



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).

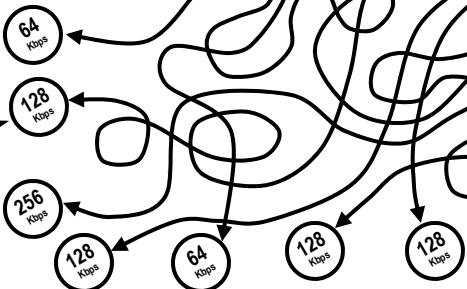
In addition to these more obvious components, a videoconferencing system also includes a **codec** ("COmpressor/DECompressor"), a user interface, a computer system to run on, and a network connection (usually IP or ISDN).

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.



MOTE
DISTANCE LEARNING
WWW.SEATREK.ORG

Mail us your placemat and you could win a FREE SeaTrek videoconference! See backside 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 _____

1. space, 2. system, 3. displays, 4. site, 5. connection, 6. A dash of commitment

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.

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

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).

To be eligible for a **FREE** SeaTrek program, please complete the information at the right. Visit our website for complete details (www.seatrek.org). Mail or fax your completed worksheet (both sides) to:

**Mote Marine Laboratory
Center for Distance Learning
1600 Ken Thompson Parkway
Sarasota, FL 34236**

fax: 941-388-3503

CONFIRMATION NUMBER : _____

FIRST NAME _____ LAST NAME _____

ORGANIZATION ADDRESS _____

CITY _____ STATE _____ ZIP _____

ORGANIZATION PHONE _____ ALTERNATE PHONE _____

EMAIL _____ CHECK HERE TO BE ADDED OUR MAILING LIST. INFORMATION WILL NOT BE TRADED OR SOLD.

Please complete our survey. Your feedback is important to us.

THE PROGRAM:

1. The program complements my teacher workshop.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION
2. The videoconference was effective in using videos, props, demonstrations, etc.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION
3. The teachers' interest was maintained throughout the program.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION
4. The program allowed sufficient interaction between the teachers and the presenter.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION
5. The program was a useful tool to help teachers become familiar with videoconferencing and videoconferencing etiquette.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION

THE PRESENTER:

1. The presenter displayed a thorough knowledge of the materials.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION
2. The presenter was well-prepared in presenting the program.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION
3. I would like to participate in more programs with this presenter.
STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE NO OPINION

What suggestions do you have for improving SeaTrek programs and/or for the presenter?

Where did you first hear about us?