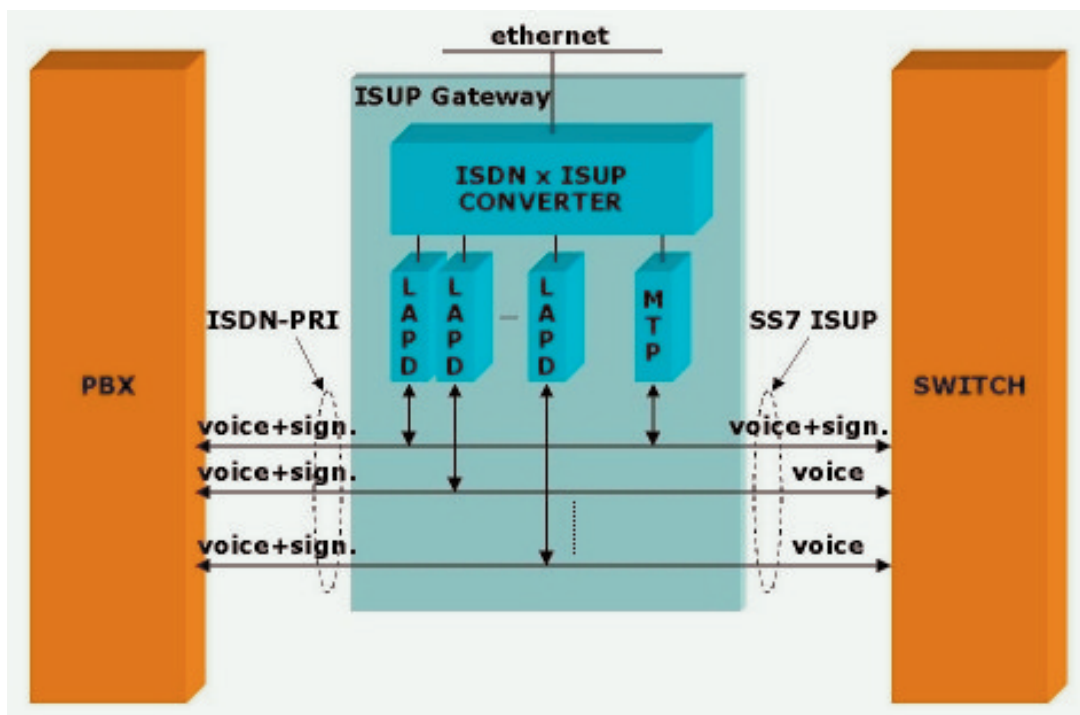


The ISUP GATEWAY – Application: ISDN-PRI x ISUP converter – is a equipment that allows to PBX with ISDN-PRI interfaces communicate with the telephone network with ISUP signaling.

## Functions

- Add/Drop of signaling channels ISUP and ISDN
- Endpoint SS#7
- Configurable ISUP Calling number
- Call supervision
- Traffic alerts by email
- Also connected to TCP/IP local network



Generic Diagram of ISDN-PRI x ISUP Converter

## Advantages:

- Product compatible, flexible and easy maintained)
- Low cost for acquisition, installation and operation
- Own hardware for E1/T1 interface
- Modular easy expanding system

## Technical description

- Linux OS
- ISDN-PRI x ISUP converter
- CDR generator
- Protocol analyzer
- Syslog agent
- CDRs storage
- Web server

## ISDN-PRI x ISUP converter:

- Bidireccional protocol conversion
- ISUP calling part number configuration

## CDR generator:

- TCP/IP server socket
- Multiple simultaneous clients
- Call conversation time slice CDR
- CDR for not answered calls

## DTSIGA board

- Hardware for E1/T1 links termination.
- 2 E1/T1 interfaces.
- 2 HDLC channels.
- 250 Kbps serial interface.
- Board processor.

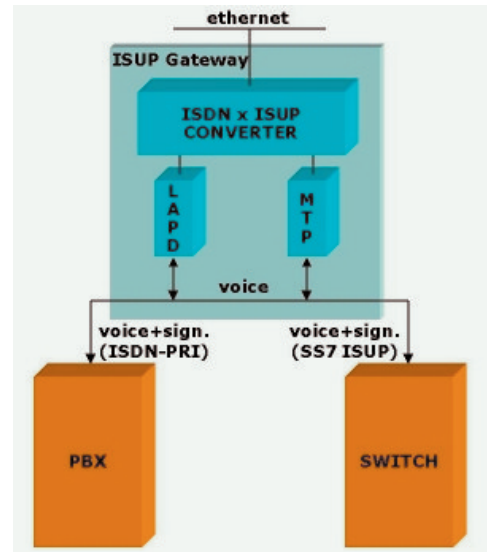
Included services: WEB server and Syslog agent

## WEB server

- Protocol analyzer display
- Access CDRs in HTML tables.
- Access to events log.
- Download of CDR files

## Syslog agent

- Syslog is a event report system used by the ISUP GW
- Events are E1/T1 alarms, signaling events, traffic reports, etc.
- Syslog managers are available in the market.
- E-mail alerts



## Protocol analyzers

- Displays signaling messages in 1-line or detailed formats
- Protocols ISDN-PRI and ISUP

