<u>Typical Tally System Setup</u> <u>Using Tally System Console 2</u>

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🖶 Tally System Console 2 - * <new session="" unsaved=""></new>					
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Hardware UMDs 1/0 and Signals 1	TS	311000 Sy	/stems		
	Active	TSI Name	Interface #	IP Address	1
Switcher or Router Devices		CB1	2	192.169.0.201	
GPI Outputs					
Control Panels		1			-

1. Define Tally Controller:

1.1. Click on Hardware > TSI1000 Systems.

1.2. In the "TSI1000 Systems" type an name for each controller into the Name column.

1.3. Type an interface number for each controller into the Interface # column.

1.4. Type an IP Address for each controller into the IP address column.

Background information:

The TSI Name is used in other parts of the configuration to assign a host TSI1000 to UMDs, GPI outputs and router / switcher devices. The host TSI1000 is the controller networked or wired to each of the assigned devices in order to communicate with them.

The Interface Number is an identifying number programmed into each TSI1000 in order to identify which UMDs, GPI outputs and router / switcher devices it controls. TSI1000s which are paired to operate with an Image Video ACO for redundancy have the same Interface number. The factory default value for the Interface Number is "2". See Appendix A on how to program the TSI1000 interface number.

2. Define Routers:

🔚 Tally System Console 2 - *.					
Eile E	dit	⊻iew	Expressions	M	
Hardware) UMI	Ds 1/0 a	ind Signals 1 💶 🕨		
TSI1000 Systems					
🕂 Comm Port Setup					
Switcher or Router Devices					
GPI Outputs					
Contro	Control Panels				



2.1. Click on Hardware > Comm Port Setup "+" expansion icon, then click on "Routers" bar to open the Routers port setup menu.

Comm Port Setup - Routers					
Device Name	TSI1000 System	Protocol	Device Configuration		
RTR	CR1 💌	NVISION Router (TCP/IP port)	Device Address (hex):		
		_	TCP/IP IP Address #1: 192.168.0.221		
			IP Address #2: 192.168.0.222		

- 2.2. Type in a short name for the router device in the Device Name column (RTR, RTR1, RTRB, CR1, etc.).
- 2.3. Select an item from the TSI1000 Systems dropdown.
- 2.4. Select a router protocol from the Protocol dropdown.
- 2.5. Select a serial (COM) port or an IP address for the router from the Device Configuration pane on the right.

Hardware UMDs 1/0 and Signals 1 🖊 🕨				
TSI1000 Systems				
Comm Port Setup				
Production & M/C Switchers				
Displays				
Parallel Interface Ports				
 Parallel Interface Devices 				
Switcher or Router Devices				
RTR				
GPI Outputs				
Control Panels				

2.6. Click on the Hardware > Switcher or Router Devices bar to open the router and switcher device editor.

Switcher / Router Devices				
Device Name	Device Port		Level	# of
RTR	RTR	•	1	256
		•		256

2.7. Enter a level number in the Level column. This can be a single number or a list of numbers separated by commas.

Background: The level number relates to levels in the router that are typically used to transport various types of signals though the router(SD, HD, embedded audio, etc.). The Image Video tally system can assign and track router inputs and outputs on multiple levels. The router levels to be tracked are assigned here in order to define level columns in other parts of the configuration.

3. Define Display Port:

Hardware UMDs 1/0 and Signals 1	Hardware UMDs 1/0 and Signals 1	Hardware UMDs 1/0 and Signals 1 🔶
TSI1020 Systems	TSI1000 Systems	TSI1000 Systems
Comm Port Setup	Comm Port Setup	Comm Port Setup
Production & M/C Switchers	Production & M/C Switchers	Production & M/C Switchers
⊞ Routers	⊕ Routers	⊞ Routers
		🗉 Displays
Parallel Interface Ports	Parallel Interface Ports	Parallel Interface Ports
 Parallel Interface Devices 	 Parallel Interface Devices 	 Parallel Interface Devices
		⊕ Switcher or Router Devices
GPI Outputs	GPI Outputs	GPI Outputs

3.1. Click on the Hardware tab, Comm Port Setup "+" icon and the "Display" menu bar to bring up the "Displays" port editor.

