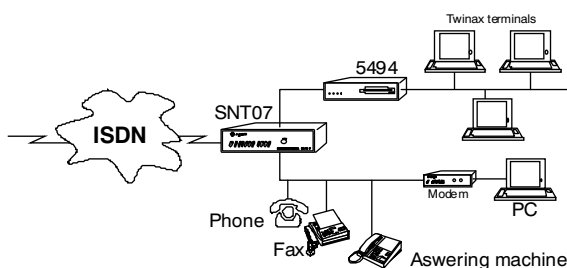


# Data Communication

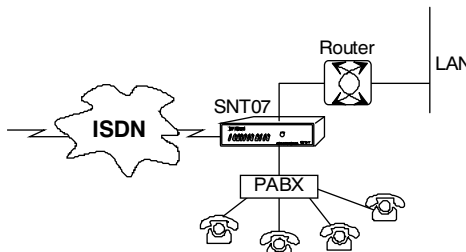


**SNT07** is an **S/T** and **A/B terminal adapter** manufactured by digicom S.p.A. to connect to a basic access of ISDN network. With a synchronous/asynchronous and an RJ 11 port which is used to simulate an access to national telephone network (PSTN), it is possible to develop several applications. A typical example is that one of using, at the same time, the serial port for data transmission and the RJ11 port to call, receive calls on the own answering machine, transmit and/or receive faxes and to exploit to the utmost the modem/fax one has got.



The **A/B** terminal adapter inside SNT07 allows the **use of all existing analogical devices** normally connected to a switched line.

The following configuration shows the successful use of SNT07 both for Lan interconnection and for connection of a small PABX system to ISDN network in branch office or peripheral office of a medium/big organization.

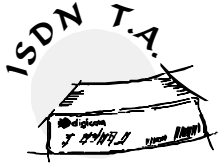


SNT07's serial port allows synchronous and asynchronous communications with V24/V28 and V35 interface. It could be possible to connect a personal computer in Internet ISDN access provider using SNT07 PPP internal support, an AS400 in synchronous mode toward a 5494 controller through ISDN network using V25bis specifications in order to carry out the automatic call and answer, a personal computer in asynchronous mode which uses ISDN network for files transfer among personal computers with common communication programs already used for modems, a router connecting the peripheral office lan to the headquarter lan and many other example.

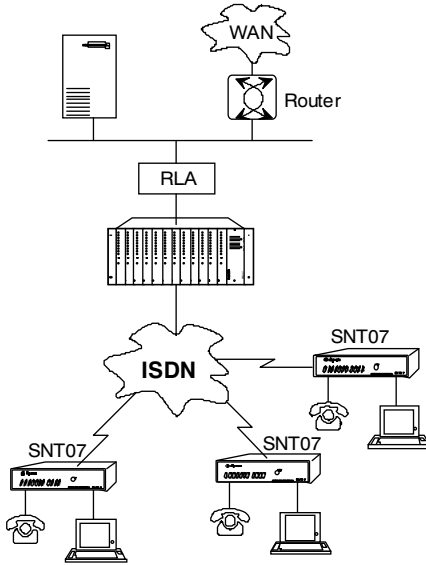
It is really possible to carry out several applications and what **distinguishes** SNT07 from other terminal adapters is the positioning of the product which has been projected for small companies, lawyer's offices, mediocal surgeries, chemist's, little branch office or peripheral store, etc.....

*SNT07 is a made in Italy product which is projected and manufactured by digicom S.p.A., leading company on the market for twenty years with Quality Certification according to ISO9001/EN29000 and BABT. The product is homologated, CE marked and it is in conformity with ITU-T recommendations warranting the highest Quality Level.*

digicom S.p.A. - ITALY - 21010 Cardano al Campo / Via Alessandro Volta 39  
Tel. +39 0331 702611 - Fax +39 0331 263733 - http://www.digicom.it



SNT07 **can be used as a modem** and it allows the connection to Internet using integrated PPP support at a speed which cannot be reached by a modem; due to **V120 protocol and V42bis data compression**, the 64Kbits of serial channel on ISDN become approx. **115,2 Kbit per second** (that is about 11500 ASCII characters transmitted in one second). Thanks to these features SNT 07 is in the forefront with regard to the actual offer, in fact not everybody knows that with V110 protocol (which is implemented too) it is possible to communicate in asynchronous mode up to a speed of 38400 bps only. This is limitative if compared to the real ISDN potentiality which is used at 64 Kbit and whose cost does not depend on speed. SNT07 can be programmed through AT commands (also known as HAYES commands) and it supports V25bis in HDLC and in asynchronous; it is easy to install and it doesn't need the installation of particular softwares on ISDN network. It has got an internal telephone book and **it manages security procedures** with caller identification through support to Call ID functions which are offered by ISDN network.



## TECHNICAL FEATURES

- EuroISDN compatible: NET3 BRI 2B+D (a B channel can be used as A/B adapter only).
- Rate Adaption: V.110, V120.
- V.42bis data compression.
- At and V25bis commands in HDLC synchronous mode and asynchronous.
- Autospeed up to 115.2Kbit/s.
- Synchronous working up to 64 Kbit.
- Asynchronous working up to 115.2 Kbit.
- A 20 numbers phone book can be used in AT and V25bis mode.
- Security function with caller identification (Caller ID support).
- Compatible with most popular communication programs.
- Used as an Hayes compatible modem.
- Multi-number ISDN network service (MSN).
- Sub-addressing ISDN network service (SUB).
- Caller Identity ISDN network service (CLIP).
- Line interface on RJ45 connector for S/T bus.
- Analog interface on RJ11 connector for 2 wires line networks with DTMF selection.
- Ring and tone generator on analog interface.
- V24/V28 serial interface or V35 through special adaptation cable.
- 220 V power supply single-phase 50Hz.
- Consumption: 10W.
- Temperature: from -5 to 45°C.
- Maximum humidity 90% non condensing.
- Standalone version dimensions: 190 x 147 x 45 mm.
- Standalone version weight: 150 gr.

PRODUCT	CODE	DESCRIPTION
<b>SNT07</b>	8D5368	TA ISDN 2B+D (one B channel can be used as A/B adapter only) with RJ11 port for analogical connectivity, V110, V120, V42bis, V25bis and AT compatible, Euro ISDN, homologated.
<b>CR25</b>	8D4186	Connection cable between SNT07 and NT1 or one end of S/T Bus.
<b>CD24/05</b>	8D0491	Adaptation cable for V35 interface, to be used with SNT07.
<b>CM5</b>	8D5401	Adaptor for V35 interface without cable, to be used with SNT07.