

STREAMS FRAME RELAY

DLPI STREAMS DRIVER FOR FRAME RELAY

- IMPLEMENTS DLPI VER. 2.0
- STREAMS MULTIPLEXOR DRIVER
- COMPATIBLE WITH UNIX 5.3 AND 5.4, SOLARIS, QNX AND LINUX
- NETWORK MANAGEMENT SUPPORT
- SUPPORTS USER API AND TCP/IP INTERFACE

CDI STREAMS

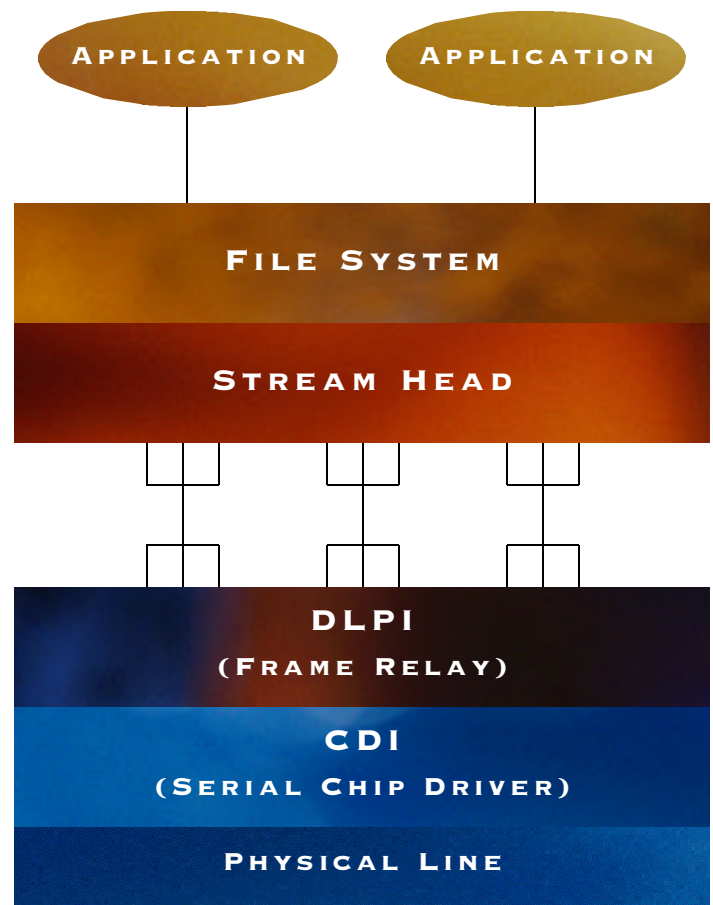
- STREAMS DEVICE DRIVER
- COMPATIBLE WITH UNIX 5.3 AND 5.4, SOLARIS, QNX AND LINUX
- NETWORK MANAGEMENT SUPPORT
- DRIVERS FOR A VARIETY OF SYNCHRONOUS BOARDS

FRAME RELAY PROTOCOL STANDARDS

- T1.606
- ANNEX D
- ISDN COMPATIBLE
- T1.602 (LAPD) CORE SERVICES
- Q.921 LAPD AVAILABLE

CONFIGURABLE PARAMETERS

- COMMITTED INFORMATION RATE
- COMMITTED RATE MEASUREMENT INTERVAL
- COMMITTED BURST SIZE
- EXCESS BURST SIZE
- ENCAPSULATION TYPE
- LMI TYPE AND OPTIONS



FRAME RELAY FEATURES

- n MULTIPLE PHYSICAL LINKS
- n MULTIPLE PVCs PER LINK
- n DATA METERING ACCORDING TO CIR
- n ADJUSTABLE MEASUREMENT INTERVAL
- n CONGESTION SIGNALING
- n INVALID FRAME SIGNALING
- n USE OF ANNEX D TO MANAGE THE LINK
- n LAPD CORE FRAMING
- n STATISTICS GATHERING
- n TRACE BUFFERS FOR DIAGNOSTIC PROCEDURES

FRAME RELAY LINE LEVEL FEATURES

- n MAXIMUM FRAME SIZE PARAMETER
- n WATCHDOG TIMER ON TRANSMISSIONS
- n INTER-FRAME DELAY OPTION
- n OSCILLATION DETECTION FOR MODEM SIGNALS
- n ACCESS TO DEVICE REGISTER STATUS
- n ACCESS TO STATISTICS ON THE FOLLOWING:
CRC ERRORS, UNDERRUNS, OVERRUNS, ABORTS,
NUMBER OF BYTES TRANSMITTED/RECEIVED
AND OTHERS

PHYSICAL INTERFACES

- n V.35/RS232
- n X.21/RS422
- n 56KBPS DDS
- n T1 OR FRACTIONAL T1



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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