

18 December 2019

1. Configure the physical IP for each L488 in the EXT Units menu. You'll need to use the Read/Transmit functions under the "Server Settings" tab for each of the IP CPU EXT units:

						Remote Configuration Mode activated
ID	40192480		CPU Assigned	01003 IPC_04019	2480	
Name	EXT_04019	2480				
Port	40					
Fixed						
Location						
Link 1	Device: E I/O board I/O board Matrix po	nterprise 48 1: 5 1 port: 8 rt: 40				
Extender Typ	e Firmwar	e Version Param	eters USB-HID Ghosting	EDID Server Setti	ngs	
Open Save A	As Read	Transmit Reset	Assign			Press 👕 (Transmit) to write changes
Hostname		IPCPU-01				
DHCP						
Address		192 . 168 . 100	D. 87			
Subnet Mas	k	255 . 255 . 0	. 0			
Gateway		0.0.0	. 0			
DNS Server		0.0.0	. 0			
NTP Server		0.0.0	. 0			
TimeZone		(GMT -05:00) Eas	stern Time (US & Canada)		~	
Keyboard La	Keyboard Layout German		~			
Hotkey		Alt Left	~			
Atter	ntion! Reading	g and writing the Se	erver Settings results in a s	hort interrupt of the c	onnection.	

2. Give the IP CPU a standard device name, as you would with any IHSE CPU extender:

View	^ *	Ext	ender & Devices	- CPU Devices										
Matrix		CPU	CPU Groups IP	Session Config										
Port Grid			ID	Nama	r	ID	1007			CPU Assigne	ed			
Control		#			•	Name	IP CP	J1	1	CON Connec	ted			
Control	^	01	01001	EIC PC 1		IP Direct Config		~	- C	CPU Colors		•	on	~
Extended Switch		03	01003	LSM UI 1A		Allow Private				Exclusive Ac	cess			
Presets		04	01004	LSM UI 3A		Force Private								
Status & Updates	^	05	01005	EVS 5		Fix Frame Color		~						
Status - Matrix Firmware		06	01006	GVG K2		FIX FIAILIE COIOI		•						
Status - Extender Firmware		07	🕞 01007	IP CPU 1		Reference	(no	reference set)						
Update - Matrix Firmware	- 1	08	01008	CPU_040212279	11	2 Step Access								
Update - Extender Firmware		09	01009	WFM 103C		Extender Assignm	ent C	ON Access Control	User Acc	ess Control	Monitor A	Arrangement		
Activate Configuration		10	01010	EIC PC 2			5 .44						Estender	
Miscellaneous	_	11	01011	LSM UI 1B	11		EXIE	nder available					Extendera	assigne
System Settings	^	12	01012	LSM UI 3B		ID Name	Port	Red. Port			#	ID	Name	Port
System		13	01013	LSM UI 6A						•	01	40212760	KVMT_509B	53
Access				WELL COP							02			

Afterwards, click on the "Configure IP CPU" function in the lower left-hand portion of the screen to begin with the setup:

