

Oak Systems' PARANOIA2 addresses the need major organisations have for **total** data security, by encrypting data before it is written to the tape device during the backup process.

Once encrypted, only a Paranoia2 having exactly the same hardware and software encryption keys can read the data. This places the user in complete control, at a time when data is becoming more portable and security is becoming a sensitive issue.



The custom-built cabinets, which can be rack-mounted if required, are built to the highest standards and carry the CE mark.

Key factors in the reliability of the PARANOIA2 are the powerful fans which keep the electronics cool in a spacious enclosure, all driven by a power supply of high specification.

#### **EASY TO CONNECT**

PARANOIA2 is simply cabled in between the host system and the tape device.

#### **EASY TO CONFIGURE**

GUI software is supplied for input of the user's software encryption key and encryption options.

#### **TOTALLY SECURE**

Each unit has a dual encryption key: half of the key is in the code chip when delivered, the other half is entered by the user via the GUI at installation time.

A spare code chip is supplied with each unit.

#### **ENCRYPTION METHOD**

Dual interlaced DES and DES 3

#### **FAST OPERATION**

PARANOIA2 is capable of transferring data at 80mbps, so there will be no degradation in backup speed during the encryption process.

#### **HOST AND DRIVE INDEPENDENT**

The unit can be attached to any system having a fast and wide SCSI interface. Tape technologies currently supported are IBM 3590, LTO, DLT, Super DLT and Sony AIT. Others will be available as and when needed.

#### **TOTAL SOLUTIONS AND SUPPORT**

Oak Systems supply a total solution, including installation and training, user manual and cables.

Full on-site maintenance is provided as part of our total support package for Paranoia2 users.

<b>Host systems supported</b>	Any system supporting tape drives via a SCSI interface.		
<b>Dimensions</b>	Height	3½"	9cm
	Width	12"	31cm
	Depth	18"	46cm
<b>Internal interface</b>	Differential SCSI III, with optional single-ended converter card.		
<b>Encryption controller</b>	Proprietary, with encryption firmware.		
<b>Encryption modes</b>	ECB	Single or triple key	8 or 24 characters
	CBC	Single or triple key	16 or 32 characters
	OFB	Single or triple key	16 or 32 characters
	CFB	Single or triple key	16 or 32 characters
	Dual interlaced DES and DES 3.		
<b>Drive types supported</b>	DLT, Super DLT, IBM 3590, LTO and Sony AIT2 and libraries.		
<b>Transfer speed</b>	80mbps maximum.		
<b>Termination</b>	External, differential 68 way micro D male.		
<b>MTBF</b>	100,000 hours.		
<b>Data cable</b>	68 way male micro D at the bulkhead.		
<b>Power cord</b>	As per country requirement.		
<b>Power supply</b>	110/250V, 50/60Hz, 2amps.		
<b>GUI facilities</b>	Enter password, encryption keys, encryption mode and display text.		

These details are correct at the time of production, but are liable to change and do not form part of any contract.