



MURRAY
ASSOCIATES

(ALMOST) ALL YOU NEED TO KNOW ABOUT...

COMMUNICATIONS PRIVACY

C O U N T E R E S P I O N A G E C O N S U L T A N T S T O B U S I N E S S A N D G O V E R N M E N T

Encryption and scrambling are security techniques which make your electronic communications unintelligible to the uninvited. Several levels of protection are offered. With the exception of low-level speech inversion, most levels are acceptable for business purposes. Encryption is available for telephones, facsimile machines, computers, and video transmissions.

Another protection technique – the *fax mailbox* – stores incoming transmissions in a password-protected memory. Faxes don't print out until you enter a secret code. Great for faxes received at night or on weekends.

Is encryption absolute protection?

No. Encrypted transmissions can be decoded given enough time, effort and desire. Be sure the product you purchase matches your needs.

What else I should know?

- Buy privacy products which protect information *just long enough*. This may mean years to someone transmitting company formulae, weeks for merger discussions, or minutes when making a stock trade.
- All levels of protection are offered, and are priced accordingly.
- The product is usually needed at each end of the communications link.
- Not all privacy products are compatible with one another. Check.
- Communications privacy products **will not** protect you against room eavesdropping devices, or devices built into the phones, fax machines or computers being used. Inspections for eavesdropping devices must still be conducted.
- Other espionage methods still exist. Do not be lulled into a false sense of security. These products are only a powerful supplement to your regular eavesdropping detection inspections and other security measures.



Sources for detailed product information and current pricing:

Axent Technologies – 908-707-3991
<http://www.axent.com>
Computer network protection.

Jones Futurex, Inc. – 916-632-9450
<http://www.futurex.com/>
Phone, data and fax equipment.

Secure Communications, Inc. – 212-533-6500
Computer firewalls and privacy solutions for all types of communications.

Certicom, Inc. – 973-983-0322
<http://www.certicom.com>
Fax authentication and encryption.
Recommended... Their free fax encryption video and white papers.

Motorola Secure Telecommunications – 602-441-4300
http://www.motorola.com/GSS/SSTG/ISSPD/ISD_Prod_Portfolio.html
Phone, data and fax equipment.

Technical Communications Corporation
978-287-5100
<http://135.145.192.160/>
Phone, data and fax equipment.

Cycomm Corporation – 703-903-9548
<http://www.cycomm.com/>
Phone, data and fax equipment.

RACAL – 954-846-4700
<http://www.racalitsec.com/>
Phone, data and fax equipment.

Transcript International, Ltd. – 402-474-4800
<http://www.transcript.com/>
Phone, data and fax equipment.

Cylink – 408-855-6000
<http://www.cylink.com/>
Phone, data and fax equipment.

Research Electronics, Inc. – 931-528-5756
<http://www.research-electronics.com/>
Low cost phone scrambler

IL-3 Comm. Corp. – 732-530-7766
<http://www.sesd.ilex.com>
Secure fax terminals.

RSA Data Security – 781-301-5000
<http://www.rsa.com>
Computer encryption equipment.

For additional providers of communications privacy equipment check:
www.yahoo.com/Business_and_Economy/Companies/Computers/Security
Hint: Prevent costly mistakes by hiring an independent technical security consultant before investing in encryption equipment.

Encrypting communications is only one counterespionage trick. There are hundreds more. Remember – Espionage is preventable. For further information about proactive programs to combat espionage, electronic eavesdropping and wiretapping, please contact us.

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