🐚 Tera Tool 3.8.1.0												
File Edit Device Extras	2											
Open Save Reload C	onnect <u>D</u> i	sconnect	Deactivate Edit Mo	de Remote Save	d Up	bload Monitoring	g Flash Update I	Device Finder	System Check Save Statu	IS		KVM & Beyond
20191216161909_GRIDIRON_Azip Master ×												
View	^	≜ Ex	tender & Devid	es - CPU Devices								
Matrix		CPU	U CPU Groups	IP Session Config								
Port				٦								
Grid		#	ID	Name	0 1	D	1007		CPU Assigned			
Control	_	_	01	01001	WFM 103A	Name	IP CPU 1		CON Connected			
Control	^	02	01002	EIC PC 1		IP Direct Config		~	CPU Colors	🕶 on	•	
Extended Switch		03	01003	LSM UI 1A					Exclusive Access			
Presets		04	01004	LSM UI 3A		Configure IP	CPU					
Status & Updates	^	05	01005	EVS 5	-11	Steps		Select an I	P CPU Device			
Status - Matrix Firmware Status - Extender Firmware Update - Matrix Firmware		06	01006	GVG K2		1. Select an	IP CPU Device	Perform th	e following steps:			
	re	07	🕞 01007	IP CPU 1		2. Session	Management	1. Select	an IP CPU Device			
		08	01008	CPU_040212279						~		
Update - Extender Firmwa	are	09	01009	WFM 103C				IF CFU				
Miscellaneous		10	01010	EIC PC 2								
Sustam Cattinga		11	01011	LSM UI 1B								
system settings	~~	12	01012	LSM UI 3B	-							
System		13	01013	LSM UI 6A								
Access		14	01014	WFM 505								*
Network		15	01015	IP CPU 2								
Date and Time		16	01016	CPU_040212281								
Matrix Grid		17	01017	RTR OUT 3817								
Extender & Devices	^	18	01018	EIC PC 3		The second seco	20					v
EXT Units		19	01019	EVS 1		K	VM & Beyond					×
CPU Devices		20	01020	EVS 3			,					
CON Devices		21	01021	LSM UI 6B						< <u>B</u> ac	INEXT > Finis	
User Settings	~	22	01022	LSM UI 9A								
Users & Groups		23	01023	LOIM OF 6A	Ē		-		T	Use keys <+	or and <-> to move extend	er
Assignment	^	A	ssign Settings to	Copy Settings from	L	Configure IP CPU				<u>N</u> ew Devic	e <u>D</u> elete Device	Apply <u>C</u> ancel
100 100 10 1		*									0	

3. Multiple 'Session Devices' can be assigned to a single IP CPU and each of these 'Session Devices' points to what we call a 'IP Session Config' (RDP, VMW, SSH, etc).

Configure IP CPU						×						
Steps	Sessi	on Managem	ent									
 Select an IP CPU Device Session Management 	To use the IP CPU Device, a Session Device must be created and assigned. At the same time an IP Session Config must be assigned to the Session Device. The IP Session Config defines the type of IP connection.											
	Perform the following steps:											
	1. A	1. Add a new Session Device. (Multiple Session Devices can be assigned to the IP CPU Device.)										
	2. A	ssign an IP S	ession Config in the correspo	nding column.								
	3. If a	 If no IP Session Config is yet configured, press the button Add IP Session Config and configure your new IP Session Config accordingly. 										
	#	ID	Name	IP Session Config		Delete						
	01	1119	Example Device			×						
ihse. KVM & Beyond	Add	I new Sessio	n Device		Add new IP Session	n Config						
				< <u>B</u> a	Ack Next > Einish	Cancel						

Click on 'Add new IP Session Config' to establish settings pertaining to the session:

Configure IP CPU		a chicago			X
Steps	Session Manager	nent			
1. Select an IP CPU Device	To use the IP CPU	Device, a Session Device must be	created and assigned. At th	he same time an IP Se	ession Config must be assigned to
2. Session Management	Add new IP Session Devic	e. The IP Session Config defines the onfig	e type of IP connection.	×	D
			1		
	ID	1	Resolution	1920 x 1080	
	Name	Example_Session	Connect Timeout [sec]	0	
	Туре	VMW 🗸	Full Screen		new IP Session Config
	User Name	chris	Sound	Local	
	Password	******	Protocol	PCoIP	Delete
	Domain		VM Type	Desktop	
	Hostname/IP Addr	10.10.50.3	VM Name		
	Port	443			
	4			•	
				Ok Cancel	
	Add new Sessi	on Device		_	Add new IP Session Config
INSE.	L				
KVM & Beyond					
				< <u>B</u> ack	Next > Einish Cancel

