

LI21NetworkNodes

Network Nodes for Linac Sector LI21

LCLS Naming Conventions
Network CAT6 Runs

Type: Cameras				
Subnet: LCLSVIDEO				
Speed: 1000				
Person: S. Peng				
Node Name	Model	Subsystem	Area	Rack Location

Type: VME Crate					
Subnet: LCLSUTIL					
Speed: Auto					
Node Name	Model	No of Slots	Subsystem	Area	Rack Location
CRAT-LI21-MG01	Wiener	21	Magnets	S20 Kly Gallery	LKG-0523
CRAT-LI21-BP01	Wiener	21	BPM	RF Hut	
CRAT-LI21-BL01	Wiener	7	Bunch Length	Klystron Gallery	

Type: Power Switch			
Subnet: LCLSUTIL			
Speed: Auto			
Model:			
Node Name	Person	Area	Rack Location

Type: Event				
Subnet: LCLSUTIL				
LAN Speed: 100				
Name Name	Model	Subsystem	Area	Rack Location
EVR-LI21-BP01	Event Receiver	BPM	RF Hut	

Type: EPICS IOCs							
Subnet: LCLSCA or LCLSDMZ							
LAN Speed: 1000							
*Serial Ports Per IOC:*1							
Node Name	Model	No of LAN Ports	SLC-Aware-IOC	Subnet	Subsystem	Area	Rack Location
IOC-LI21-MG01	MVME6100	2	Yes	LCLSCA	Magnets	S20 Kly Gallery	LKG-0523
IOC-LI21-BP01	MVME6100	2	Yes	LCLS???	BPM	RF Hut	
IOC-LI21-BL01	MVME6100	2	Yes	LCLS???	Bunch Length	Klystron Gallery	
IOC-LI21-PM01	MVME6100	2	No	LCLS???	Profile Monitor	Klystron Gallery	

Type: Motor Controller				
Subnet:				
LAN Speed:				
Node Name	Model	Subsystem	Area	Rack Location

Type: Ethernet Power Supply Controller	
Subnet: LCLSINST	

LAN Speed: 100			
Subsystem: Magnets			
Person: K. Luchini			
*Serial Ports Per Device:*1			
Node Name	Processor	Area	Rack Location
PSC-LI21-MG01	NetBurner MOD5082 Coldfire	Sector 20 Kly Gallery	LKG-0633

Type: Programmable Logix Controller					
Subnet: LCLSINST					
LAN Speed: 100					
Serial Port Per Device: 1					
Node Name	Model	No of Serial Ports	Subsystem	Area	Rack Location

Type: Network Switch					
Subnet:					
LAN Speed: 1000					
Ports per Device: 24					
Model: Cisco 3750					
Person: T. Lahey					
Node Name	Area	Rack Location			

Type: Terminal Server					
Subnet: LCLSUTIL					
LAN Speed: Auto					
Serial Ports Per Device: 16					
*Model:*DIGI PortServer TS16					
Person: Terri Lahey					
Node Name	Area	Rack Location			

Type: Walk-Up Wall Jack					
Subnet:					
LAN Speed: 100					
*Purpose:*Walk Up Maintenance					
*Person:*Fred Hooker					
Node Name	Area	Rack Location			
WKUP-LI21-NW01	Klystron Gallery				