

SecureCopy3

Archive Encryption System



The SecureCopy3 system offers a fast, efficient and straightforward means of converting an existing stock of unencrypted archive tapes to a secure archive without the need for any system connection. SecureCopy3 allows existing and new users of the Paranoia3 products to rapidly meet their compliance and audit needs.



FEATURES

- Simple high speed off line secure copy solution
- Encryption to AES 256 standard
- Secure your archive tapes in situ; no host required
- Available with or without drives
- Management via supplied PC
- Copy and Copy & Verify and Verify only options
- Can also do unencrypted copy
- Compatible with Paranoia3[®] SCSI and FC units



THE CIAS OF REMOVABLE STORAGE SECURITY

The problems that need to be solved by any removable storage encryption products are the same. The device must ensure that the information remains confidential and is only available to those who are authorised, the integrity of the data must be confirmed, the data must be easily available when required by those authorised people and it must be simple to understand and utilise.



DATA AT RISK

When looking at the threat assessment for information security there are a number of different points, some common to most areas and some specific to particular industries and sectors.

Information has become the core asset of many businesses and with the continued growth of reliance on IT systems this becomes more true for a growing number of businesses. Security has become a big issue but still many people are focusing only on internet access and the communication side of security and issues of access control.

Press reports are however covering a more basic problem, data theft and fraud by 'trusted' members of staff. Some of these reports show clearly that the staff member was 'taking revenge' after being disciplined, or passed over for promotion. Others have been where staff considered that they had a legitimate ownership of the information as they had been involved in building up the database so take it to help in their next company!

Whatever the reason the damage can be catastrophic to a company, its reputation and its share price! Looking through the press, or on the web it is easy to find examples of financial institutions in trouble for hiding untaxed deposits, petrochemical companies covering up environmental damage, or medical records becoming available to the general public.

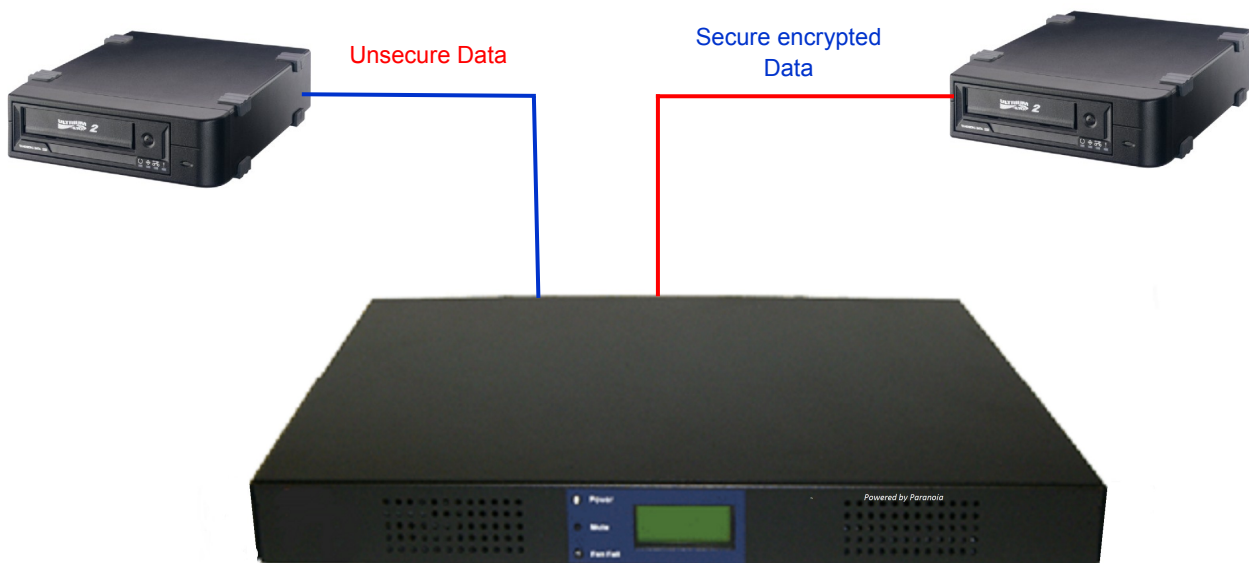
CONFIGURATION

The SecureCopy3 offers a complete stand alone solution to allow users a simple and fast way to convert an archive of tapes including SDLT, LTO-3, LTO-4 tapes to be converted to secure encrypted tapes. Designed to be fully compatible with the Paranoia3 units this unit allows tapes stored in an off site vault to be converted in situ rather than taking the risk of transporting unencrypted tapes.

It can also be used to convert between different types of media, i.e. connect a SDLT as input and LTO4 as output to enable a complete refresh of media to encrypted tapes.

The SecureCopy3 system does not require any configuration to handle different formats of tape media from varying software packages and simply converts block for block as well as handling the encryption and compression.

For ease of use the source tapes must be write protected before the copy is enabled, ensuring a simple operation without the chance of accidentally overwriting the source tape.



The SecureCopy3 comes complete with all necessary configuration software and simplifies and controls the operation as well as offering certain audit trails to be printed. The design ensures that only write protected tapes are considered as the source and only encrypted tapes can be written unless it is specifically overruled to allow direct copies to be made.

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SPECIFICATIONS

SCSI LVD Unit Specification	
Encryption	AES 128, 192 and 256
Host bus	160 MB/sec
Tape Bus	160 MB/sec
Tape connectors	2 x 68 way Micro D
Max Data Rate	160 MB/sec
Serial	9 way D type, 38400 baud
Nominal input voltage	90 to 264 VAC, universal
Input line frequency	47 to 63 Hz
Operating temperature	0° to 55°C (32° to 131°F)
Relative humidity	5% to 95% non-condensing
Size	230 x 125 x 320 mm
Weight	TBA

Models

Part Number	Description
F-C3-LVD-RMSCS1	SecureCopy3 with LVD SCSI Interfaces in rack mount / desk top enclosure.

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