

# SecureCopy3 FC

## Archive Encryption



### Backup Media Encryption

The SecureCopy3 Fibre Channel unit is an encryption appliance, used to convert your existing pool of media to a secure encrypted state.

### Simplicity

The SecureCopy3 Fibre Channel Unit is based on the Paranoia3 design of being simple to configure, manage and use.

### Compliance

Meet audit requirements without tying up expensive system resources and time.

### Product Overview

- Offline Archive Encryption
- Encrypted Tape Duplication
- AES 128, 192 or 256 Encryption
- Compatible with Paranoia3 units
- Simple operation, via supplied PC
- Copy, Copy & Verify and Verify functions
- Supports all major tape manufacturers fibre channel interfaced tape drives and libraries

The SecureCopy3 Fibre Channel unit system offers a fast, efficient and straightforward means of duplicating, bit for bit, an existing stock of unencrypted archive tapes to a secure archive, without the need for any host connection.

The SecureCopy3 Fibre Channel unit delivers a complete stand-alone solution, and is fully compatible with the Paranoia3 units, allowing tapes stored in an off-site vault to be converted in-situ, rather than taking the risk of transporting unsecured data to the data centre.

Designed to work with any make of Fibre Channel interfaced tape drive or library, the unit also allows tapes of different formats to be copied, i.e. 3590E to LTO5, at the same time as encrypting them.

DISUK Limited  
25 Olympia Close  
Northampton,  
NN4 0RU, United Kingdom.

Tel: +44 1604 765826  
Email: [info@disuk.com](mailto:info@disuk.com)  
Web: [www.disuk.com](http://www.disuk.com)

## Ensure you are complying with audit requirements

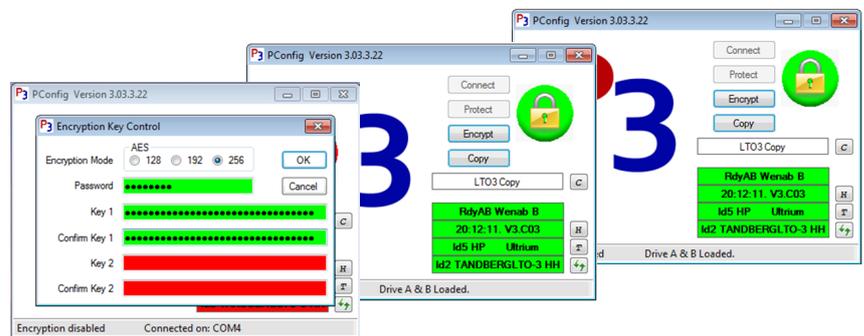
When preparing for an audit, the requirement to encrypt historical data is often overlooked. When companies realise they must encrypt ALL data to comply with the terms of the audit, they find the process is often complex and always time consuming. The cost implication of the complexity and time needed to encrypt historical data need to be taken into consideration.

The SecureCopy3 Fibre Channel unit allows the encryption of all existing tapes without host system involvement, or the need to purchase large quantities of new media. Tapes are copied in full, even the labels are unchanged, so all tapes can be restored using a Paranoia3 appliances. This also avoids the costly expense of secure destruction of archived media, as required when utilising drive based encryption.

## Copy from one tape to another without a connection to the host system.

SecureCopy3 can be used to convert data on one tape media type to another, so can be used to renew the media type as well as encrypting the data, as it is written to the new media. All data is copied and the tape format is also duplicated, including labels, so the system that produced the original tapes will see no difference when the tapes are restored via a Paranoia3 units.

Paranoia3 users who are utilising the iCard / iSecure Smartcard Key Management System can use the standard iSecure to enter keys and password over the LAN or WAN connection. This allows the operator to initiate and monitor the copy processes using the standard GUI.



## Secure Data Interchange

For users with multiple host systems who need to interchange large amounts of data securely across multiple sites, a pair of SecureCopy3 units offer a simple solution. Tapes produced on the systems are duplicated and encrypted at one site and can be then be converted using the SecureCopy3 at the second site to an unencrypted state. These tapes can then be restored on the target system.

No connection, or changes to the host systems, are required and no software is loaded onto these systems. SecureCopy3 is available for SCSI, SAS, iSCSI or Fibre channel tape devices.