Comm Port Setup - UMD Status Devices				
Device Name	TSI1000 System	Protocol	Device Configu	
CR1-UMDS	CR1 🔽	Tri-color display (RDU-1500)	•	
	•		Device Addre	

3.2. In the editor in the right pane type in a name for the UMD port.

3.3. In the "TSI1000 System" column select the host TSI1000 controller for the port.

Background: the host TSI1000 controller is the controller to which UMD display assigned to this port hardware will be connected.

3.4. In the "Protocol" column select the display type / protocol.

D	evice Configuration	
	Device Address (hex):	
	IP Address #1:	
	IP Address #2:	
	COM Port	
	Primary COM Port:	СОМ8
	Secondary COM Port:	

3.5. Also in the "Displays" editor, select the physical port of the host TSI1000 to which UMDs assigned to this port will be wired.

Note: for network-interfaced UMDs an IP address entry field rather than a serial port selection will be automatically made available if an IP-based UMD protocol is selected. 4. Define Production Switcher:



- 4.1. Click on Hardware > Comm Port Setup > Production & M/C switchers.
- 4.2. Select a TSI1000 from the TSI1000 Systems dropdown.
- 4.3. Select a router protocol from the Protocol dropdown.
- 4.4. Select a serial (COM) port or an IP address for the router from the Device Configuration pane on the right.

5. Define Sources:





- 5.1. Click on I/O and Signals tab.
- 5.2. Click on Source Definitions bar.

Source Name	Short Name	Long Name	Device Input SWR	Device Input RTR Level 1
CAM1	CAM 1	CAM 1 - BILL	1	101
CAM2	CAM 2	CAM 2 - JOE	2	102
CAM3	CAM 3	CAM 3 - FRANK	3	103
CAM4	CAM 4	CAM 4	4	104
CAM5	CAM 5	CAM 5	5	105
EVS 1	EVS 1	BLUE	6	056
EVS 2	EVS 2	RED	7	057
EVS 3	EVS 3	GREEN	8	058
REM 61	REM 61	WASHINGTON	9	048
REM 62	REM 62	NEW YORK	10	049
REM 63	REM 63	ATLANTA	11	050
REM 64	REM 64	BEIJING	12	051

Source Definitions

5.3. In the source definitions editor in the right pane, enter the names of signal sources in the "Source Name" column. These names are for identification purposes rather than display and should be kept mnemonically short and descriptive.

Editing Tips: Names and numbers can be pasted into the editor columns from a spreadsheet. Pressing Ctrl-Enter copies the name from the cell above and copies it into current cell with an increment applied (e.g. CAM1 is copied down as CAM2). Pressing F1 opens a command window into which a list of names can be created

using dashes and comma. For example typing CAM1-10 into the command window automatically enters a list of names CAM1 through CAM10 into the current column, starting at the current cell).

- 5.4. In the Short Name and Long Name columns enter names for the sources as they are required to be displayed on monitor walls.
- 5.5. Under the remaining columns, named for the router levels and production switchers defined in the previous steps, enter the input names or numbers that identify the various router and switcher inputs fed by each source.

Background: The following is a list of router types that require the use of mnemonic name in the device input assignment columns. All other types of routers and all production switchers use numbered inputs.

Sony DVS Series Router (S-BUS port) GVG Encore Router (TCP/IP port) GVG SMS-7000 Router (TCP/IP or COM port)

6. Define UMDs:

🔜 Tally System Console 2 - d	🔜 Tally System Console
<u>Eile E</u> dit <u>V</u> iew Expressions !	<u>Eile E</u> dit <u>⊻</u> iew Express
Hardware UMDs 1/0 and Signals 1	Hardware UMDs 1/0 and Signals
主 Display Devices (UMDs)	💿 Display Devices (UMDs)

- 6.1. Click on UMDs tab.
- 6.2. Click on Display Devices Menu Bar.

Editing Tips: Names and numbers can be pasted into the editor columns from a spreadsheet. Pressing Ctrl-Enter copies the name from the cell above and copies it into current cell with an increment applied (e.g. CAM1 is copied down as CAM2). Pressing F1 opens a command window into which a list of names can be created using dashes and comma. For example typing CAM1-10 into the command window automatically enters a list of names CAM1 through CAM10 into the current column, starting at the current cell).

