

Overview

The configuration of scrollable ranges through Scroll Lists is supported on

- Single profile advance panel types (CP1040E and CP2272E)
- LCD button type RLink panels (CP-1000E, CP-2024E, CP-2032E and CP-2048E)

Creating Scroll Lists

The Interfaces page now has a tab titled Scroll Lists, they are added as one of two types, either Source or Destination lists.

Interfaces							
Multi-Profile Single-Profile	Symphony	Quartz	Magnum	Profile	e Management	Scroll Lists	
O Add 🗇 Delete							
SELECT: All, None, Modified Clear Filters							
ID [▲] Status Name	Т	уре	Available Por	ts			
			Add Scroll	List	Source Destinat	List Ust Jone	×

Figure 1. Add Scroll List Window And Type Selections

When a created Scroll List is entered the ports of devices in the system can be made available by clicking on them (similar to standard profile availability.)

HOME SYS	DME SYSTEM- NAMES TALLY- INTERFACES REPORTS- CONTROLS- ADMIN- PLUGINS- @ HELP- COTOILLIST LAYOUT: CAMS												
_	Surros												
Sou	sources												
Lating Mode: = Availability													
Order	Availability	Device	Port [▲]	Global Name	Nameset Name								
	· · ·	EQX											
1	Available	EQX	1	CCU01- EQX	CCU01- EQX								
2	Available	EQX	2	CCU02- EQX	CCU02- EQX								
3	Available	EQX	3	CCU03- EQX	CCU03- EQX								
4	Available	EQX	4	CCU04- EQX	CCU04- EQX								
5	Available	EQX	5	CCU05- EQX	CCU05- EQX								
6	Available	EQX	6	CCU06- EQX	CCU06- EQX								
7	Available	EQX	7	CCU07- EQX	CCU07- EQX								
8	Available	EQX	8	CCU08- EQX	CCU08- EQX								
9	Available	EQX	9	CCU09- EQX	CCU09- EQX								
10	Available	EQX	10	CCU10- EQX	CCU10- EQX								
	Unavailable	EQX	11	CCU11- EQX	CCU11- EQX								
	Unavailable	EQX	12	CCU12- EQX	CCU12- EQX								
	Unavailable	EQX	13	CCU13- EQX	CCU13- EQX								
	Unavailable	EQX	14	CCU14- EQX	CCU14- EQX								
	Unavailable	EQX	15	CCU15- EQX	CCU15- EQX								
	Hososilabla	FOV	16	COULS FOX	COULS. FOY								





The quantity of available ports within a scroll list can be observed on the interfaces page itself, if there are many scroll lists within a system the user does not have to enter each one individually to determine the number of ports currently available.

In	Interfaces												
	Mul	ti-Profile		Single-Profile	Symphony	Quartz	Magnum	Pro	ofile Management	Scroll Lists			
C	Ø Add │ 🛱 Delete												
SE	SELECT: All, None, Modified Clear Fitters												
		ID≜	Status	Name		Туре	Available	Ports					
	ø	12		(CAMS	Sources	1	0					

Figure 3. Scroll List With Available Ports Representation On The Interfaces Page

Panel Layout Configuration

Within Panel layouts there is a new tab named Button Layout that allows for an alternative way of programming what type of button is assigned to a position and what data will be set for that button.

To create a scrollable range of ports using a created scroll list, button types *Src Scroll List* or *Dest Scroll List* are selected.

The data value assigned to these button types is the name of the scroll list itself.

Interface	Layout: 22	72-1								Menu: Menu 1 🔻 🔽	= =>	Copy Paste	Revert	Send Done
			CAMS CAMS CA	MB CAMS CAMS	S Sol Up Den			E				Key Setting Type Auto-Menu Data Legend Attachment Subpanel	Src Scroll List - CAMS Primary 1	-
Button Layout	Sources	Destinations	Settings	Name Sets					E	xpand Editing Profile: 2272	2-1_profile			
Button Position	Туре	Data												
												Subpanel D	efaults	
Button 1	Src Scroll List	CAMS									_	Subpanel	1.7	Undefinite I
Button 2	Src Scroll List	CAMS	los									Level(s)	Video	Highlight 🗆
Button 3	Src Scroll List	CAMS											A1	
Button 4	Src Scroll List	CAMS	\cup										A2	
Button 5	Src Scroll List	CAMS											A4	
Button 6	Src Scroll Up	S SclUp											A5	
Button 7	Src Scroll Down	S SclDwn											A7	
Button 8	Not Used												A8	I

Figure 4. Assigning a Source Scroll List To Buttons From The Button Layout Tab

The ability to page up and down through the range of ports still utilizes the *Src Scroll Up* and *Src Scroll Down* button types.

Ports made available to a panel via Scroll List will not be visually represented as *Available*, showing in green, within the layout page.

