Access Plex

Compact and Cost-effective TDM multiplexer

Main Features

- Voice and Data channels multiplexing/demultiplexing
- E1 or Fractional E1 trunk interface operating over 2 km
- Interchangeable Voice interfaces
  - FXO for direct connection to CO switch ab wires
  - FXS for direct connection of subscriber telephone/modem/fax
  - 4 wire Voice Frequency channel with E&M signaling for PBX connections
- Four Voice interfaces on each daughter board, up to two daughter boards
- V.35 Data Interface
- Simple and user friendly Local VT100 management
- Remote Telnet or SNMP management with CMU module
- Different versions of CAS signaling support, easy adaptation to any CAS
- Easy software upgrade with flesh ROM
- Subrack version for all kinds of Access mechanics (19", 14 slots subrack, 3 and 1 slots compact housings); minirack 19", 1U, housing option

Access Plex - cost-effective voice and data access multiplexer for public, enterprise and utility networks

Access Plex is designed to meet a demand for simple and cost-effective TDM equipment providing access to voice and data services. E1 leased lines and HDSL links remain an important access network mean. With Access Plex operator can simply deliver several voice channels from everywhere to everywhere using any TDM based transport network. Of course, together with data, transmitted via popular V.35 N*64 kbps interface.

Access Plex is also a flexible network element for enterprise or utility networks. Being directly connected using E1 (CAS) or FXO to any existing leased line infrastructure; Access Plex is a universal termination unit. With its flexible voice interfaces it can bring data in combination with 4 or 8 POTS channels or VF channels with E&M signaling for remote PABX connection. Due to CAS flexibility Access Plex can be integrated into nearly any existing network build with PBXs and TDM multiplexers of any vendor

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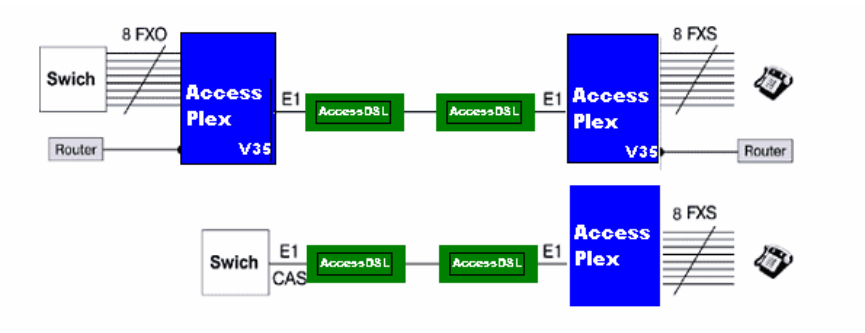
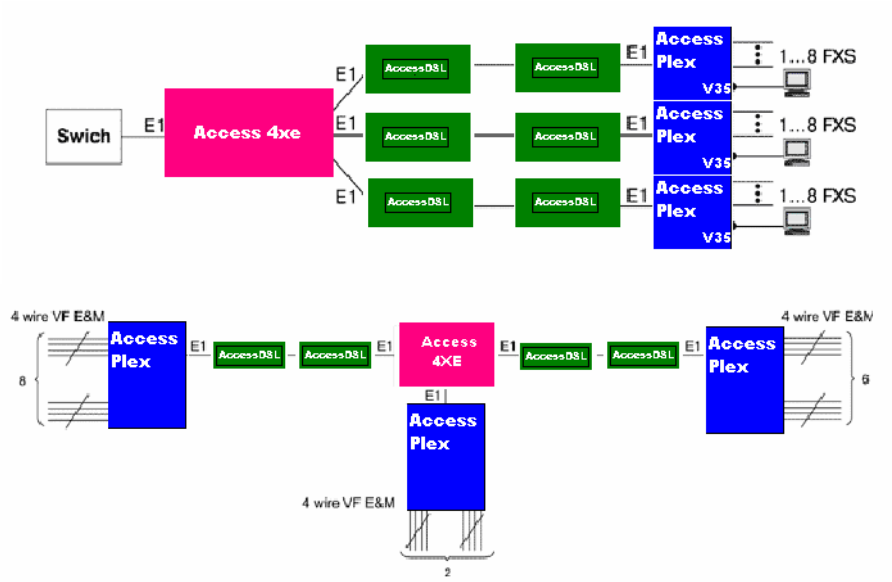
Voice and Data transport via E1 links (DSL E1 links can be arranged for instance with AccessDSL modems of Access platform)



Delivering voice and data to many termination points in point-to-multipoint or linear topologies (Cross-connect module Access 4XE and DSL modems AccessDSL are also integrated into Access platform)



SPECIFICATIONS

E1 interface	ITU-T G.703, G.704; 120 Ohm; HDB3; TS 0 - CRC4; TS16 - CAS; RJ-45
V.35 interface	ITU-T V.24, V.11, V.35; 64:1984 kbps; DB-25
Clock	internal, recovered from E1, programmable priorities
Diagnostics	G.826; internal auto-diagnostics; manual external loops set up
Management	VT100; Telnet & SNMP (with CMU module in subrack)
Power	-40:72 VDC, 20 VAC with adapter; consumption less then 4
Dimensions (WxHxD, mm)	300x233x220 (subrack); 307x288x56 (stand alone)
Environment	temperature 0:400C; humidity 5:95%

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