Guidelines for ordering your ISDN service

What is ISDN?

ISDN (Integrated Services Digital Network)is an international network (like the telephone network) that supports rapid data transmission between many different types of personal communications devices, such as telephones, computers, and fax machines. With an ISDN line, you can send and receive both voice and other data (such as pictures, text, or video images) simultaneously, at very high speeds (up to 64,000 bits per second). Your QuickTime Conferencing software has been designed to take advantage of ISDN technology.

Types of ISDN lines

The following sections summarize the types of ISDN lines that may be available to you. Types of ISDN lines offered may differ from region to region. If you are given a choice of line types, order the National ISDN-1 configuration.

When ordering your ISDN service, follow the guidelines below for the type of line you're ordering. You may want to copy the guidelines and fax them to your ISDN service provider to expedite the ordering process.

Guidelines for ordering a National ISDN-1 line

Service type:

- Choose Circuit-Switched Data (CSD) on the first B-channel.

- Choose Circuit-Switched Data/Voice (CSD/V) on the second B-channel.

Maximum number of B-channels:	2
TEI assignment:	Dynamic
Packet mode:	No
Number of call appearances:	1 if you choose CSD/V; otherwise none
Terminal type:	A (basic call terminal)
Protocol version control (PVC):	2 (on Northern Telecom lines only)
EKTS:	No requirement
Service profile identification numbers (SPIDs)	2 (one per B-channel)

Make sure you receive the correct service profile identification numbers (SPIDs) with your ISDN line. Also make sure your ISDN provider informs you which B-channel has voice capabilities.

Guidelines for ordering an AT&T Custom 5ESS (5E6, 5E7, 5E8, and 5E9) line

Service type:

- Choose Circuit-Switched Data (CSD) on the first B-channel.

- Choose Circuit-Switched Data/Voice (CSD/V) on the second B-channel.

Maximum number of B-channels:	2
Line configuration:	Point-to-point (Do not order multipoint.)
TEI assignment:	Dynamic
Packet mode:	No
Number of call appearances:	1 if you chooseCSD/V; otherwise none
Terminal type:	D if you chooseCSD/V; otherwise A (basic call terminal)
Bearer service restrictions:	None (DMD on both channels)
EKTS:	No requirement
One touch:	No
Auto hold:	No

Note: The information in this section is for Custom 5ESS lines only. If you can order a 5ESS line that is configured to the National ISDN-1 standard, please refer to the guidelines in the previous section.

Guidelines for ordering a Northern Telecom DMS Custom (with BCS-33 through BCS-36) line

Service type on both B-channels:

Service type:

- Choose Circuit-Switched Data (CSD) on the first B-channel.

- Choose Circuit-Switched Data/Voice (CSD/V) on the second B-channel.

Telephone numbers:	2 (with SPIDs)
TEI assignment:	Dynamic
Terminal type:	A (basic call terminal)
Bearer service restrictions:	None
Ringer indicator:	Yes
EKTS:	No requirement
Authorized call types:	CMD
MXK:	Not applicable, or default

Make sure you receive the correct service profile identification numbers (SPIDs) with your ISDN line. Also make sure your ISDN provider informs you which B-channel has voice capabilities.

Additional equipment you may need

You may need a network terminal adapter (also known as an NT-1 box) in addition to the hardware provided in your ISDN Kit. Be sure to ask your ISDN provider what type of NT-1 box you need, if any.

You may be able to purchase an NT-1 box from your ISDN provider or your local telephone company. You can also obtain one from any of the following sources:

Company	Phone number	Model name
Intellicom	1-800-884-ISDN	Various models
PicturePhone Direct	1-800-810-9966	Tone Commander NT1U-220TC
Quicomm	1-800-244-3688	NT-1 Network Terminator

030-7726-A