

Setting up Image Video S-Core Router Interface Test

1. Install Tally System Console 2 from

ftp://TSI_USER2%2Eimagevideo%2Ecom:xiS8od@www.imagevideo.com/GB/ TALLY_CONSOLE/

2. Download files from

ftp://TSI_USER2%2Eimagevideo%2Ecom:xiS8od@www.imagevideo.com/GB/ FILES/SC-Aug-2018/

3. Install virtual machine on Windows PC using VMware® Workstation v11.
4. Unzip and load files from VM.ZIP.
5. Run TSI-4000 VM.
6. To change IP address of TSI-4000 press the following keys: T, 3, and Enter to get this screen:

```
03:Comm debug                                     page 1   of 108
Wtchdog on      000      Interface#      001      FastSave      000
Shared CPU     65535     Sr blocking     001      Tq CHgList     00000
TskChk Ctr      000      Sys Eval      015      SysErrCnt      4778
TskChk On       000      TskChk Err     000      Trace max      040
Gbln str tmr    90000     Gbln err tmr   240000     Gbln str sts    00032

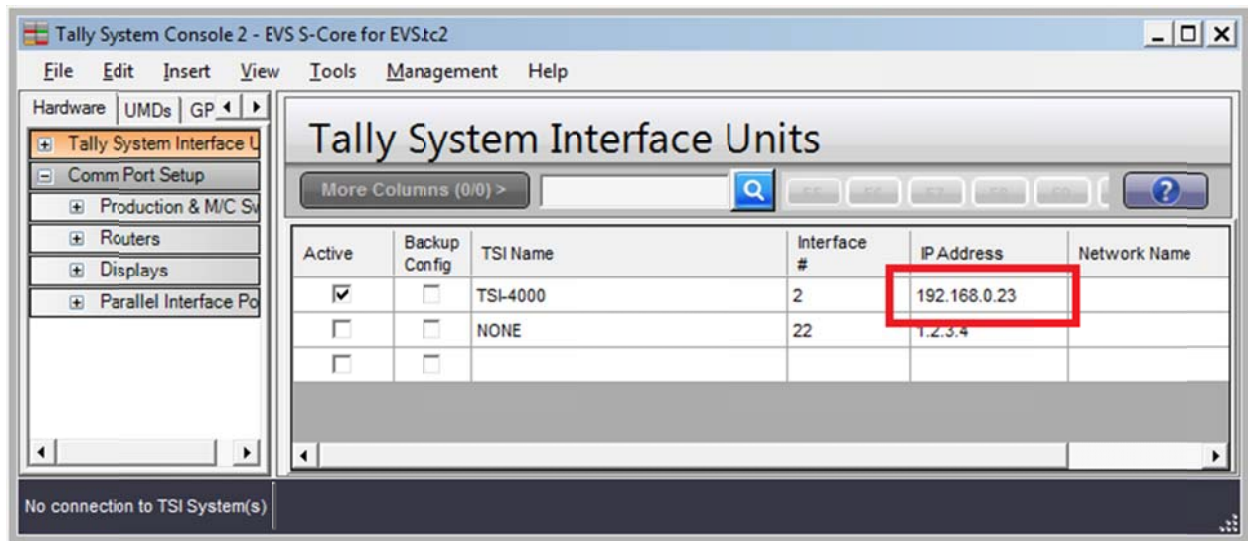
Net Info:IPA,SNM,GTW,MAC  Tab:Select F3:Execute F4:Discard
NET1  [192.168.000.161]  255.255.255.000  192.168.000.252  00.25.90.ca.b7.17
NET2   192.168.002.161  255.255.255.000  000.000.000.000  00.25.90.ca.b7.16
        000.000.000.000  000.000.000.000  000.000.000.000  00.00.00.00.00.00
        000.000.000.000  000.000.000.000  000.000.000.000  00.00.00.00.00.00

NET1      000.000.000.000  000.000.000.000
NET2      000.000.000.000  000.000.000.000
        000.000.000.000  000.000.000.000
        000.000.000.000  000.000.000.000

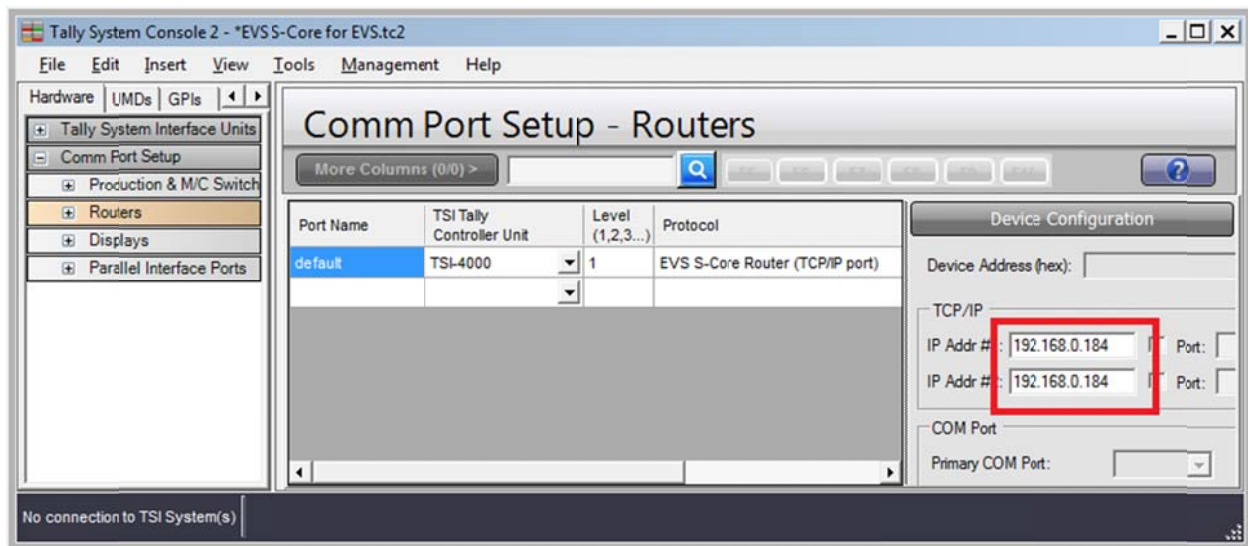
TAB,type,ENTER,F3 to save and reboot>_
DbgIPAddress  000.000.000.000  000.000.000.000  F1:(Insert,n.n.n.n,Enter)
DbgThreadID   00000                                F2:(Insert,n,Enter)
```