Display Devices (UMD)					
	UMD Device Name	Device Port	ID / Serial #		
	CAM 01	CR1-UMDS	33001		
	CAM 02	CR1-UMDS	33002		
	CAM 03	CR1-UMDS	33003		
	CAM 04	CR1-UMDS	33004		
	RS 1	CR1-UMDS	33005		
	RS 2	CR1-UMDS	33006		
	RS 3	CR1-UMDS	33007		
	RS 4	CR1-UMDS	33008		
	EVS A	CR1-UMDS	33009		
	EVS B	CR1-UMDS	33010		
	EVSIC	CR1-UMDS	33011		
<	EVS D	CR1-UMDS	33012		

6.3. For each UMD enter a name and a serial number. Also select the port to which the UMD will be connected.

Background: Any UMD name up to 16 characters in length is allowed. The serial number is a UMD identifier used in the communications with each particular

UMD, and needs to match similar information in the UMD hardware or UMD setup. The device port is created the Hardware > Displays menu.

C	Display	Devic	е	s (Ul	MD)		
	UMD Device Name	Device Port		ID / Serial #	Monitoring Style		Monitoring Description
	CAM 01	CR1-UMDS	•	33001	Source	•	Source CAM 1 - BOB: Default display style wi
	CAM 02	CR1-UMDS	•	33002	Source	•	Source CAM 2 - BILL: Default display style wi
	CAM 03	CR1-UMDS	•	33003	Source	-	Source CAM 3 - FRANK: Default display styl
	CAM 04	CR1-UMDS	•	33004	Source	-	Source CAM 4 - JOE: Default display style wi
	RS 1	CR1-UMDS	•	33005	Dest:Source	-	Destination RS1: Destination name and sele
	RS 2	CR1-UMDS	•	33006	Dest:Source	-	Destination RS2: Destination name and sele
	RS 3	CR1-UMDS	•	33007	Dest:Source	-	Destination RS3: Destination name and sele
	RS 4	CR1-UMDS	•	33008	Dest:Source	-	Destination RS4: Destination name and sele
	EVS A	CR1-UMDS	•	33009	Source	-	Source COMMERCIAL A: Default display styl
	EVS B	CR1-UMDS	•	33010	Source	•	Source COMMERCIAL B: Default display styl
,	EVS C	CR1-UMDS	•	33011	Source	•	Source PLAYOUT 1: Default display style wit
Ì	EVS D	CR1-UMDS	•	33012	Source	•	Source PLAYOUT 2: Default display style wit
			•			-	

6.4. For each display select a monitoring style. The monitoring style sets the functionality of a UMD, for example whether the UMD is displaying the name of a fixed source, or the source selected by a given signal output.

UND	Desice Part	1	۳ł	Sector	21	Manhaira Shie	Monitoring Description	Test	Taledon	
Name	10.00		A DOCUMENT	100000	-		1	L'ANDE	1000	
100/401	040	-81	40000	6	쥥	Source Long A	Source Care 1 - 606 long n.	-	CRI	- 2
100401	UND	- 21	40006	8	싃	Contained M	Course CAM 2 - Bit loss of	-	CRI	-
10014-01	UND	륑	ADVOC		믭	Survey and	Concertable A Di Livera	-	CPI	-8
12014-02	UND	10	A9007	12	숺	Ostion .	Loss once of concerned	-	CR2	- 10
200402	UND	10	4007	2	1	Oution .	L'anne came cit source ce de	-	CB2	- 51
2014/02	UND	1	43027	12	12	Destion .	Lorg name of source on de	-	CR2	- 11
V/0/4/0	UMD	10	43027	4	12	Dertions .	Long name of pource on de		012	- 12
100/403	UMD	10	40026	1	1	Source Shert	Source NEHD A shart was.		013	- 12
VI0/403	UMD	1	40028	2	12	Source Shart .	Souce ND4DB that say		0703	- 10
V00/4-03	UND	10	40028	3	1	Source Short .	Source NE4D C shet nem	-	010	- 10
100/403	UMD	1	40028	4	1	Scarce Shart .	Scarce NE40 D short run		013	- 10
14		1		1	1		1		1	-91

6.5. For each display select the tally area. The tally area determines which control room will control the on-air and next-to-air tally for this UMD.

Background: Tally areas are defined under Plant Layout > Tally Areas. A tally area is set up automatically when a production switcher is created in Hardware > Comm Port Setup > Production & M/C Switchers.