Interf	face Lay	out: 2	272-1			Menu: Menu 1 🔻 🖘	Copy Paste	Revert	Send Done
							Key Setting Type Auto-Menu Data Legend Attachmen Subpanel	Src Scroll List CAMS Primary 1	
Button	/Export	Sources	Desti	nations	Settings Name Sets	Expand Editing Profile: 2272-1_profile			
SELECT AI	None Clear Fillers Availability	Clear Fillers Device	Po	rt [≜] Glol	al Name Nameset Name	View: Global	Subpanel D	efaults	
		EQX	¥				Subpanel	1 •	Highlight 🗐
	Unavailable	EQX	1	CCU0	- EQX CCU01- EQX N		Level(s)	Video _	
	Unavailable	EQX	2	CCU0	- EQX CCU02- EQX			A2	
	Unavailable	EQX	3	CCU0	- EQX CCU03- EQX VQ			A3 A4	
	Unavailable	EQX	4	CCU0	- EQX CCUD+- EQX			A5	
	Unavailable	EQX	5	CCU0	- EQX CCU05- EQX			A6 A7	
	Unavailable	EQX	6	CCU0	- EQX CCU06- EQX			A8	
	Unavailable	EQX	7	CCU0	- EQX CCU07- EQX			A9 A10	
	Unavailable	EQX	8	CCU0	- EQX CCUU8- EQX			A11	

Figure 5. Availability Observed With Scroll List Assigned To Buttons



Ports observed on the Source and Destinations tabs cannot be made available or unavailable by clicking on them.

Assigning ports to Source, or Destination button types will automatically be represented as Available in the GUI, inversely, if that button is deleted from the layout or the data value of that button is changed that port will be made unavailable.

In the below example, two source buttons are added to the layout and a data value of *CAM01* and *CAM02* are assigned to the buttons, they are automatically highlighted in green and marked as available



Figure 6. Availability Representation of Ports Assigned To Source Button Types

Changing source button CAM02's data value to CAM05, port CAM02 automatically becomes unavailable and CAM05 becomes available.

Ш	F	ICI		٦П	٦								l	Upload Required
HOME	SYSTE	NAMES	TALLY - IN	TERFACES	i REP	ORTS - CONTROL	S - ADMIN - PLUGINS - 🕐	HELP -	_		 	_	L	ogout Administrator
Inte	rfa	ce Lay	out: 2	272-	·1						Menu: Menu 1 🔹 🖘 👘	Copy Paste	Revert	Send Done
But	itton Lay	out	Sources		Pestinatio	CAMS CAM	S CAME CANE CANE & So S S			E	and Editing Protile: 2272-1_profile	Key Setting Type Auto-Menu Data Legend Attachment Subpanel	Source	
📧 Imp	port/Exp	port												
SELECT: Order	: All, Nor	e Clear Fillers Availability	Clear Filters Device		Port ^A	Global Name				Nameset Name	View: Global	Subpanel D	efaults	
		•	VIRTUAL	•								Subpanel	1 🔻	Highlight 🗆
1	v	Available	VIRTUAL		1	CAM01				CAM01		Level(s)	Video _ A1	
	V	Unavailable	VIRTUAL		2	CAM02				CAM02			A2	
	v	Unavailable	VIRTUAL		3	CAM03				CAM03			A4	
	V	Unavailable	VIRTUAL		ŧ	CAM04				CAM04			A5 A6	
2	V	Available	VIRTUAL		5	CAM05				CAMOS			A7	
		Chartenous	TINTOPIC			Chindo				Childo			NO	

Figure 7. Availability Representation When Re-Assigning Data Value To Source Button Types

The *Src Scroll Down* button can have a configurable endpoint set via the Data drop down selection box. This endopoint can be another Scroll List Created within the system.

In	ter	fac	ces						opy Paste	Revert Send Done
	Mul	ti-Profile	s	Single-Profile Symphony	Quartz	Magnum	Profile Management	Scroll Lists	Key Settings	
SE	Add	I, None	elete , Modified Clea	ar Filters					Туре	Src Scroll Down
		ID≜	Status	Name	Туре	Available Por	ts		Auto-Menu Data	- V
			•						Legend	SrcSCRL
	0	12		CAMS	Sources	10			Attachment	
H		13		AUD	Sources	6		_	ouppunct	CAMS
F	6	14		MON	Sources	19				AUD
									T	MON





Example endpoint configuration citing the configuration in *Figure 7 & 8*

If the data value of *AUD* is selected for the *Source Scroll Down* button, when paging through the ports of CAMS, the sources available in the Scroll List *AUD* will also be observed and able to be selected on the panel itself.

In order to scroll to through the configured endpoint lists ports it **must** be assigned to a button on that panel. If no endpoint is set (default value of *SrcSCRL*) you will be able to scroll through all ranges (previous stipulation still true)

Impact & Benefit

The efficiency of utilizing scroll lists to program panels provides a way to modify the availability of scrollable ranges, adding or removing ports, which could be present across multiple panels in the system.