7. Press Tab twice to position the square bracket cursor over the "NET1" IP address.
8. Type the IP address and press enter.
9. Tab to the subnet and gateway setting and repeat as needed.
10. Press F3 to accept the changes. The program will restart.

11. Start Tally System Console and load file “evsScore for EVS.tc2”
12. Click Hardware > “Tally System Interface Units” and modify TSI-4000 IP address.

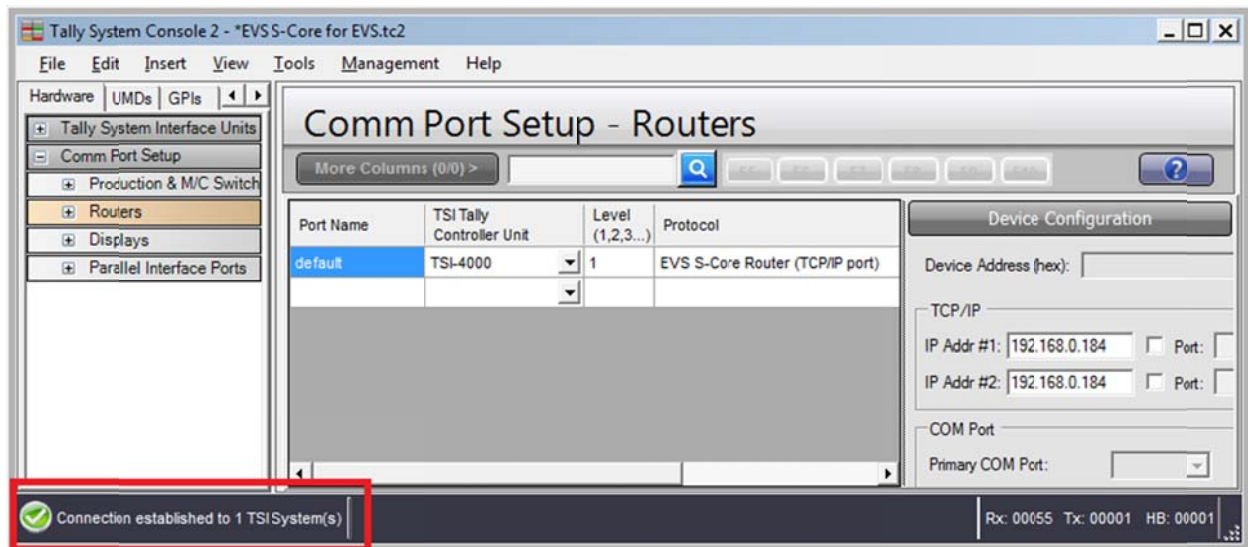


13. Click Hardware > Routers > default and set both IP address to that of your S-Core server.



14. Press Ctrl-U to upload the changes.
15. Back at the Virtual Machine terminal press Ctrl-A, Ctrl-R to restart the program.

