

AD-A209 377

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET

DELETE NEW REPLACE CORRECTION

1. ACCESSION NO. 2. CONTRIBUTING AGENCY REPORT NO. 3. SUBJECT
DCA/SW/DK-89/002

4. PRODUCT (circle one) DATA FILE SOFTWARE MODEL, SIMULATION

BY, BUREAU, DIVISION, AND ADDRESS
Defense Communications Agency
Defense Communications Engineering Center
Code R620
1860 Wiehle Avenue
Reston, VA 22090-5500

CT NAME (Use agency nomenclature)
Defense Data Network X.25 DTE Conformance Test Software -
Link and Network Layers (for Microcomputers)

PTORS OF PRODUCT (Keywords, identifiers, etc.) *Software,
DDN DTE (Host) Conformance Test Software
DoD Protocol Suite-Lower X.25 Layers
X.25 Link (frame) Protocol
X.25 Network (Packet) Protocol

DTIC ELECTE
S D S D
JUN 15 1989
D CS D

8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.)
Version Release No. 4.2.1 19 May 89

9. FILE SIZE IN NO. OF:
REELS [] [] [] DISKETTES 00 0 3

10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

11. PRICE INFORMATION
Price code: D03

12. GEOGRAPHIC SCOPE

13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)

NAME	TITLE	PHONE NO.
Anh Tran	Electronic Engineer	(703) 437-2053
Charles E. Morgan	Electronic Engineer	(703) 437-2211
Bobbi J. Henderson	Electronic Engineer	(703) 437-2117

14. DOCUMENTATION EXPECTED AVAILABILITY DATE
 AVAILABLE on the diskette

89 6 14 047

15. COMPUTER PRODUCT ABSTRACT

This software provides the capability to test the conformance of a host communications interface with the Department of Defense's Defense Data Network (DDN) X.25 (link and network layers) protocols. The host conformance tests are contained on three diskettes; X.25 Link Layer (DTE) test diskette, X.25 Network Layer (DTE) Standard diskette, and X.25 Network Layer (DTE) Basic diskette. This software is executable on a Tekelec Chameleon 32 that uses the MS-DOS operating system. Software for earlier model Tekelec Chameleons may be obtained by contacting the Defense Communications Agency, Code B670, at (703) 385-5337. The Defense Communications Agency's Circular DCAC 370-P195-5, Defense Data Network Host Interface Qualification Testing - Link and Network Layers, contains the test policy, instructions on how to conduct the test, and also lists the complete test scenarios in an English language form referred to as ^{UX} notation. The circular is not part of this software package and is separately available through NTIS. The MS-DOS Chameleon 32 DDN Test software may be copied via an IBM PC or compatible clone, but the software properly executes only on the Chameleon 32. ~~Software Description~~ The software is written in the Assembly and Chameleon Basic programming languages for implementation on a Tekelec Chameleon 32 or compatible machine using MS-DOS operating system. Documentation resides on the diskette.

DCA's

use single quotes

16. DATA FILE TECHNICAL DESCRIPTION

The software is contained on 3-1/2 in. 3 1/2-inch diskettes, double-density (720K) compatible with the Tekelec Chameleon 32 microcomputer. The diskettes are in the ASCII format. (edc) ✓

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran _____ COBOL _____ Basic _____ Assembly Other (Specify) Chameleon Basic

Software requires;

CPR Mfr. Tekelec Model(s) Chameleon 32 Operating system(s) MS-DOS

Minimum of _____ K bytes core. The following special features and/or additional requirements in hardware:

Diskettes may be copied with IBM PCs or compatible clones.

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED

COMPUTER DISKETTE FILE PROPERTIES

01. Completion Date <table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="2">Year</th> <th colspan="2">Month</th> <th colspan="2">Day</th> </tr> <tr> <td>8</td><td>9</td> <td>0</td><td>6</td> <td>0</td><td>6</td> </tr> </table>			Year		Month		Day		8	9	0	6	0	6	02. Long Title Defense Data Network X.25 DTE Conformance Test Software Link and Network Layers			03. Short Title DDN X.25 DTE Conf. Test Software Link and Ntwk. Layers													
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Year		Month		Day																											
8	9	0	6	0	6																										
08. Submitting Organization and Address Defense Communications Agency 1860 Wiehle Avenue Reston, VA 22090-5500				09. Technical Contact(s) and Phone Anh Tran (703) 437-2053 Charles E. Morgan (703) 437-2211 Bobbi J. Henderson (703) 437-2117																											
10. Host Computer/Model Tekelec Chameleon 32 or compatible			11. Memory Requirement		12. Language/Format ASCII																										
13. Diskette Size <input checked="" type="checkbox"/> 3 1/2 <input type="checkbox"/> 5 1/4 <input type="checkbox"/> Other _____		14. Diskette Capacity <input type="checkbox"/> 360K <input type="checkbox"/> 1.2M <input checked="" type="checkbox"/> 720K <input type="checkbox"/> 1.44M <input type="checkbox"/> 800K <input type="checkbox"/> Other			15. Operating System/Version MS-DOS																										
16. Number of Files		17. Number of Records		18. Record Length																											
19. Documentation <input checked="" type="checkbox"/> on Diskette (File # _____) <input type="checkbox"/> Paper Copy						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Accession For</td> </tr> <tr> <td>NTIS CRA&I</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>DTIC TAB</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Unannounced</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="2">Justification</td> </tr> <tr> <td colspan="2" style="text-align: center;">NTIS By DISKETTE - 125</td> </tr> <tr> <td colspan="2">Distribution /</td> </tr> <tr> <td colspan="2" style="text-align: center;">Availability Codes</td> </tr> <tr> <td style="text-align: center;">Dist</td> <td style="text-align: center;">Avail and/or Special</td> </tr> <tr> <td colspan="2" style="text-align: center;">A-1 21</td> </tr> </table>						Accession For		NTIS CRA&I	<input checked="" type="checkbox"/>	DTIC TAB	<input type="checkbox"/>	Unannounced	<input type="checkbox"/>	Justification		NTIS By DISKETTE - 125		Distribution /		Availability Codes		Dist	Avail and/or Special	A-1 21	
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20. Supplemental Information						21. For Submitting Organization Use																									

