



communications

IDIQ Contract
MDA904-96-D-0025
CLIN: 0029AB

OMNI 
SECURE TERMINAL™

OMNI 
SECURE TERMINAL™

Now Only
\$1,495



Type I Security

- ▶▶ Voice
- ▶▶ Dial Up Networking
- ▶▶ FAX
- ▶▶ Coalition Support
- ▶▶ Digital Capable

Now the most versatile Type 1 narrow band secure terminal is also the lowest cost option. *

Initial Deliveries Scheduled for 2001!

OMNI Secure Terminal will support your Type 1 secure voice and data requirements over analog (POTS) networks:

Ease of Use:

- PIN entry means no CIKs or PCMCIA cards to carry
- Uses the existing PSTN Infrastructure
- Small and Portable unit weighing only 1.2 lbs
- Price includes standard serial adaptor to support data communications
- OMNI is declassified (CCI) prior to entering PIN or after user logs-off
- No battery replacements are required
- Universal Key Set
 - Foreign Interoperability: Coalition, NATO, National and CCEB

Voice Applications:

- Interfaces with standard POTS telephone or STU-III to provide secure voice
- Supports Two Vcoders:
 - High Quality G.729D 6.4Kbps and
 - MELP 2.4 Kbps

Data Applications:

- Integrated v.90 Modem provides higher data rates than legacy systems
- Async and Sync** Data Operation
- Supports secure FAX

Note: (*) Pricing has been lowered in accordance with the IDIQ contract to \$1,495 for OMNI and \$2,090 for OMNixi based on strong customer interest resulting in current orders exceeding the 2,000 cumulative IDIQ contract requirement.

(**) Sync data will be available via a software upgrade mid 2002

ANALOG

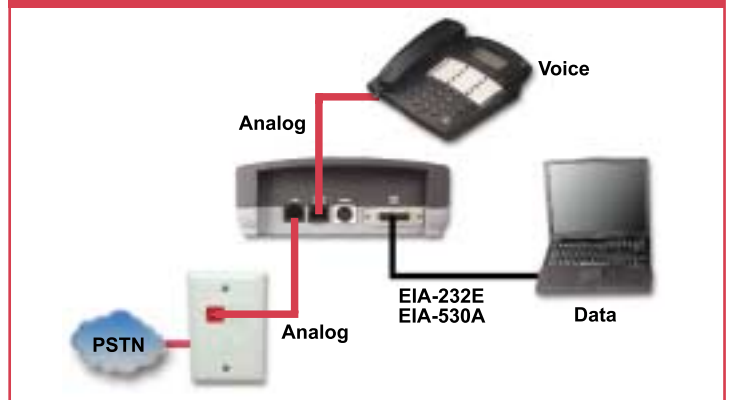
OMNI

SECURE TERMINAL™

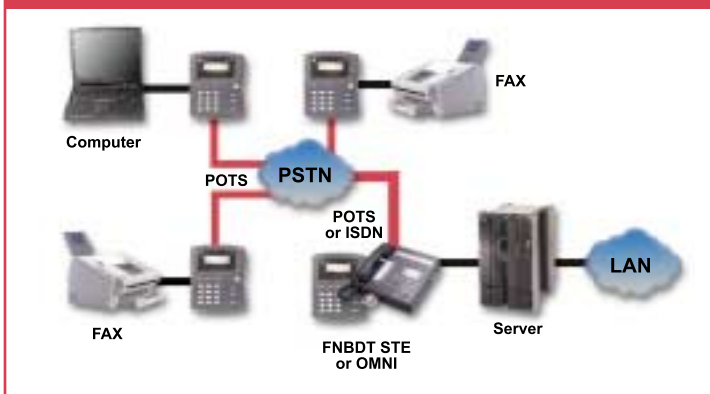
FNBDT Interoperability



Voice and Data



Supports Secure FAX and Dial-Up Networking



STU-III Comparison

	OMNI	STU-III
Interoperability:		
Wireless (GSM/CDMA)	Yes ✓	No
STE	Yes	Yes
FNBDT Devices	Yes ✓	No
Data Rates:		
9.6 Kbps	Yes	Yes
Up To 56 Kbps	Yes ⁽¹⁾ ✓	No
Up to 2 Mbps	Yes ⁽²⁾ ✓	No
Data Modes:		
Async	Yes	Yes
Sync	Yes	Yes
Voice Quality:		
2,400 Bps	MELP ✓	LPC10e
4,800 Bps	No	CELP
6,400 Bps	G.729D ✓	No

NOTE: (1) Due to FCC regulations on power output actual speeds may vary.
(2) Capability facilitated using OMNIxi™ software upgrade.

OMNI and OMNIxi Capabilities and Output Characteristics

Capability	OMNI	OMNIxi*	Output Characteristics			
			Coding	Framing	Data Link	Network
Secure Voice	Yes	Yes	MELP Blank & Burst	V.14	V.32	PSTN
			G.729 Annex D	V.14	V.32	PSTN
		Yes	MELP Blank & Burst	None Async: V.14	EIA-232E/530A Sync: 2.4 Kbps Async: 4.8 Kbps min	Digital
			G.729 Annex D	Sync: V.14 Async: V.14	EIA-232E/530A Sync: 9.6 Kbps Async: 9.6 Kbps min	Digital
Non-Secure Voice	Yes	Yes	Analog Bypass Mode			
		Yes	MELP Blank & Burst	None Async: V.14	EIA-232E/530A Sync: 2.4 Kbps Async: 4.8 Kbps min	Digital
			G.729 Annex D	Sync: V.14 Async: V.14	EIA-232E/530A Sync: 9.6 Kbps Async: 9.6 Kbps min	Digital
Secure Data (Async)	Yes	Yes	Reliable Transport	V.14	V.90 Up to 56Kbps	PSTN
		Yes	Reliable Transport	V.14	EIA-232E/530A Async: Up to 115 Kbps	Digital
Secure Data (Sync)	Yes	Yes	L-3 Guaranteed Throughput	None	V.90 up to 28.8 Kbps	PSTN
		Yes	Full Bandwidth	None	EIA-232E/530A Sync: Up to 2.048 Mbps	Digital
Non Secure Data			Not Supported			

NOTE: * - OMNI can be software upgraded to an OMNIxi



communications
Communication Systems-East

For Additional Information Contact:

L-3 Communication Systems-East
One Federal Street, Camden, NJ 08103
Telephone: 856-338-6277
FAX: 856-338-2741
E-mail: OMNI@L-3Com.com
or Visit our Website at: <http://www.L-3Com.com/OMNI>