

STREAMS SNA

SNA FEATURES

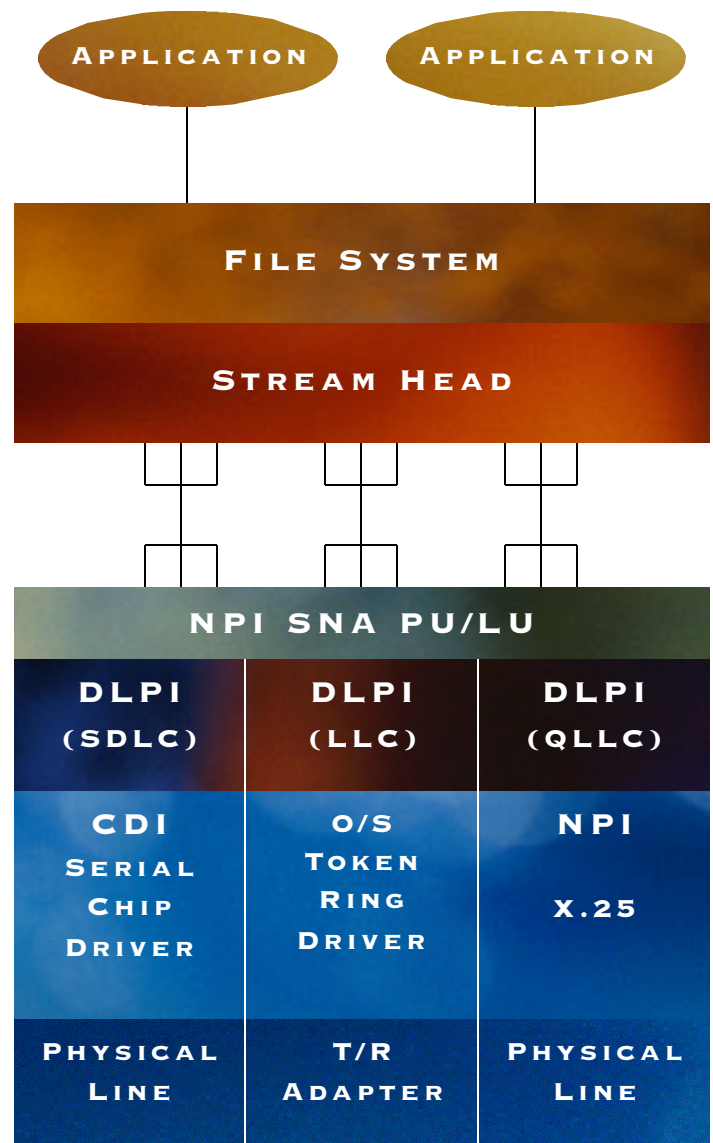
- 3174/5294/5394 EMULATION
- PU TYPE 1, 2 AND 2.1
- LU TYPE 1, 2 AND 3 FOR 3270 DATA STREAMS
- LU TYPE 4 AND 7 FOR 5250 DATA STREAMS
- LU TYPE 0 AND 6.2
- LUA INTERFACE
- APPC/APPN END NODE SUPPORT
- TS PROFILES 1, 2, 3, 4 AND 7
- FM PROFILES 0, 2, 3, 4, 7, 18 AND 19
- MULTIPLE HOST ATTACHMENT
- MULTIPLE PUS
- MULTIPLE LUS
- XID INTERPRETATION
- TRACING FACILITIES

STREAMS DRIVER FEATURES

- COMPATIBLE WITH UNIX 5.3 OR 5.4, SOLARIS, QNX AND LINUX
- USES AT&T'S NPI PROTOCOL UPSTREAM TO USER OR SNA API
- USES AT&T'S DLPI PROTOCOL DOWNSTREAM TO SDLC, LLC OR QLLC
- MANAGEMENT FUNCTIONS OVER CONTROL STREAM
- CONFIGURATION MANAGEMENT
- DEBUG TRACE MANAGEMENT
- SESSION STATISTICS
- TRACE FACILITY
- MANAGEMENT DATA ECHOED TO LOG FILE

SDLC FEATURES

- SDLC SECONDARY FOR PU2 AND PU2.1
- SDLC PRIMARY FOR PU2.1
- CAN EMULATE MULTIPLE SECONDARIES
- HALF DUPLEX OR FULL DUPLEX LINES
- NRZ OR NRZI
- GROUP POLL RESPONSE SUPPORTED
- FULL DUPLEX POLL RESPONSE SUPPORTED
- SWITCHED AND NON-SWITCHED DATA CIRCUITS



TOKEN RING FEATURES

- USES IBM 16/4 ADAPTER
- LOGIC LINK CONTROL II
- ADAPTER STATISTICS
- USES OPERATING SYSTEM PROVIDED TOKEN RING DRIVER (QNX, SCO)

QLLC FEATURES

- EMULATES SDLC SECONDARY TO SNA DRIVER
- USES GCOM'S 1984 AND 1988 COMPLIANT X.25
- LISTENS FOR INCOMING CALLS
- GENERATES OUTGOING CALLS
- INCOMING CALLS CAN BE RESTRICTED TO CERTAIN HOSTS
- AUTOMATICALLY SEGMENTS DATA USING X.25 M-BIT

APPLICATION PROGRAM INTERFACE (API)

- n NON-BLOCKING INTERFACE
- n MULTIPLE SESSIONS ALLOWED PER USER
PROCESS: MULTIPLE LUS, PUS AND HOST
ATTACHMENT
- n COMPLETE CHAINS EXCHANGED BETWEEN
USER AND STREAMS DRIVER OR USER CAN
ELECT TO PROCESS EACH RU SEGMENT
- n LONG RUs AUTOMATICALLY BROKEN INTO
CHAINS OR SEGMENTS
- n BRACKET PROTOCOL SUPPORTED
- n 3270 DATA STREAM API
- n 5250 DATA STREAM API
- n APPC PEER-TO-PEER API
- n ERROR AND TRACE LOGGING FOR DEBUG
ASSISTANCE
- n UNIX OBJECT CODE LIBRARY LINKED IN WITH
USER'S PROGRAM

TERMINAL EMULATION

- n 3278 MODEL 2 AND 5251 MODEL 11 EMULATION
- n USES TERMCAP/TERMINFO AND CURSES
FOR PORTABILITY
- n UP TO 254 TERMINAL SESSIONS
- n CAN BE USED OVER A LAN, WAN OR
ASYNCHRONOUS DIAL-UP
- n UNIX USER PROGRAM RUN FROM SHELL PROMPT
- n TN3270 CLIENT/SERVER
- n TN5250 CLIENT/SERVER

ADMINISTRATIVE TOOLS

- n LINE ANALYSIS/STATISTICS
- n PU ANALYSIS/STATISTICS
- n LU ANALYSIS/STATISTICS
- n TROUBLESHOOTING
- n CONFIGURATION



1800 Woodfield Drive, Savoy, Illinois 61874
Phone: 217 3514241
Fax: 217 3514240
e-mail: sales@gcom.com
<http://www.gcom.com>

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