Solid State Disks LTD

The Industrial Division of the Reactive Group

The Reactive Group. was established in 1989 in the UK and 1995 in Australia.

Both companies are ISO 9001:2000 approved. Accreditation was achieved in the UK during 1993 and in Australia during 1999.

Introduction

Solid State Disks Ltd (SSD) - The Industrial Division of the Reactive Group. We deliver innovative system solutions to defence, commercial, consumer and industrial customers worldwide. SSD specialises in the design, development, integration and supply and customer service. We are a specialist UK flash memory distributor for SanDisk (SSD being OEM UK distributors for M-Systems previously), APRO, Transcend & Smart Modular who are the market leaders of flash disk drive technology and other flash products to the defence, industrial, electronic systems and commercial markets.

Reactive Group's SSD Division applies leading edge technologies and design methodologies to meet the stringent requirements of customised Disk and Tape storage and solutions.

With our untold experience and industry knowledge of over 80 years between us in the Solid State market we at SSD understand your applications and requirements. At SSD we offer you the right solution for the right application every time though consultation and understanding your business.

SanDisk:
The world's largest manufacturer of Flash storage products, SanDisk designs, develops and manufactures flash storage card products for a wide variety of electronic systems and digital devices and also licenses its technology to a number of other industry-leading companies. SSD Ltd offer a wide range of SanDisk Industrial products including OEM memory cards and USB drives, solid state drives, modular flash disks, embedded flash drives and encrypted USB Drives.

Smart:
Smart Modular is a leading independent designer, manufacturer and supplier of Flash based SSD inc SCSI Dives, CF, PC Card, IDE Modules to original equipment manufacturers (OEMs), for electronic systems, ruggedized and custom systems. Their success is derived from a customer-focused approach characterized by a commitment to quality, advanced technical expertise, fast time-to-market, build-to-order flexibility and high quality customer service. When it comes to non-standard and high speed products Smart are the manufacturer of choice.

APRO:
Is a leading and professional manufacturer of Industrial NAND Flash products including CF, PC card, SSD, SD. APRO industrial grade memory cards are manufactured with NAND-SLC flash IC and specifically designed to meet the security, performance, and environmental requirements of significant applications including networking, telecommunications, data-communications, and embedded computing, medical instruments and industrial computing especially if Fixed disk or Fixed BOM is required in your systems. When is comes to Industrial applications SSD recommend APRO Industrial products.

Transcend:
Transcend was founded in 1988. Transcend extensive product portfolio includes over 2,000 memory modules of every type, flash memory cards, USB pen drives, MP3 players, digital photo frames, portable HDDs, multimedia products and accessories. Transcend products are available for proprietary equipment, as well as for mass marketed PCs. Ideal for consumer electronics and digital products.

ecoSSD:
ecoSSD provides extended-life storage solutions using SLC or MLC NAND Flash and 32 bit RISC controllers. Their intellectual property and technology allows them to re-create the functionality of many existing memory devices. ecoSSD has the capability to design drop-in replacements for most end of life Flash based form factors plus custom or proprietary form factors and capacities. Whether it is a standard capacity point or an obsolete or unique value, ecoSSD will allow you to leverage your legacy systems long after you receive an EOL notice. If you are looking to replace EOL products or looking at long life cycles SSD recommends ecoSSD.

Samsung:
Samsung is the largest manufacturer of NAND Flash W/W and produces SD, microSD cards, MoviNAND, oneNAND and NAND Chips and market leading SSD drives. Supplying both MLC & SLC SSD's ideal for server applications.

Stonewood:
Encryption Stonewood is a truly British company. They are based in Dorset & all their products are manufactured here in the UK to the highest possible standard, prove of this is in the fact that they are the only hardware encryption company to achieve TOP SECRET accreditation from CESG. They manufacture both Internal & external encrypted hard drives. The new Eclypt range (the next generation Flagstone) comes with many new & exciting features & the portable freedom drive is the only USB connecting device in the world to be accredited up to TOP SECRET by CESG. When it comes to the best encryption for either public or private companies SSD have no hesitation in recommending the Eclypt range of products.

TMS:
TMS products offer a variety of performance, capacity, configuration, and cost options to accelerate essential applications in industries ranging from financial services, telecommunications, and e-commerce to oil and gas, entertainment, and gaming, as well as governmental and commercial high performance computing environments. TMS RAM SSDs are the World's Fastest Storage®. No other storage products can match the I/Os per second or provide the massive bandwidth a RamSan can provide.

WinMagic:

With a track record of technology innovation, high security and customer service that dates back to 1997, WinMagic is in the business of data security. This is their only focus, unlike other technology companies that diversify their interests WinMagic focus purely on encryption & strive to be the best in that arena. The SecureDoc suite of data security solutions gives you the ability to control and protect sensitive data.

The full disk or removable media only solutions are totally centrally managed through active directory & include many unique & intuitive features. SSD are happy to recommend the WinMagic range of products.

SCSI Emulators:

UK designed and built allows CF Cards up to 16GB to attach to the SCSI bus. It is seen as a SCSI drive by the host. SCSI Drive emulations include SASI, SCSI-1, or SCSI-2 drives, Magneto Optic (Fujitsu, Ricoh) ZIP / JAZ, QIC Tape, Bernoulli, Rosemount RS3 Tape and Disk, IBM 3590, The SCSIBRIGE can be programmed to emulate any SCSI device fixed or removable products, and can be programmed to suit the host systems requirement. The CFSCSI product has also been modified to emulate ½" (half inch) PERTEC interface tape drive. The ideal solution for replacing EOL drives.

Arraid:

Reactive's Tiger group is recognised as a leader in the field of upgrading data storage for mid-size, legacy computer systems. Because the storage drive unit is typically the least reliable element, Reactive's products and systems can prolong the life of aging computer systems. Our products are used extensively in flight simulators, telephone logging computers, automatic test equipment (ATE), pre-press publishing systems, power utility and SCADA and most other systems that have incurred a large investment in special hardware and unique, non-portable software. A specialist solution for the emulation of legacy tape & disk requirements.

Coraid / Dot Hill:

SSD supply and support several Mass Storage solutions, we chose the CORAID and DotHill product lines as they fulfill our philosophy to always sell "best of breed".

The **Dot Hill** products are the most powerful, reliable, flexible, and scalable in the storage industry today, markets covered range from the Telco to Defence with the NEBS Level 3 and Mil Std 810f products.

The **CORAID** EtherDrive family of SAN products are built upon the ATA-over-Ethernet (AoE), an open storage area network protocol. Designed for simple high performance access of SATA storage devices over Ethernet networks AoE is the simplest possible way of sharing a disk drive through the network.

Manufacturer	CF	CF	MicroSD	PC Card	SSD SATA	SSD PATA	Embedded USB	IDE Module	SCSI CF2	USB
SanDisk	X	X	X							X
Smart Modular	X*	X*		X	X*	X*	X	X*	X*	
APRO	X*	X*		X*	X*	X*		X*		X
Transcend	X	X	X		X	X		X		X
ecoSSD	X*			X*	X*	X*				
Samsung		X	X		X					
Stonewood										
TMS										
SSD									X	
WinMagic										

* Industrial Temp Versions also offered.

Manufacturer	Encrypted USB	Encrypted Hard Disk Drive	Software Encryption
SanDisk	X		
Smart Modular			
APRO			
Transcend			
ecoSSD			
Samsung			
Stonewood	X	X	
TMS			X
SSD			
WinMagic			