



Peripheral Vision (Technology) Ltd
Unit 4, Zephyr House
Calleva Park
Aldermaston
RG7 8JN
UK
Tel: +44 (0) 118 982 0432

**Using the PV Flash disk and tape products in
Siemens EWSD Telephone Exchange Switching
applications**



Peripheral Vision Tech LTD (PV) (Reading UK), have developed a Solid State Disk drive, Magneto Optic (MO) and Tape drive with emulation capability aimed at ageing drives in Legacy Telco systems. This is a SCSI tape or SCSI disk drive with no moving parts in a 3.5" form factor.

The EWSD Duplex disks MD0 & MD1 - can be replaced with SCSI CF disks. Also in the EWSD Version 9.0 the HP2940A disks can be replaced, by these solid state versions. Hardware versions CP113C and CP113D can be accommodated.

Also the following drives used in EWSD Switches can be replaced..

Seagate Barracuda disks
HP2940A disks
Sony MO drive SMO-F551
HP87188 tape drive
Pertec tape drive

Data is stored on an industry standard Compact Flash (CF) card, which can be easily removed, and treated as a replacement for the tape cartridge. The CF data can then be copied to a Windows PC for backup and email purposes.

- SCSI solid state tape drive that uses an industry standard Compact Flash (CF Card) as its storage.
- The 3.5" form factor. It requires 5V only which is supplied via a standard disk power connector.
- Standard SCSI2 interface. SCSI2 transfer rates of (up to) 10 Mbytes/sec.
- Capacities only limited by current CF cards (currently 64 GB)

- No moving parts. Overcome the reliability problems of ageing tape drives and hard disks.
- The SCSI Flash Disk can be configured to emulate & replace those hard-to-find SCSI tape drives disks, MO drives, or Floppy drives for legacy systems.
- Data is stored on a Compact Flash which can be easily removed. The CF card can then be plugged into a PC and the data archived.
- Low Power, 5V only less than 400Ma.



The Unit is available in a number of form factors, including desktop enclosures.

PV aim the product as a low-cost way to give extra life for Legacy Hosts which would otherwise need to use unreliable second-hand disks. Telco host applications include Avaya, Ericsson AX10 , Fujitsu Fetex, Coral and 9600 series,

ITT, NEC Neax, Nortel DMS, North Electric, NTT, ROLM, Sagem, Samsung telecommunications, Siemens EWSD, Stromburg Carlson DCO, Tropico, Western Electric

Peripheral Vision's FlashTape and can be configured to replace those hard-to-find SCSI tape drives for legacy systems. Such drives include 9-track, 3480/3490, QIC, 8mm, DAT drives compatible with all the Telcoms platforms, or DLT drives. In these older systems the continual tape repositioning within the drive (*shoe-shining*), shortens the life of the mechanics of the drive, and also leads to constant clogging of the tape head gaps from tape debris. The FlashTape overcomes this issue- as it has **no moving parts**.

Current Fixed disk Emulations:

Conner CP30170E,
 Fujitsu M2512A, M2266SA, M2516S, M1606S-256
 Hitachi DK515C, Hitachi DK516C, Maxtor XT-8760
 Maxtor 7345S Maxtor LXT-535SY Quantum Atlas
 Quantum Atlas, Fireball, Maverick
 Seagate ST15230N, ST3390N, ST5660N, ST32272WC, ST4350N
 Seagate ST3283N, ST31051, ST52160N, ST34520N, ST32272N
 Seagate ST31200N, ST4350N, ST32151N, ST39173, ST34371
 DEC RZ23,RZ28
 HP 2490A C2247-300, C2490A-001

Current Removable, Floppy and MO emulations

Fujitsu MCE3064SS, MCR3230SS
 IOMEGA ZIP, JAZ
 Maxoptix T6-5200,
 Ricoh RO-5030E,
 Sony SMO C301, SMO-F551, SMO-F541
 Konica OMD-19060
 DEC RWZ01, Teac FC-1