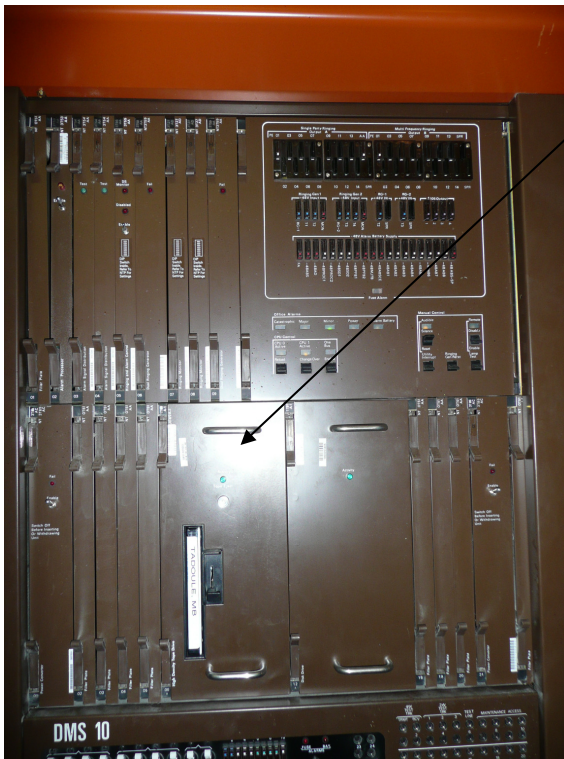![Peripheral Vision logo]

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Using the PV Flash disk and tape products in Nortel DMS10 Telco 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 the DMS10 and other legacy Telco systems. This is a SCSI tape or SCSI disk drive with no moving parts in a 3.5" or 5.25" form factor.

The unit can be used to replace the QIC HP DAT drive in the Nortel DMS10 rack. This is part NTJ1T69A-1.

The SCSI Disk drive can also be replaced with the PV SCSICFDisk.

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 as a SCSI disk or SCSI tape 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 and 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.**