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FOR IMMEDIATE RELEASE

SATA-IO Expands Supported Features in Revision 3.3 Specification

SATA continues to grow in functionality and market reach

Beaverton, Ore.—February 16, 2016—The [Serial ATA International Organization \(SATA-IO\)](#), the consortium dedicated to sustaining the quality, integrity and dissemination of the Serial ATA (SATA™) technology, announced publication of the SATA Revision 3.3 Specification and Unified Test Document (UTD) 1.5. The latest SATA specification introduces new features that enable higher capacity, reliability and flexibility for SATA-based products. SATA-IO Members can access the specification [here](#) while non-members can purchase the specification [here](#).

The relentless growth of digital data continues to drive demand for higher capacity, lower-cost storage. Shingled Magnetic Recording (SMR) overlaps HDD tracks to yield a 25 percent capacity increase versus conventional magnetic recording technology. SATA-IO has incorporated SMR support into its new specification.

Additional advancements in the revision 3.3 specification include:

- **Power Disable:** Allows for remote power cycling of SATA drives to help ease maintenance in the data center.
- **Single-Pin Activity Indicator and Spin-Up Control:** An activity indicator and staggered spin-up can be controlled by the same pin, adding flexibility and providing users with more choices.
- **Transmitter Emphasis Specification:** A new transmitter specification increases interoperability and reliability in electrically demanding environments.

“As the organization responsible for an industry standard, SATA-IO understands the need to support an evolving storage market. We believe the revision 3.3 specification provides higher capacity, better reliability and more flexibility to users,” said Knut Grimsrud, SATA-IO president and chairman.

Updated Compliance Testing

SATA-IO also announced availability of the UTD 1.5, the SATA compliance test requirements utilized during Interoperability Workshops and by independent test labs. This document includes mechanical tests for mSATA and SATA M.2, as well as tests for the new Transmitter Emphasis specification.

Additional information on the UTD 1.5 can be found [here](#).

ABOUT SATA-IO

Formed in September 2004, SATA-IO is the International Organization that owns and manages Serial ATA specifications as open industry standards. SATA-IO is dedicated to sustaining the quality, integrity and

dissemination of the SATA technology by maintaining the specifications, promoting and marketing the benefits of the technology and creating future interface features and specifications as industry storage needs evolve. Additional information about the organization, participating companies and membership is available at www.sata-io.org.

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