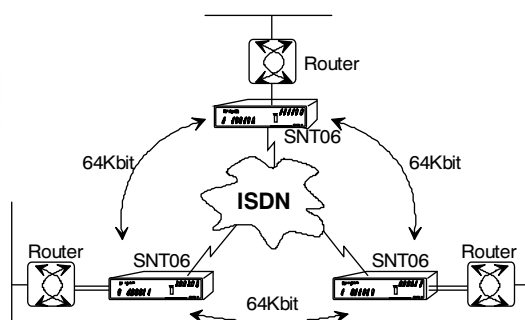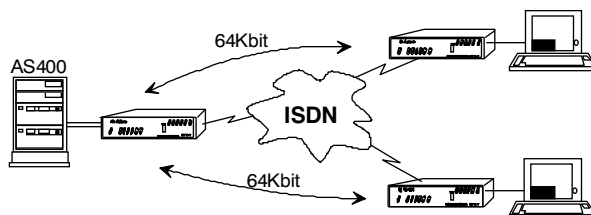# SNT06

digicom's SNT06 **ISDN** offers the connectivity on ISDN network in order to transmit data from any data processor or personal computer with serial interface in synchronous or asynchronous mode. It looks like a modem with one or two independent serial ports (it depends on the model) which can be used contemporaneously.

This means that it is possible to connect to a serial port an AS400 in synchronous mode toward a 5494 controller and at the same time on the other port it could be connected a personal computer in asynchronous mode which uses ISDN network for files transfer among personal computers; in other words SNT06 with two serial ports is the same as **two devices in one box**.
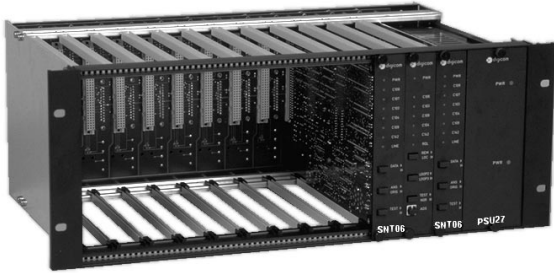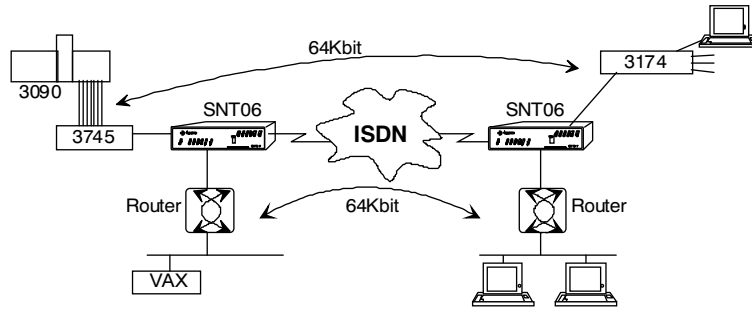
Other examples? ..... a port in V35 synchronous mode and the other one in V24/V28 asynchronous mode; a port in V25bis HDLC mode to call directly from an AS400 and the other one in Hayes compatible mode to be managed by the application programs used with modems on personal computers; a V25bis asynchronous port for direct connection to a Digital Equipment's Vax and the other one in V25bis HDLC for connection to a Front End IBM 3745...... **Every combination is possible**.

With the two serial ports model, it is possible to connect contemporaneously two branches of the same company using one ISDN line only; this is one of the advantages of ISDN network with regard to PSTN. This feature is also called **Multipoint** and SNT06 can exploit it to the utmost.

TECHNICAL FEATURES

- Euro ISDN compatible: NET 3 BRI 2B + D (1B+D in case of SNT06/1).
- PPP Internal Support.
- Rate Adaption: V110, V120.
- V.42bis data compression.
- AT and V25bis commands in synchronous mode HDLC and asynchronous.
- Autospeed up to 115.2 Kbit/s.
- Synchronous working up to 64 Kbit per channel.
- Asynchronous working up to 115.2 Kbit per channel.
- A 20 numbers phone book usable in AT compatible and V25bis mode.
- Security function with caller identification (Caller ID support).
- Compatible with most popular communication programs.
- Used as an Hayes compatible modem.
- Multinumber ISDN network service.
- Sub-addressing ISDN network service (SUB).
- Caller identity ISDN network service (CLIP).
- Line interface on RJ45 connector for S/T bus.
- V24/V28 and V35 serial interface.
- 220 V power supply 50Hz.
- Consumption: 10W.
- Temperature: from -5 to 45°C.
- Maximum humidity 90% non condensing.
- Exsternal model dimensions: 190 x 147 x 45 mm.
- Rackmount model dimensions: for 4 units rack high and 19" width.
- Exsternal model weight: 150 gr.

Mobile communications are becoming more and more popular and consequently the connectivity client to lan developes continuously.

If you have SNT06 connected to your access server (in standalone version but most of all in **rackmount version**) it is possible to receive simultaneously many calls from different clients to your lan. By using together SNT06 and CCI05 or any other digicom's ISDN product it is possible to exploit **V120 protocol** which,together with **V42bis data compression**, allows to increase the performances of a single communication channel B up to the speeds of **115,2 Kbit per second** (about 11500 ASCII characters transmitted in one second). In fact not evereybody knows that with V110 protocol (which is implemented too) it is possible to communicate in asynchronous mode on ISDN up to a speed of 38400 bps. This is limitative if compared to the real ISDN potentiality which is used at 64 Kbit and whose cost does not depend on speed.

In case your access server is PPP/SLIP based, you can use the **integrated PPP support** on SNT06; this is normally used in **Internet/Intranet** or private IP network with Cisco or compatible router and SNT06, like all digicom's ISDN products, is ready to communicate in this enviroument.

SNT06 is used as a synchronous and asynchronous **modem**, it supports **AT commands**, it is easy to install and it doen't require any particular software on ISDN network. SNT06 has an internal telephone book and **it manages security procedures** with caller indentification through support to **Call ID** functions which are offered by ISDN network.

PRODUCT	CODE	DESCRIPTION
SNT06	8D5370	TA ISDN 2B+D, V110, V120, V42bis, V25bis and AT compatible, EuroISDN, homologated.
SNT06/1	8D5372	TA ISDN 1B+D, V110, V120, V42bis, V25bis and AT compatible, EuroISDN,homologated.
SNT06/R	8D5392	TA ISDN 2B+D,V110,V120,V42bis,V25bis and AT compatible, EuroISDN, homologated, rackmount version.
RMC27	8D7069	Rack for 12 SNT06/R and 1 power supplies.
RMC28	8D7070	Rack for 10 SNT06/R and 2 power supplies.
PSU27	8D6058	Power Supply for RMC27 and RMC28 racks.
CR25	8D4186	Connection cable between SNT06 and NT1 or one end of S/T bus.
CD24/0,5	9D0491	Adaptation cable for V35 interface to be used with SNT06.
CM5	8D5401	Adaptor for V35 interface without cable, to be used with SNT06.