costs savings and application performance and the market for the Company's products.

Such forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause the actual results of the Company to be materially different from the historical results and/or from any future results or outcomes expressed or implied by such forward-looking statements. Factors that would cause or contribute to such differences include, but are not limited to, design, production or manufacturing difficulties, competitive factors, failure to meet protocols or MIL qualification, new products and technological changes, fluctuations in product prices as well as raw material costs and availability, dependence upon third-party vendors (including the performance of their products supplied to the Company), customer demand, changes in industry standards or release plans, intellectual property disputes and other risks detailed in the Company's periodic report filings with the Securities and Exchange Commission, including the Company's Annual Report on Form 10-K for the fiscal year ended August 28, 2009 and the Company's Quarterly Report on Form 10-Q for the fiscal quarter ended November 27, 2009. Quarterly Report Form 10-Q for the fiscal quarter ended February 26, 2010 and the Quarterly Report Form 10-Q for the fiscal quarter ended May 28, 2010. Such risk factors as outlined in our periodic report filings and may not constitute all factors that could cause actual results to differ materially from those discussed in any forward-looking statement.

The Company operates in a continually changing business environment and new factors emerge from time to time. The Company cannot predict such factors, nor can it assess the impact, if any, from such factors on the Company or its results. Accordingly, our

future results may differ materially from projections and investors are cautioned not to place undue reliance on any forward-looking statements. Forward-looking statements should not be relied upon as a prediction of actual results. These forward-looking statements are made as of today, and the Company does not currently intend, and has no obligation, to revise or update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this press release.

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