This prevents the need for a user to manage each unique panel's availability or multi edit groups of panels and havint to remember which ranges are available to those panels.

Ex. Three panels with the same Scroll List assigned to them.



Figure 9. Multiple Layouts With Repeated Src Scroll List Assignment

Ex. Scroll List *CAMS* has ports added, when done is clicked the panels with this Scroll List available to it will be marked as edited in the GUI

 ø	VIDEO AT	UF-22/2L		1/2-101-23/-171	LUD NOUTER FAMILES	VIDEOROOM AUDIO		
Ø	TAPE RACK 9-1 DDR3	CP-2272E	TAPE	192.170.1.12	LCD ROUTER PANELS	DDR 3A IN	•	
0	TAPE RACK 9-2 DDR3	CP-2272E	TAPE	192.170.1.13	LCD ROUTER PANELS	DDR 3B IN		
0	TAPE RACK 11-1 DDR4	CP-2272E	TAPE	192.170.1.16	LCD ROUTER PANELS	DDR 4A IN		
0	TAPE RACK 11-2 DDR4	CP-2272E	TAPE	192.170.1.17	LCD ROUTER PANELS	DDR 4A IN		
ø	TAPE RACK 13-1 DDR5	CP-2272E	TAPE	192.170.1.20	LCD ROUTER PANELS	DDR 5A IN	•	
P	TAPE RACK 13-2 DDR5	CP-2272E	TAPE	192.170.1.21	LCD ROUTER PANELS	DDR 5A IN		
0	TAPE RACK 15-1	CP-2272E	TAPE	192.170.1.24	LCD ROUTER PANELS	TAPE QC		
0	TAPE RACK 15-2	CP-2272E	TAPE	192.170.1.25	LCD ROUTER PANELS	TAPE QC		
6	TAPE T2 LEFT 1 DDR1	CP-2272E	TAPE	192.170.1.26	LCD ROUTER PANELS	DDR 1A IN		
ø	TAPE T2 CENTER 1	CP-2272E	TAPE	192.170.1.28	LCD ROUTER PANELS	TAPE QC		
ø	TAPE T2 RIGHT 1 DDR2	CP-2272E	TAPE	192.170.1.30	LCD ROUTER PANELS	DDR 2A IN		
Ø	DIRECTOR ISO	CP-2272E	ISO	192.170.1.32	LCD ROUTER PANELS	DIR ISO		
	PRODUCER ISO	CP-2272E	150	192 170 1 33	LCD ROUTER PANELS	PROD ISO	V	

Figure 10. Representation Of Panels Marked As Edited After Modification To Scroll List Availability

After the pending upload is committed the panels will have access to the ports added without the user having to have entered or modified the panels themselves.

This also prevents unnecessary bloat of a panel's availability, making all the ports of a device available to the interface without them actually being needed or assigned to any buttons on the panel itself.



Hiding Ports Within Scroll Lists

Inserting blanks is not supported within Scroll Lists, however ports within Scroll Lists can still be hidden.

To hide a port, right click on the port and click *Hide*, this will mark the port selected in a faded green color, still marked as available and its order maintained.

Scro	crollList Layout: CAMS									
	Source	5								
Editing	Mode:	Availability	•	_						
SELEC	F: All, No	ne Clear Filters								
Order		Availability	Device	Port	Global Name		Nameset Name	View: Global 🔻		
		•	· ·							
1		Available	EQX	1	CCU01- EQX		CCU01- EQX	A		
2		Available	EQX	2		Make Analabla	CCU02- EQX			
3		Available	EQX	3	CCU03- EQX	Make Available	CCU03- EQX			
4		Available	EQX	4	CCU04- EQX	Hide	CCU04- EQX			
5		Available	EQX	5	CCU05- EQX	Make Uni	CCU05- EQX			
6		Available	EQX	6	CCU06- EQX		CCU06- EQX			
7		Available	EQX	7	CCU07- EQX		CCU07- EQX			
8		Available	EQX	8	CCU08- EQX		CCU08- EQX			
9		Available	EQX	9	CCU09- EQX		CCU09- EQX			
10		Available	EQX	10	CCU10- EQX		CCU10- EQX			
		Unavailable	EQX	347	AD 1 ISO- EQX		AD 1 ISO- EQX			

Figure 11. Hiding An Available Port Within a Scroll List

If a port is hidden the effect this will visually have on the range of sources on panel is that port will not be selectable, the button will not represent that port.

Paging through the sources in this range will still populate other available sources on that buttons location, only the hidden port will not be selectable.

CCUD1		CCU03	CCU04 E0X	CCU05 E0X	SRC PAGE UP	SRC PAGE DOWN
CCUDB	CCU07 Eax	CEUOS	CCNOa	CCU10	SRC PAGE UP	SRC PAGE DOAN

Figure 12. Hidden Port Representation On A Physical Panel