🔡 Tally System Console 2 - c
Eile Edit View Expressions (
Hardware UMDs 1/0 and Signals 1 + +
🕀 Signal Paths
CAM01
CAM02
C AM03
CAM04

6.6. Click on the "I/O and Signals" tab, then click on the "Source Definitions" "+" icon to expand the "Source Definitions" list.

Handware UMDs 1/0 and Signes 1.4 + Signal Paths	Display Devices (UMD)										
 Source Definitions CAM01 CAM03 	UND Device Name	Device Port		ID / Serial #	Monitoring Style	ŝ	Monitoring Description				
CAMP	CAM Of	CR1-UNDS	-	33001	Source	-	Source CAN 1 - BDB: Default display style wi				
CANDA	UAM CE	CR4 UMDS		33002	Source	-	Source CAN 2 - BLL: Default display style w				
DEK01	CAM 03	CR1-UNDS	-	33003	Source	-	Source CHM 3 C 4nd's Default display etyl.				
DEK02	CAM 04	CRI-UNDS		33004	Source	*	Source CAN 4 - JDE: Defaulduplay style wi				
EVS A	RS 1	CR1-UNDS		33005	Dest Source		Destination FIS1: Destination name and sele				
EVS-8	R5 2	CR1-UNDS		33006	Dest Source		Destination RS2 Destination name and sale				
EVS-C	RS 3	CR1-UNDS	-	33007	Dept Source	-	Destination FS3 Destination name and sale				
EVS-D	RS-4	CR1-UNDS		33008	Dest Source	-	Destination RS4 Destination name and sale				
Desthalion Definition:	EVSA	CR1-UNDS	-	33009	Source	-	Source COMMERCIAL A: Default display styl				
SWH - Mput Names	EVSB	CR1-UNDS	*	3301.0	Source	-	Source COMMERCIAL 8: Default display da				
DID and Line Allower	EVSC	CR1-UNDS		33011	Source		Source PLAYOUT 1: Delault dioplay obje wit				
BIB Javal 1 . Outrat Namer	EVSD	CR1-UNDS		33012	Source		Source PLAYOUT 2 Default display sigle with				
FILL STREET STREET			-		1	-	Sec. 20				

6.7. Drag a source from the Source Definitions pane into the Monitoring Description column. This assigns the source monitored by the UMD. The monitoring description will automatically change to reflect the assigned source.

7. Define GPI interface ports:

GPI interface ports interface parallel I/O devices such as relay closure inputs and outputs and parallel-like devices such as control panels. To define these ports:

Hardware	UMDs 🛛 I/O and Signals 🗍 💶 🕨								
TSI1800 Systems									
😑 Comm	Comm Port Setup								
🕀 🕀 Pr	 Production & M/C Switchers 								
⊞ B €									
🕀 🕀 Di	splays								
🛨 Pa	arallel Interface Ports								
🛨 Pa	arallel Interface Devices								
🛨 Switch	E Switcher or Router Devices								
🕀 GPLO	GPI Outputs								
🛨 Contro	l Panels								

7.1. Click on the "Hardware" tab and on the "Parallel Interface Ports" menu bar to open the "Parallel Interface Ports" editor.

Comm Port Setup - Parallel Interface Ports

Device Name	TSI1000 System	Туре	Port	Address Block	
Τ×I	CR1 🔽	TXI-Series 💽	TXI-Series 💌	0	
4211	CR1 🔽	4211 💌	СОМ7 💽	400	
	•	•	•		

7.2. Type a name for a parallel interface port.

The port name is arbitrary and used in other parts of the configuration to identify this port.

7.3. Select a TSI1000 from the TSI1000 Systems dropdown column.

This is the TSI1000 to which the parallel interface hardware on this port will be connected.

7.4. Select a parallel interface type from the Type dropdown column.

The types of GPI ports are:

- 4211-series - For serial-interfaced relay-based GPI input and output closures.

- TXI-series For IP-interfaced relay-based GPI input and output closures.
- *RCP* For serial-interfaced control panels, which are treated as GPI inputs for button presses and GPI outputs for button LED states.
- 7.5. For 4211 or RCP port types, select a serial (COM) port. For TXI-series parallel interfaces, which are IP based, no port is selected (IP addresses for these are defined in the Parallel Device setup menu).

