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Using the PV Flash disk and tape products in Telco Switching applications



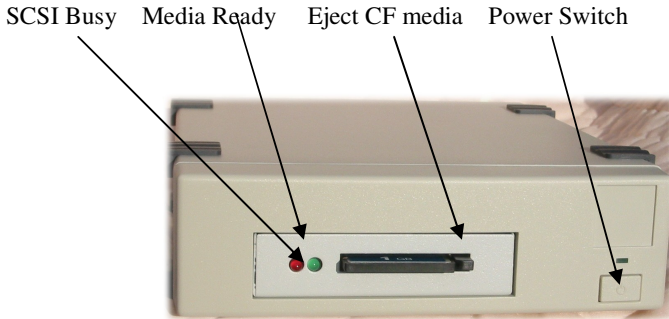
Peripheral Vision Tech LTD (PV) (Reading UK), have developed a Solid State Disk drive, Magneto Optic (MO) and Tape drive with emulation capability aimed at ageing drives in Legacy Telco systems. This is a SCSI tape or SCSI disk drive with no moving parts in a 3.5" form factor. It can be configured with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

- **Siemens EWSD** (MTD)- HP88781AA SCSI or HP Pertec drives depending on the age of the EWSD rack. Duplex disks MD0 & MD1 duplex disk drives - can be replaced with SCASICFdisks. Also the HP2940A for EWSD Switching V.9
- **Fujitsu Fetex 150**- Fujitsu SCSI drive emulation
- **NEC NEAX 61E and Sigma** - FlashTape emulating a SCSI DAT and other drives.
- **ERICSSON AXE10** SCSI drives
- **TELEBRAS TROPICO** SCSI tape drives
- **NORTEL DMS10** SCSI disk & tape emulation
- **STROMBERG-CARLESON DCO** - FlashTape emulating a Sony SDT-11000 SCSI DAT drive.
- **NTT** - SCSI disk & tape emulation.

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 then copied to a Windows PC for backup purposes.

SCSI 2 transfer rates are (up to) 10 Mbytes/sec, and disk capacities only limited by current CF cards (up to 32 GB as of 2008)



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, Tropicco, 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