



## **Junghanns.NET**

QUALITY IN COMMUNICATIONS

The octoBRI® 2.0 PCI ISDN turns your legacy ISDN equipment (or analog equipment behind an ISDN TA) into powerful Voice over IP devices. It provides a soft migration path from ISDN technology to the new Voice over IP world (see Application 1).

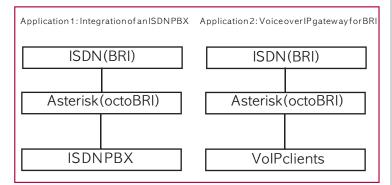
Connect your ISDN PBXes at different locations with Voice over IP and drop costs for company internal calls <u>close to zero</u>. Transparently add least cost routing over ISDN or VoIP carriers to reduce costs on outbound calls significantly.

The octoBRI® 2.0 PCI ISDN brings powerful ISDN BRI connectivity to your Linux machine. It comes with fully GPLed drivers for the Linux 2.4.X and 2.6.X kernels.

All 8 BRI ports can be configured for TE or NT mode individually by jumpers. This port configuration is detected by the driver automatically.

The drivers can handle the user and network side of **eurol SDN** (ETS 300 102) signalling, support for National ISDN 1 (Q.931) is planned

Multiple octoBRI PCI ISDN cards can be interconnected over an external PCM bus. The card's active channel switching capability (to bridge B channels on the card without latency and not using the host CPU) is also working over the external PCM bus (e.g. B channels on different cards can be actively switched).







## Target applications

- ISDN BRI PBX
- ISDN least cost router
- Voice over IP BRI gateways
- VoIP integration of ISDN equipment
- PBX to PBX trunking

## **Features**

- 8 Basic Rate Interface ports (I.421) for TE and NT mode
- DTMF detection
- Conference bridge
- PCM bus connectors daisy chaining of max. 4 cards
- 4 dual-color LEDs (layer 1 state indicators)
- active channel switching (across multiple cards over the external PCM bus)
- TRB3/TRB3-A1 certified
- Point-to-Point (TE/NT) and Point-to-Multipoint (TE/NT) euroISDN protocol stack
- suitable for 3.3 volts and 5.0 volts 32 bit PCI slots
- optional onboard or external S0 bus power feeding module available for feeding up to 2 cards
- onboard Hardware watchdog

## Requirements

- CPU 800+ MHz
- RAM 64+ MB
- Linux 2.4.X or 2.6.X Kernel (2.6.X recommended)
- 32bit PCI Version 2.2 slot

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VoIPon www.voipon.co.uk sales@voipon.co.uk Tel: +44 (0)1245 808195 Fax: +44 (0)1245 600030