



SEATREK'S
All-Purpose Recipes for Success

The Joy of videoconferencing

IVC Best Practices

What is Interactive Videoconferencing?

It is the transmission of synchronized images (video) and speech (audio) between two or more physically separate locations, simulating a conversation as if the participants were in the same location. This is accomplished through the use of:

- **cameras** (to capture video from your side)
- **video displays** (to display video from the other side)
- **microphones** (to capture and send audio)
- **speakers** (to play audio from the other side).

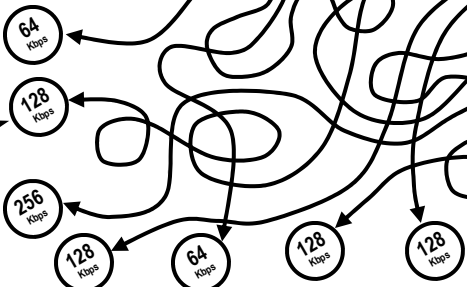
In addition to these more obvious components, a videoconferencing system also includes a **codec** ("COmpressor/DECompressor"), a user interface, a computer system to run on, and a network connection (usually IP or ISDN).

WHICH IS BETTER:
IP OR ISDN?

SOMEONE UNPLUGGED THE IVC SYSTEM TO PLAY A DVD.

CAN YOU COMPLETE THE CALL?

HOW MANY ISDN* LINES DOES IT TAKE TO MAKE A GOOD CONNECTION? FIND OUT BY USING A MARKER TO TRACE ALL THE LINES THAT CONNECT TO THE TV.



*ISDN: Integrated Services Digital Network, international standard for the digital transmission of voice, data, and signaling.
**KBPS: Kilobits per second, a measurement of bandwidth.

MOTE
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Mail us your placemat and you could win a free SeaTrek videoconference! See our website for details.



WHAT SEATREK PROGRAM IS MOST POPULAR? CONNECT THE DOTS TO SEE OUR FAVORITE CREATURE FEATURE.



What are the Six Essential Ingredients for IVC Success?

1. A _____ in your place
2. A videoconference _____
3. Viewing _____
4. Another _____ to connect to
5. A _____
6. A _____ of _____

WHY DID THE TEACHER GO CROSS-EYED?

BECAUSE SHE COULDN'T CONTROL HER PUPILS!

IVC Word Search

T	N	I	O	P	I	T	L	U	M	G	H	S	R	A
C	R	B	R	A	I	M	X	N	N	C	W	B	P	O
V	V	A	E	C	N	W	U	I	D	P	U	L	H	C
W	L	N	P	K	T	V	M	T	N	S	A	C	O	S
J	L	D	E	E	E	A	C	B	I	N	I	D	J	T
G	N	W	E	T	R	K	S	I	N	N	E	H	L	E
X	F	I	K	F	A	Y	Z	I	W	C	G	S	L	S
V	I	D	E	O	C	O	N	F	E	R	E	N	C	E
V	M	T	T	U	T	G	L	A	T	E	N	C	Y	R
B	X	H	A	R	I	S	P	B	K	S	C	I	B	P
C	J	Q	G	T	V	L	O	C	O	T	O	R	P	K
M	C	O	N	N	E	C	T	I	O	N	G	J	P	B

BANDWIDTH
CODEC
CONNECTION
FRAMING
LATENCY
MULTIPOINT
MUTING
VIDEOCONFERENCE

GATEKEEPER
INTERACTIVE
ISDN
KBPS
PACKET
PLANNING
PROTOCOL
PRESETS

IT TAKES AT LEAST _____ LINES AT _____ KBPS** EACH TO COMPLETE THE CALL. THE TOTAL BANDWIDTH FOR THE CALL WAS _____ KBPS.

Three: 128 Kbps, 384 Kbps

Define the Word Search words using the hints on this placemat and the Glossary of Terms at the "Videoconferencing Cookbook" (www.videnet.gatech.edu/cookbook.en).