This is the port to which the parallel interface hardware will be connected.

7.6. Type a GPI address block value for the port.

Background: For each TSI1000 each GPI input and output has an address. Each parallel interface port is allocated a contiguous block of these addresses.

The value typed into the address block column sets the GPI address of the first GPI input and output on the first parallel interface device connected to this port.

The address block value should be selected to leave remove room for the anticipated maximum number of GPI inputs or outputs on each port.

Valid addresses are in the range 0-8195, in multiples of 8.

8. Define GPI units:





8.1. Click on the Parallel Interface Devices "+" menu expansion icon and click on the "4211" menu bar.

Parallel Interface Device - 4211								
Name	Device Port	Address						
4211-1	4211 💌	0						
4211-2	4211 💌	40						
4211-3	4211 💌	80						
	-							

- 8.2. Type a name for each 4211 unit.
- 8.3. Select a port for each 4211 unit.
- 8.4. The GPI address of each 4211 unit is automatically displayed in the Address column.

9. Define GPI outputs:

Hardware UMDs 1/0 and Sigr 4	Hardware UMDs 1/0 and Sigr 4
TSI1000 Systems ■	TSI1000 Systems ■
🗉 Comm Port Setup	E Comm Port Setup
 Switcher or Router Devices 	. Switcher or Router Devices
GPI Outputs	GPI Outputs
4211-1	4211-1
4211-2	4211-2
4211-4	4211-3
4211-3	4211-4

9.1. Click on the GPI Output "+" menu expansion icon and click on a sub-menu bar to pick one of the previously defined GPI units. This will open the GPI unit editor.

GPI Outputs - 4211-1

GPI Output Name	Output Address	# of Outputs	Monitoring Style	Monitoring Description
CAM01	0	1	Source On Air 🛛 🔒 💌	GPO on when [] is on air
CAM02	1	1	Source On Air 🛛 🔒 💌	GPO on when [] is on air
CAM03	2	1	Source On Air 🛛 🛛 😖 💌	GPO on when [] is on air
CAM04	3	1	Source On Air 🛛 🛛 😖 💌	GPO on when [] is on air
			•	

- 9.2. For each GPI output enter a name, a zero-based GPI output address number, and "1" for the number of outputs.
- 9.3. For each GPI output select a monitoring style. The monitoring style selects the logical behavior of the GPI outputs. Typically the "Source on air" monitoring style is used to fire the GPI output when a source associated with the GPI output goes on air.

UMDs 1/0 and Signals GPI In	UMDs
🗄 Signal Paths	. E S
Source Definitions	🖻 S
Destination Definitions	
	C
	c
BTR Level 1 - Input Names	c
■ RTR Level 1 - Output Names	D
	D
	E
	E
	E E
	E E

	UMDs 1/O and Signals GPI In 💶 🕨
	主 Signal Paths
_	Source Definitions
_	C.M01
_	C AM02
_	C AM03
	C AM04
	DEK01
_	DEKO2
_	EVS-A
_	EVS-B
_	EVS-C
_	EVS-D
_	Destination Definitions
_	SWR - Input Names
_	SWR - Output Names
_	BTR Level 1 - Input Names
	BTR Level 1 - Output Names

9.4. Click on the "I/O and Signals" tab, the "Source Definitions" "+" menu expansion icon to open the list of sources.

Tally System Cons Elle Edit Ylew Expr	ole 2 - *demo2.xml assions <u>M</u> anagement Help				
UMDs 170 and Signals GPT In_	GPI Outpu	uts - 421	1-1		
C AND	GPI Output Name	Dulput Address	# of Outputs	Monitoring Style	Monitoring Description
C AM02	CAM01	٥	1	Source Dn Air 🖉 💌	GPO on when C AM01 is on air
C AM03	CAM02	1	1	Source Dn Air 🛛 🔒 💌	GPO on when [] is to air
C AM04	CAM03	2	1	Souce Dn Air 🛛 🔒 💌	GPO on when [] is on an
DEKD1	CAM04	3	1	Source Dn Air 🛛 🔒 💌	GPO on when [] is on air
DENUZ					

9.5. Drag a source from the Source Definitions list to the Monitoring Description column of the GPI output editor. Monitoring Description column will automatically change to reflect the source that is now associated with it.

