

SIGMA INDX

BPL Sigma INDX – is designed for multiple networks applications. This system has a fully integrated advanced telecommunication platform, and comes with a proven digital non-blocking technology. The sigma INDX offers speed, capacity and a cost effective high performance communication system. Built on the Universal Port Architecture, the system gives a choice for any slot to be used as a line, trunk or common service unit for voice & data transmission.



Technology and architecture:

The sigma INDX 250/150 is a Digital Switching system that uses the PCM-TDM technology integrating voice, data and video transmission on a single platform. Based on 32-bit microprocessor, the system is capable of handling high traffic throughout. It can be connected to P&T central office trunk. It can support E&M, and Loop type tie lines.

System Features

- 208 subscribers / 32 trunks
- Stored program control with flash RAM database
- Interface with PLCC, E&M, CO trunks, E&M Networks,
- E1 Trunks & BWT
- Universal port for easy swapping of subscriber & trunks.
- PC/DFF based console & programmable class of Service
- Duplication of all control cards with automatic Changeover.
- In-built self diagnostics.
- Field programmability using console.
- Digital subscriber available
- Support two operator consoles.
- Duplication/redundancy possible for PSU/CPC
- Fully Non blocking switching network
- Modular in construction
- Flexible digit analysis
- Integrated voice and data switching
- Paging
- Transit calls
- Trunk grouping
- Alternate routing
- Four party conferencing
- Optional output for PC/VDU for Maintenance
- 4-Wire E&M trunks for PLCC Trunks

Extension features:

- Automatic call back
- Busy override
- Call consult
- Call forward on Busy
- Call forward on no answer
- Call park
- Call pickup
- Group call pickup
- Call Wait
- Camp On
- Conferencing
- Add-on Conference
- Direct Inward Station Access
- Direct Outward Dialing
- Direct Outward Dialing
- Direct Outward System Access
- Do Not Disturb
- Emergency reporting
- Follow me/Remote follow me
- Hands free dialing
- Hotline / Delayed Hotline
- Last caller recall
- Malicious call tracing
- Password setting
- Remote feature programming
- Software pad lock
- Wakeup alarm

Trunk facilities

- Network Intrude facility
- Specific trunk access



The sigma INDX can perform different activity with following cards:

- Control Processor Card (CPC)
- Analog Line Card (ALC)
- Digital Line Card (DLC)
- DTMF Transmitter / Receiver (DTR)
- Voice Guidance (VG)
- Analog Trunk Cards (ATC)
- Ear and Mouth Card (E&M)
- Both way Tie Line Card (BCD)