16. At the Tally System Console press Ctrl-K to connect to the TSI-4000.



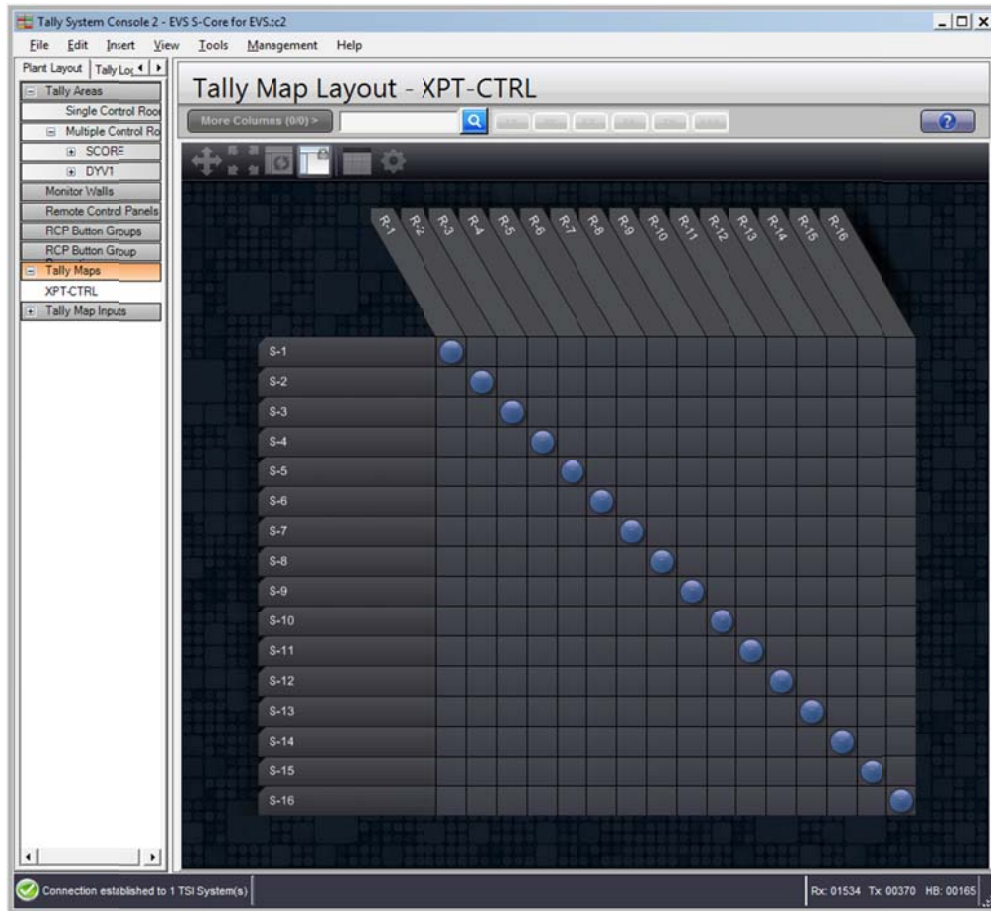
17. Click on UMDs > Display Devices, then click on “More Columns”