API Out	PI Outputs - 4211-1						
GPI Output	Outout	tt of	1				
Name	Address	Outputs	Monitoring Style	Monitoring Description	Tally Area		
CAM01	0	1	Source On Air	🕒 🗾 GPO on when CAM 1 - BOB is on air	CR1 📉		
CAM02	1	1	Source On Air	🕒 🗾 GPO on when CAM 2 - FRANK is on air	CR1		
CAM03	2	1	Source On Air 🛛	🕒 🗾 GPO on when CAM 3 - JIM is on air	CR1		
CAM04	3	1	Source On Air 🛛 🕯	🕒 🚽 GPO on when CAM 4 - BILL is on air	CR1		
CAM05	4	1	Source On Air	🕒 🗾 GPO on when CAM 5 is on air	CR1		
CAM06	5	1	Source On Air	🕒 🗾 GPO on when CAM 6 is on air	CR1		
		1		•			

9.6. For each GPI output select the tally area. The tally area determines which control room will control this GPI output; when the control room in this tally area takes the source assigned to the GPI to air, the GPI output is turned on.

Background: The tally areas are defined under Plant Layout > Tally Areas. A tally area is set up automatically when a production switcher is created in Hardware > Comm Port Setup > Production & M/C Switchers.

10. Changing Source Names:

Each source has an identifying name which is not normally displayed on UMDs, and a long and a short name which are displayed on UMDs. Changing a long or short name changes the appearance of the source name wherever it appears on any UMD. Whether the long or short name is displayed in a given UMD depends on the monitoring style selected for the given UMD.

Hardware UMDs 1/0 and Signals 14 +
표 Signal Paths
🗉 Source Definitions 📉
🗉 Destination Definitions
. SWR - Input Names
. SWR - Output Names
■ RTR Level 1 - Input Names

10.1. Click on the "I/O and Signals" tab, and click on the "Source Definitions" menu to open the Source Definitions editor.

Background: Signal sources that more than one router or switcher inputs are required to be in the Source Definitions table. Other signals (feeding only one router or switcher input) may be entered into this table for consistency, which, for the purpose of making name changes, has the advantage of having all sources in one table.

Source Definitions

Source Name	Short Name	Long Name	SWR Inputs	RTR Level 1 Inputs
C AM01	CAM 1	CAM 1 - BOB	1	101
C AM02	CAM 2	CAM 2 - BILL	2	102
C AM03	CAM 3	CAM 3 - FRANK	3	103
C AM04	CAM 4	CAM 4 - JOE	4	104
DEK01	DEKO 1	RED	5	105
DEK02	DEKO 2	GREEN	6	106
EVS-A	SERVER A	COMMERCIAL A	7	107
EVS-B	SERVER B	COMMERCIAL B	8	108
EVS-C	SERVER C	PLAYOUT 1	9	109
EVS-D	SERVER D	PLAYOUT 2	10	110

10.2. Check that the device input to be renamed is in one of the router or switcher input columns. If so edit the long and short names for that input.

Background: The router and or switcher input columns are created dynamically as different routing and switching devices are defined in the system (in the Hardware > Switcher or Router Devices menu). The values in these columns specify the particular device inputs that a signal source is feeding.

Har	dware UMDs 1/0 and Signals 1 + +
±	Signal Paths
Ŧ	Source Definitions
Ŧ	Destination Definitions
Ŧ	SWR - Input Names
Ŧ	SWR - Output Names
Ŧ	RTR Level 1 - Input Names
±	RTR Level 1 - Output Names

10.3. If the input is not in the Source Definitions table, click on the "I/O and Signals" tab, then click on the menu bar for the router or switcher to which the input belongs. This will open an editor for the router or switcher inputs.

