

SIMPLWINDOWS NAME: VTEL Video Switching Controls

CATEGORY: Conferencing

VERSION: None

SUMMARY: Allows video sources on near and far ends to be switched, as well as graphics (slide) controls

GENERAL NOTES: This module should work with the following VTEL codec models - TC1000, TC2000, LC3000, LC3200, LC5000. They should have ESA Version 2.0 or later software loaded. All testing at Crestron was performed using a LC3000 with ESA Version 2.0 loaded.

The Crestron control system uses the port that would normally be used by the VTEL tablet.

In a dual monitor system, video output 1 will show the near end video being sent, and allow previewing of the PC and PEN-PAL. Video outputs 2 and 3 will show the far end video, and the PIP (if turned on) will show the video currently being sent to the far end.

In a single monitor system, video output 1 will show the far end video, and allow previewing of the PC and the PEN-PAL. The PIP, if turned on, will show the video currently being sent to the far end.

This module allows all video sources on both near and far ends of a conference to be selected/switched. It also allows access to the graphics (slide) functions on the VTEL. Use the LIVE functions to send the selected device to the far end.

Use the RECEIVE functions to specify which source you would like to receive from the far end. Use the RECORD functions to specify what source will be routed to the local VCR for recording. In addition, you can preview the PC and PEN-PAL sources on the local monitor, before sending the PC to the far end. The SLIDE functions control the high resolution graphics transmission/viewing.

CRESTRON HARDWARE REQUIRED: ST-COM, CNXCOM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: ESA Version 2.0 or later

VENDOR SETUP: Command touch must be loaded. This is done as follows:

1. Choose the Set Configuration Menu under the Show Tools Toolbar.
2. Choose Launch Advanced Configuration Program.
3. Scroll the menu bar over, and select Pointing Devices.
4. Select the VTEL Command Touch box
5. Select No Tablet
6. Choose Finish. You will be prompted to reboot the codec.

CABLE NUMBER: CNSP-124

CONTROL:

RECORD-NEAR	D	Routes the near end video to the VCR output of the codec
RECORD-FAR	D	Routes the far end video to the VCR output of the codec
RECORD-SLIDE	D	Routes the Graphic (slide) to the VCR output of the codec
SEND-LIVE-1-4, VCR, PC	D	Routes the desired source to the far end
RECEIVE-1-4, VCR	D	Selects which far end source will be sent to the near end
VIEW-PC	D	Previews the PC locally
VIEW-PEN-PAL	D	Previews the PEN-PAL locally
SLIDE-PRINT	D	Brings up the print dialog box for the currently selected slide
SLIDE-SAVE	D	Saves the current video image as a slide
SLIDE-SEND	D	Sends the current video image as a slide (high resolution graphics transmission)
SLIDE-FWD	D	Scrolls forward through the stored slides
SLIDE-REV	D	Scrolls backward through the stored slides
VTEL-RX\$	S	Serial data string to be routed to a 2-way RS232 port.

FEEDBACK:

SEND-LIVE-1-4, VCR, PC-FB	D	Feedback indicating which source is currently being sent to the far end. If the far end requests a different source, it will NOT be reflected correctly on these outputs
VTEL-TX\$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	3.18.06, 5.01.29x
COMPILER USED FOR TESTING:	SimplWindows Version 1.21.00
SAMPLE PROGRAM:	VTELTSTA
REVISION HISTORY:	None