UMD Device Name	Device Port	ID / Serial #	Monitoring Style	Monitoring Description	Tally Area	Live Display
01	TSCLCLIENT	001	Destination	Dest R-1: Selected source shown in Styl...	SCORE	CAM12
02	TSCLCLIENT	002	Destination	Dest R-2: Selected source shown in Styl...	SCORE	CAM-2
03	TSCLCLIENT	003	Destination	Dest R-3: Selected source shown in Styl...	SCORE	CAM-3
04	TSCLCLIENT	004	Destination	Dest R-4: Selected source shown in Styl...	SCORE	CAM-4
05	TSCLCLIENT	005	Destination	Dest R-5: Selected source shown in Styl...	SCORE	CAM-5
06	TSCLCLIENT	006	Destination	Dest R-6: Selected source shown in Styl...	SCORE	CAM-6
07	TSCLCLIENT	007	Destination	Dest R-7: Selected source shown in Styl...	SCORE	CAM-7
08	TSCLCLIENT	008	Destination	Dest R-8: Selected source shown in Styl...	SCORE	CAM-8
09	TSCLCLIENT	009	Destination	Dest R-9: Selected source shown in Styl...	SCORE	CAM9
10	TSCLCLIENT	010	Destination	Dest R-10: Selected source shown in St...	SCORE	CAM10
11	TSCLCLIENT	011	Destination	Dest R-11: Selected source shown in St...	SCORE	CAM11
12	TSCLCLIENT	012	Destination	Dest R-12: Selected source shown in St...	SCORE	CAM12
13	TSCLCLIENT	013	Destination	Dest R-13: Selected source shown in St...	SCORE	CAM13
14	TSCLCLIENT	014	Destination	Dest R-14: Selected source shown in St...	SCORE	CAM14
15	TSCLCLIENT	015	Destination	Dest R-15: Selected source shown in St...	SCORE	CAM15
16	TSCLCLIENT	016	Destination	Dest R-16: Selected source shown in St...	SCORE	CAM-16
17	TSCLCLIENT	017	Destination	Dest R-17: Selected source shown in St...	DYV1	
18	TSCLCLIENT	018	Destination	Dest R-18: Selected source shown in St...	DYV1	
19	TSCLCLIENT	019	Destination	Dest R-19: Selected source shown in St...	DYV1	
20	TSCLCLIENT	020	Destination	Dest R-20: Selected source shown in St...	DYV1	
21	TSCLCLIENT	021	Destination	Dest R-21: Selected source shown in St...	DYV1	
22	TSCLCLIENT	022	Destination	Dest R-22: Selected source shown in St...	DYV1	
23	TSCLCLIENT	023	Destination	Dest R-23: Selected source shown in St...	DYV1	
24	TSCLCLIENT	024	Destination	Dest R-24: Selected source shown in St...	DYV1	
25	TSCLCLIENT	025	Source	Source CAM-1: shown in Style A with pr...	DYV1	CAM-1
26	TSCLCLIENT	026	Source	Source CAM-2: shown in Style A with pr...	DYV1	CAM-2
27	TSCLCLIENT	027	Source	Source CAM-3: shown in Style A with pr...	DYV1	CAM-3
28	TSCLCLIENT	028	Source	Source CAM-4: shown in Style A with pr...	DYV1	CAM-4
29	TSCLCLIENT	029	Source	Source CAM-5: shown in Style A with pr...	DYV1	CAM-5
30	TSCLCLIENT	030	Source	Source CAM-6: shown in Style A with pr...	DYV1	CAM-6
31	TSCLCLIENT	031	Source	Source CAM-7: shown in Style A with pr...	DYV1	CAM-7
32	TSCLCLIENT	032	Source	Source CAM-8: shown in Style A with pr...	DYV1	CAM-8

If the router interface is running correctly the TSI-4000 will be sending sequential takes to the output “R-1” for inputs S-1 through S-16. A take is sent once per second. This will be reflected in a change of source name in the top UMDs. Depending on the routing of outputs R-2 through R-16 a red tally may be seen moving through the first 16 UMDs.

Crosspoint control

1. In Tally Console press Ctrl-K to confirm it is online.
2. Click on tab Plant Layout > Tally Maps > XPT-Ctrl > View to open the crosspoint control tally map.



3. Clicking on crosspoints allows the first 16 x 16 crosspoints (S-1 through S-16 selected by outputs R-1 through R-16) to be controlled via the S-Core router interface.

The following features are programmed into the test configuration.

1. EVS S-Core interface
2. EVS DYVI switcher interface. The IP address of this switcher needs to be set at Hardware > "Comm Port Setup" >
 - a. The default port is 6669.
 - b. Router outputs R-17-R-24 are assigned as inputs to the first 8 inputs of the DYVI switcher ("Unit_1_SDI_1" through "Unit_1_SDI_8"). See Tally Console > I/O and Signals tab > Signal Paths tables for this setup.
 - c. This allows a simulation of router destinations feeding the DYVI switcher, which would be reflected on UMDs 17 through 32 on the "UMDs" editor of the Tally Console.

Notes:

1. In order to clear the TSI-4000 configuration go to the VM terminal and enter Ctrl-A, Ctrl-D. This will restart the program without a configuration. The configuration can then be reloaded from the Tally Console.