Resource	Input -	RTR Level	1	
IO Name	Short Name	Long Name	Style A	Style B
101	C AM01	C AM01	Long 🗾	Style A 📃 💌
102	C AM02	C AM02	Long 🗾	Style A 📃 💌
103	C AM03	C AM03	Long 🗾	Style A 📃 💌
104	C AM04	C AM04	Long 🗾	Style A 📃 💌
105	DEKO1	DEKO1	Long 💌	Style A 📃 💌
106	DEKO2	DEKO2	Long 🗾	Style A 📃 💌
107	EVS-A	EVS-A	Long 🗾	Style A 📃 💌
108	EVS-B	EVS-B	Long 🗾	Style A 📃 💌
109	EVS-C	EVS-C	Long 🗾	Style A 📃 💌
110	EVS-D	EVS-D	Long 💌	Style A 📃 💌
201	UTIL 1	Tape 1	Long 🗾	Style A 📃 💌
202	UTIL 2	Tape 2	Long 🗾	Style A 📃 💌
203	UTIL 3	Edit A	Long 🗾	Style A 📃 💌
204	UTIL 4	Edit B	Long 🗾	Style A 📃 💌
205	REM 101	Washington	Long 🗾	Style A 📃 💌
206	REM 102	New York	Long 💌	Style A 📃 💌
207	REM 103	Atlanta	Long 💌	Style A 📃 💌
208	REM 104	Beijing	Long 🗾	Style A 📃 💌

10.4. If the input already exists in the table, edit the long and short name.

203	UTIL 3	Edit A	Long
204	UTIL 4	Edit B	Long
205	REM 101	Washington	Long
206	REM 102	New York	Long
207	REM 103	Atlanta	Long
208	REM 104	Beiji	he encoted on
	+	the last line of th	e editor.

109	EVS-C	EVS-C	Long
110	EVS-D	EVS	Long .
•	+	Ctrl-Enter opens a	a new line
201	UTIL 1	Tape above the selected	l line.
202	UTIL 2	Таре	
203	UTIL 3	Edit A	Long
204	UTIL 4	Edit B	Long
205	BEM 101	Washington	Long

- 10.5. If the input is not in the table, type a new input name or number into the "IO Name" column on the last row of the editor, or press Ctrl-insert to create a new line, then enter the number IO name.
- 10.6. For the new input, type in a new short and long name. The style A and Style B setting can usually be left at the respective default settings of Long and Style A.

11. Customizing the Interface:

The Tally System Console deals with many details of configuring a tally system, but a lot of these details are unnecessary for the many day-to-day operations or for some common engineering tasks. To give different facility departments access to only the tools needed for their application, the Tally System Console can customized to delete unused menus, editors and editor columns. For example production personnel may need to change source names but may not need to edit UMD monitoring styles.

11.1. If an editor is going to be customized, navigate to the editor using the left pane menu tree.

🔚 Tally System Console 2 -	demo2.xml	
File Edit View Expressions	Management Help	
Hardware UMDs 1/0 and Signals 1	Security	· (118.45
E Display Devices (UMDs)	Customize Interface	ces (UML
· · · · · · · · · · · · · · · · · · ·	Configuration	
2		Device Port
	CAM 01	CR1-UMDS 💽 🤇
	CAM 02	CR1-UMDS 💽 💽
	Console 2 - demo2.xml Expressions Management Help and Signals 1 Security Customize Interface Cess (UN (Ds) Customize Interface Cess (UN UMU Device Name Device Port CAM 01 CR1-UMDS CAM 02 CAM 03 CR1-UMDS C	CR1-UMDS 💽 🤇
1		

11.2. Click on Management > Customize Interface.



11.3. To remove menu items, click on the Menu Interface tab and uncheck the items that are not needed.

Menu / Interface Table Columos - Page 1 🔯	
Resource I/O Items	
🛛 🔽 1/0 Name	
Short Name	
Long Name	
Style A	
🛛 🖓 Style B	
Priority	
- Dependent UMDs	
🛛 🖂 🗹 Display Urins	
🗌 🗌 🔽 Display Name	
Device Port	
ID/Serial #	
🖉 🗹 Section #	
Tally Area	-

11.4. To remove an editor or to remove columns from an editor, click on the "Table Columns" tab then uncheck column items from the appropriate editor branch of the checkbox tree.



11.5. To create custom pages within the current an editor, click "Add New Table Page", then edit the column checkboxes to add or remove columns within the page.