4. Assign the newly created 'IP Session Config' to the 'Session Device' using the pull-down menu:

Configure IP CPU						_				×	
Steps	Sessi	on Managem	ent								
 Select an IP CPU Device Session Management 	To use the IP CPU Device, a Session Device must be created and assigned. At the same time an IP Session Config must be assigned to the Session Device. The IP Session Config defines the type of IP connection.										
	Perform the following steps:										
	1. Add a new Session Device. (Multiple Session Devices can be assigned to the IP CPU Device.)										
	2. Assign an IP Session Config in the corresponding column.										
	 If no IP Session Config is yet configured, press the button Add IP Session Config and configure your new IP Session Config accordingly. 										
	#	ID	Name	IP Se	ssion Config					Delete	
	01	1119	Example Device		1					~ X	
				#	Name	Туре	User Name	IP Address	Port	Resolution	
				01	Example_Session	VMW	chris	0.0.0.0	443	1920 x 1080	
thse.	Add new Session Device Add new IP Session Config										
							< <u>B</u> ack	Next >	<u>F</u> inisł	Cancel	

If multiple sessions are to be assigned to an IP CPU, it will look like this:

😭 Configure IP CPU				-		-				×	
Steps	Sessi	on Managem	ent								
 Select an IP CPU Device Session Management 	To us the Se Perfo 1. A 2. A 3. If	 To use the IP CPU Device, a Session Device must be created and assigned. At the same time an IP Session Config must be assigned to the Session Device. The IP Session Config defines the type of IP connection. Perform the following steps: Add a new Session Device. (Multiple Session Devices can be assigned to the IP CPU Device.) Assign an IP Session Config in the corresponding column. If no IP Session Config is yet configured, press the button Add IP Session Config and configure your new IP Session Config accordingly. 									
	# ID Name IP Session Config Delete										
	01	1119	Example Device	Exam	ple_Session					×	
	02	1120	Example Device 2							~ X	
				#	Name	Туре	User Name	IP Address	Port	Resolution	
				01	Example_Session	VMW	chris	0.0.0.0	3389	1920 x 1080	
				02	RDP	RDP	zong	0.0.0.0	3389	1920 x 1080	
KVM & Beyond	Ado	I new Session	n Device				< <u>B</u> ack	Add n	ew IP S	ession Config	

5. Once 'Session Devices' have been assigned to the IP CPU, they will populate in the CPU device listing with an expansion tree:

Exte	ender & Devi	ces - CPU Devices
CPU	CPU Groups	IP Session Config
		Ť
#	ID	Name
01	01001	WFM 103A
02	01002	EIC PC 1
03	01003	LSM UI 1A
04	01004	LSM UI 3A
05	01005	EVS 5
06	01006	GVG K2
07	🗖 🖥 01007	IP CPU 1
08	S 011	19 Example Device
09	SS 0112	20 Example Device 2

6. Session configurations can be managed after-the-fact in the IP Session Config view.

Here's an example from another system:

Exte	ender &	Devices - CPU Devices						
CPU	CPU G	roups IP Session Config						
		Y						
#	ID	Name	(ID		3		Resolution	1920 x 1080 💉
01	00001	DIVA_Director	Name	F	ROSS_Project_Svr		Connect Timeout [sec	2] 0
02	00002	EMC_DATA_MGR	Туре		RDP 🗸		Full Screen	\checkmark
03	00003	ROSS_Project_Svr	User Name)	Xpression		Sound	Local 🗸
			Password	3	*****			
			Domain					
					10 10 50 157			
			IP Address		10 . 10 . 50	. 157		
			Port	3	3389			
			_					
			Extender	& Devices	s - CPU Devices			
			CPU CPU	Groups IP	Session Config			
						T		
			# ⊽ID		Name	•		
			01 🗖 🕞	01021	IP CPU	*		
			02	SS 01026	ROSS_Project_Svr			
			03	S 01023	DIVA_Director			
			04	SS 01022	EMC_DATA_MGR			

7. Send us the status file from TeraTool, so we can verify your configuration:

