



## CUSTOMER SUPPORT BULLETIN

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### ISDN in the USA & Canada – SPID's

24 August, 2000

Service Profile Identifiers (SPIDs) are required with all ISDN protocols used in the USA & Canada except AT&T Custom PTP (point to point). These numbers are given to the user by the Phone Company and *must be entered correctly* into the ISDN device in order for the connection to function. SPIDs usually consist of the phone number plus a few prefix or suffix digits. There is frequent confusion between phone numbers and SPIDs, even among Telco personnel. While the SPID frequently includes the corresponding phone number, this is not necessarily the case.

The intention of the SPID is to allow the Telco equipment to automatically adapt to various user requirements by sensing different SPIDs from each type or configuration of user terminal. None of this matters with our application, but we must enter the SPIDs nevertheless. BellSouth has proposed, and most of the other telephone companies have agreed to implement, a standardized SPID for new installations. As of this writing, it has been implemented by most Telcos. The standard is (area code)+(phone number)+(0101) (or XXXYYYZZZZ0101).

Unless you are using the AT&T PTP protocol, your Telco service representative should give you one SPID for each B channel you order. *Don't let the phone company installer leave without providing you with the phone numbers of your B channels (called Directory Numbers, or DNs) and your SPIDs!*

The following pages lists the formats used on a number of lines. We include only those actually seen in use by Telos or our customers. Of course your SPIDs may be different. Additional SPIDs can be found at INTEL's SPID Page: [http://support.intel.com/support/isdn/SPID\\_Tip.htm](http://support.intel.com/support/isdn/SPID_Tip.htm) .

XXX=Area code; YYY= exchange; ZZZZ=phone number

#### Alltel (Ohio)

XXXYYYZZZZ0101

#### Ameritech

XXXYYYZZZZ0111

or

XXXYYYZZZZ011

or

01YYYZZZZ011

or

XXXYYYZZZZ01

**Bell Atlantic/Verizon**

01YYYZZZZ00

or

01YYYZZZZ000

or

01XXXYYYZZZZ000

or

XXXYYYZZZZ100

**Bell Atlantic North/Verizon** (Former  
NYNEX)

XXXYYYZZZZ0101

or

XXXYYYZZZZ0000

**Bell Canada**

XXXYYYZZZZ00

or

XXXYYYZZZZ0101

**Bell South**

XXXYYYZZZZ0101

or

XXXYYYZZZZ0100

or

XXXYYYZZZZ01

or

01YYYZZZZ0

or

01YYYZZZZ000

**Century Telephone**

XXXYYYZZZZ00

**Cincinnati Bell**

01YYYZZZZ000

or

SPID1 00YYYZZZZ01

SPID2 00YYYZZZZ02

or

00YYYZZZZ01

**Fort Mills Telephone**

XXXYYYZZZZ

**Frontier Communications**

01YYYZZZZ000

**GTE**

XXXYYYZZZZ0101

or

XXXYYYZZZZ0001

or

01YYYZZZZ000

or

XXXYYYZZZZ00

or

01YYYZZZZ0

or

XXXYYYZZZZ

or

SPID1 XXXYYYZZZZ00

SPID2 XXXYYYZZZZ01

or

SPID1 XXXYYYZZZZ0000

SPID2 XXXYYYZZZZ0001

or

SPID1 XXXYYYZZZZ0000

SPID2 XXXYYYZZZZ0101

**Nextlink**

XXXYYYZZZZ

or

XXXYYYZZZZ1

or

XXXYYYZZZZ0101 (if requested)

**Northern Pittsburgh Telephone**

XXXYYYZZZZ000

**Pacific Bell**

XXXYYYZZZZ0101

or

SPID1 XXXYYYZZZZ01

SPID2 XXXYYYZZZZ02

or

01YYYZZZZ000

or

SPID1 XXXYYYZZZZ1

SPID2 XXXYYYZZZZ2

or

XXXYYYZZZZ00

or

XXXYYYZZZZ

**Rochester Telephone**

01YYYZZZZ0

**SBC**- See Pac Bell, Ameritech, or Southwestern Bell

**SNET (Southern New England Telephone)**

01YYYZZZZ00

or

01YYYZZZZ000

or

XXXYYYZZZZ0101

**Southwestern Bell**

XXXYYYZZZZ0101

or

XXXYYYZZZZ

or

01YYYZZZZ000

or

01YYYZZZZ00

or

XXXYYYZZZZ01

**Sprint/Centel**

XXXYYYZZZZ100

or

XXXYYYZZZZ0000

or

SPID1 XXXYYYZZZZ000

SPID2 XXXYYYZZZZ100

**Standard Telephone (GA)**

SPID1 XXXYYYABCD

SPID2 XXXYYYEFGH

(last two digits of phone number repeated)

**US West**

XXXYYYZZZZ1111

or

01YYYZZZZ00

or

01YYYZZZZ000

**Verizon**- See Bell Atlantic, Bell Atlantic North, or GTE.

**Vermont Telephone**

XXXYYYZZZZ0101

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