C	Display De	evices (UM	D)			
	UMD Device Name	Device Port	ID / Serial #	Monitoring Style	Monitoring Description	
	CAM 01	CR1-UMDS	33001	Source 💌	Source CAM 1 - BOB: Defa	
	CAM 02	CR1-UMDS	33002	Source 💌	Source CAM 2 - BILL: Defa	
	CAM 03	CR1-UMDS	33003	Source 💌	Source CAM 3 - FRANK: D	
	CAM 04	CR1-UMDS	33004	Source 💌	Source CAM 4 - JOE: Defau	
	RS 1	CR1-UMDS	33005	Dest:Source	Destination RS1: Destinatio	
	RS 2	CR1-UMDS	33006	Dest:Source	Destination RS2: Destinatio	
	RS 3	CR1-UMDS	33007	Dest:Source	Destination RS3: Destinatio	
	RS 4	CR1-UMDS	33008	Dest:Source	Destination RS4: Destinatio	
	EVS A	CR1-UMDS	33009	Source 💌	Source COMMERCIAL A: D	
	EVS B	CR1-UMDS	33010	Source 💌	Source COMMERCIAL B: D	
	EVS C	CR1-UMDS	33011	Source 💌	Source PLAYOUT 1: Defaul	
<	EVS D	CR1-UMDS	33012	Source 💌	Source PLAYOUT 2: Defaul	
		•		-		

11.6. Later on when using the custom interface, added custom pages will be selected by clicking on the vertical control bar to the left of the editor.

Cu	stom Int	erface Manager	<u>- 🗆 ×</u>
ſ	Custom Interf	ace File Management	
	New	Create new custom interface	
	Open	Open a custom interface file	
	Save As	Save custom interface to a file	
1.00			A.9

11.7. When done customizing the interface, click "Save as..." to save the customization changes to a file, then click OK.

General TSI Network Console Interface Importing ✓ Automatic create Switcher/Router device from port name Style A default: Long ✓ GPI Inputs zero-based Style A default: Long ✓ Show DA device Style B default: Style A ✓ DA device to use first active TSI interface # Manually select interface #: 2 2 ✓ Update TSI on immediate changes ✓ Validate tables before updating TSI Show full file path of session file in application title Custom interface to load on startup:	k Console Interface Importing ate Switcher/Router device from port name o-based Style A default: Long ▼ Style B default: Style A ▼ Style B default: Style A ▼ Style A default: Style A ▼ Style B default: Style A ▼ Style A default: Style A ▼ Style B default: Style B default: Style A * Style B default: Style B de	Configuration			_ 🗆 >
 Automatic create Switcher/Router device from port name GPI Inputs zero-based Show DA device DA device to use first active TSI interface # Manually select interface #: 2 = Update TSI on immediate changes Validate tables before updating TSI Show full file path of session file in application title Custom interface to load on startup: C:\Tally System\Setup\engineering.ini Definition templates location: C:\Program Files\ImageVideo\Tally System Console 2\ 	ate Switcher/Router device from port name b-based b-based ce style A default: Style B default: Style A	General TSI Network Console Interface Importing			
C:\Tally System\Setup\engineering.ini Definition templates location: C:\Program Files\ImageVideo\Tally System Console 2\ Library templates location:	etup\engineering.ini s location: mageVideo\Tally System Console 2\ cation: mageVideo\Tally System Console 2\	 Automatic create Switcher/Router device from port name GPI Inputs zero-based Show DA device DA device to use first active TSI interface # Manually select interface #: 2 :: Update TSI on immediate changes Validate tables before updating TSI Show full file path of session file in application title Custom interface to load on startup: 	Style A default: Style B default:	Long Style A	×
Definition templates location: C:\Program Files\ImageVideo\Tally System Console 2\	s location: mageVideo\Tally System Console 2\	C:\Tally System\Setup\engineering.ini			
C:\Program Files\ImageVideo\Tally System Console 2\	mageVideo\Tally System Console 2\ cation: mageVideo\Tally System Console 2\	Definition templates location:	·		
Library templates location:	ication: mageVideo\Tally System Console 2\	C:\Program Files\ImageVideo\Tally System Console 2\			
	mageVideo\Tally System Console 2\	Library templates location:			
C:\Program Files\ImageVideo\Tally System Console 2\		C:\Program Files\ImageVideo\Tally System Console 2\			

- 11.8. To assign the customization file to be used automatically next time the Tally System Console is opened, click Management > Configuration > General and enter the file path in the "Custom interface to load on startup" field and click OK.
- 11.9. Exit and restart the Tally System Console. The customization changes will take effect.
- 11.10. Customization files can be passed as command line parameter to the Tally System Console application, which allows different batch files to be used to easily invoke different customizations of the Tally System Console.