

DATALOK L

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D A T A E N C R Y P T O R



DATALOK L is a desktop or rack mounted unit designed to secure information transmitted across both public and private data networks.

This easy to use, fully automatic data security system requires no user intervention for normal operation. The unit totally eliminates the key management problems traditionally associated with secure networks.

W O R L D W I D E
I N F O R M A T I O N
S E C U R I T Y

GEC - Marconi
Secure Systems



DATALOK L

DATA ENCRYPTOR

The dramatic increase in the use of Information Technology in business has created the need for distributed data networks. Computers at remote sites may need to communicate with hosts at head office and other satellite offices leaving data links open to attack by computer criminals wishing to steal information or cause damage. What would be the consequences if your business became the victim of such an attack?

If such a threat could be potentially damaging or costly to your organisation, then DATALOK L could provide the solution to the problem of protecting valuable information.

DATALOK L is a highly secure tamper proofed encryption unit that can be installed quickly and easily on your existing network. This protocol transparent device employs automatic key distribution as standard along with automatic key change, eliminating the expense of the manual key entry techniques associated with less sophisticated equipment.

The unit is compatible with dial-up and leased lines (including BT's *Kilostream™) and can be configured for closed user groups of any size, as well as providing end to end authentication of a data link. Alarm and status reporting capabilities ensure that your network management centre is kept up to date, in real time, with the status of your data link.

- Offers very high security against unauthorised eavesdropping.
- Compatible with most types of data network.
- Automatic features mean no user intervention.
- A cost effective solution for data security.
- International support through GEC-Marconi Secure Systems.

TECHNICAL SPECIFICATIONS

Encryption method	GEC-Marconi Secure Systems proprietary or DES self-synchronising algorithm
Data speed	75bps to 19.2 Kbps asynchronous 1200 bps to 144 Kbps synchronous
Key management	Automatic, manual or key loader
Interfaces	RS232, X21, V35, RS449
Physical security	Dual Medeco locks and tamper detection
Size	6.4cm (H), 21.6cm (W), 40.6cm (D)
Power requirements	115/240V AC

*Kilostream is a registered trademark of British Telecom
For further information please contact the sales office at the address below.

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