

## PRESS RELEASE

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### SSD announces Hot Standby - a mirrored dual CompactFlash-based replacement drive for legacy electro-mechanical storage peripherals

- Provides improved resilience and fault-tolerance
- Allows full disk image backups without demounting the drive
- Enables remote management of drive through a dedicated Ethernet port
- Ideally suited to a range of industries and applications using process critical systems including telecommunications, semiconductor manufacturing, industrial process control, engineering and manufacturing, power generation, oil & gas, military & aerospace, flight simulation and post-production



**Reading, UK – 21<sup>st</sup> May 2018.** Solid State Disks Ltd (SSD), the advanced storage systems design, development and integration specialist, has announced Hot Standby, a solid state, CompactFlash-based dual drive for replacing ageing and failed SCSI-based legacy electro-mechanical storage systems including hard disk, magneto optical, tape and floppy drives.

Incorporating twin CompactFlash drives, Hot Standby enables the two CompactFlash (CF) cards to work as a mirrored pair providing increased resilience and fault-tolerance. The Hot Standby drive is presented to the host system as a single logical drive that will continue to operate seamlessly if either of the CF cards fails. This also allows one CF card to be removed or dismounted for backup over the Ethernet port, giving a full disk image backup without dismounting the drive. The hot standby functionality ensures that any previously paired CF card, maintains a log file of the sectors written so that it can be used to quickly re-synchronize with the removed or replaced second card to re-establish a mirrored pair.

For making full image backups, it also includes a remote dismount feature which operates independently from the control of the host system to enable any CF card in a mirrored pair to be taken offline with the minimum of operational interruption to the host. An image can be restored to a CF card either by inserting a backup CF card or writing to a CF card over the Ethernet port.

The Hot Standby drive fully integrates with SSD's FLASH2GUI network software which is used for control and configuration as well as network backup and restore operations.

Hot Standby is ideally suited for use in process critical legacy computer systems where downtime for maintenance and backup causes major disruption and expense. These are found in a range of industries

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including telecommunications, semiconductor manufacturing, industrial process control, engineering and manufacturing, power generation, oil & gas, military & aerospace, flight simulation and post-production.

The Hot Standby drive will be available in 50-pin, 68-pin and 80-pin variants supporting 2.5 inch, 3.5 inch or larger 5.25 inch form factors and operates with CF cards of up to 512GB in capacity.

“The announcement of the Hot Standby drive provides the ability to further future-proof the storage requirements of critical legacy computer systems that otherwise have plenty of life left in them but might have suffered a crucial storage peripherals failure,” said James Hilken, Sales Director of Solid State Disks Ltd. “As well as providing a solid state drop-in replacement for legacy electro-mechanical storage systems, Hot Standby provides the added benefit of greater resilience and fault-tolerance.”

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### **About Solid State Disks**

Solid State Disks Ltd is a division of the Reactive Group, a privately-owned group of companies established in 1989 and specialising in the design, manufacture, sales and support of data storage and networking products. Headquartered in the United Kingdom (Reading) with regional offices in Australia (Sydney) and the USA (Phoenix, Arizona), Solid State Disks designs, manufactures and sells advanced data storage solutions using solid state technologies which provide direct, drop-in replacements for obsolete and ageing legacy electro-mechanical tape, disk and optical computer drives. Its worldwide direct sales operation for these products is supported by a network of distribution partners in Europe, the USA and Asia/Pacific. Solid State Disks also acts as an OEM sales distributor for solid state Flash storage technologies, operating through direct franchise agreements with top-tier manufacturers including APRO, Innodisk, Sandisk (now part of Western Digital), SMART Modular Technologies and Transcend Industrial Product Solutions. For further information, please visit: [www.solidstatedisks.co.uk](http://www.solidstatedisks.co.uk).

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