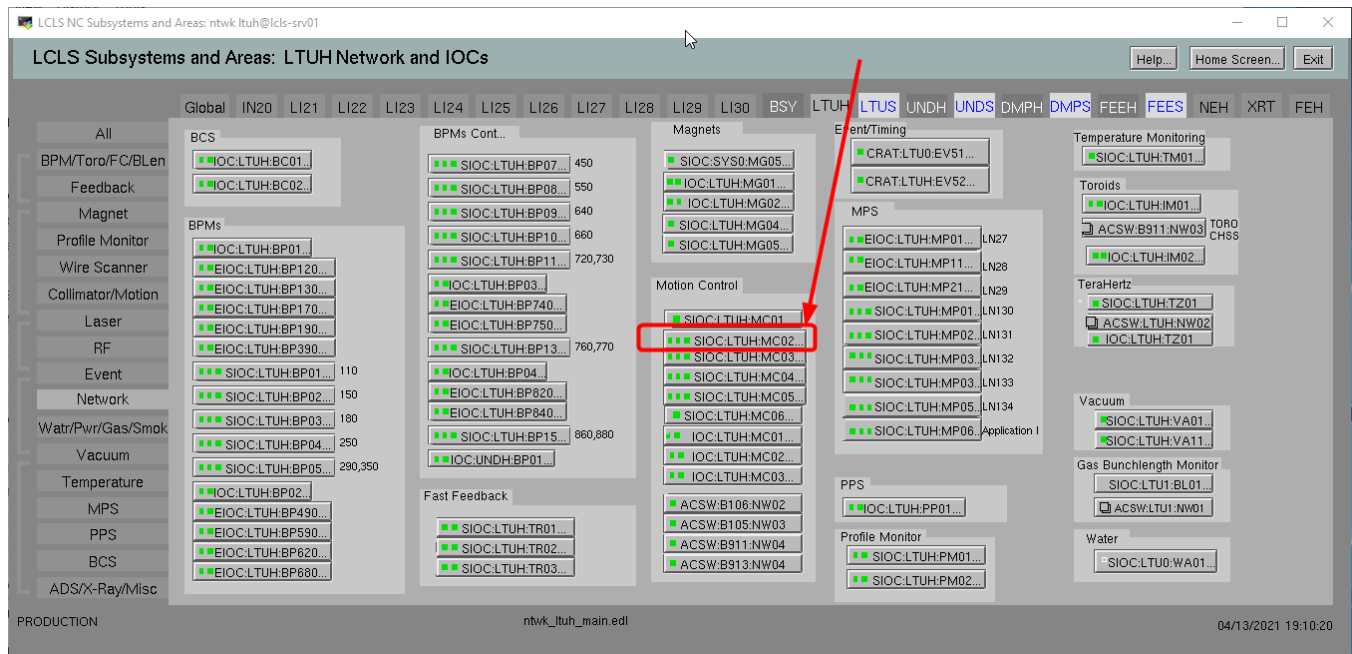


Once this tab is selected the following display will appear.



Ok Now let's select the button for the Motion Control IOC, `sioc-ltuH-mc01`, which will bring up the following display. You'll notice that for this IOC, we have running on a CPU associated with an ATCA Crate.

IOC Status - SIOC:LTUH:M...

IOC Status  
SIOC:LTUH:MC02

Home...Exit

IOC

IOC Heartbeat Status

PRESENT

Heartbeat Errors in Last 20 Sec.

0

IOC Heartbeat

5216842

IOC Time of Day

04/13/2021 19:13:01

Time of Day Status

Synchronized

IOC Boot Time

02/12/2021 08:32:20

IOC Location

B913-0444

Engineer

Namrata Balakrishnan (namrata)

IOC Reboot

Reboot...

log

More IOC Stats...

☒ Autosave

☒ Seq stats

IOC Information

Device controlled by this ioc (e.g. TCAV0)

WSDL31

Rebooting or power cycling this ioc will

CPU

Type

Advantech

CPU Name

CPU:LTUH:SP01...

CPU Location

B105-0141

Power Status

On

Power Off

Power On

log

Crate/Chassis

Type

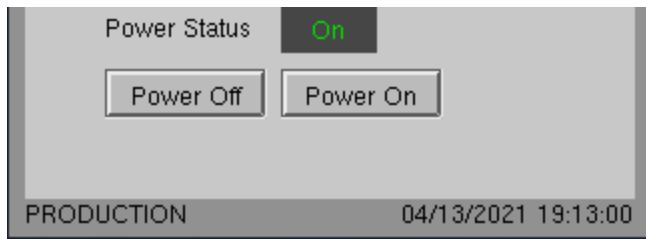
ATCA

Crate Name

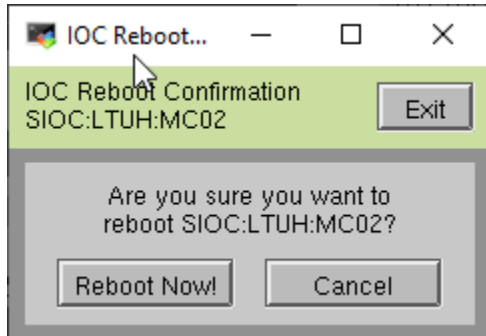
CRAT:LTUH:SP01:2...

Crate Location

B105-0124



To reboot the IOC, select the "Reboot..." button and the following display will appear. On this display select the "Reboot Now!" button. Notice that all buttons with "..." indicate that another display.



To view additional information for the CPU select the "CPU-LTUH\_SP01" button.

## System Status and Control

Network **Online**Manufacturer **Advantech**Communication **Initialized**Connect ☐

More HW Info...

Chassis Power **On**

Power Off

Power On

*CPU boot-up process  
takes a couple minutes*

Power Settings...

## Temperature Sensors

OUTLET-TMP **45.0 DegC**SYS0-TMP **32.0 DegC**SYS1-TMP **28.0 DegC**CPU-TMP **51.0 DegC**FB\_INTAKE0-TMP **27.0 DegC**FB\_INTAKE1-TMP **28.0 DegC**RISER-TMP **30.0 DegC**

## Voltages

PAY\_12-VOL **12.1 V**PAY\_5\_0-VOL **5.0 V**PAY\_5\_0\_SB-VOL **4.9 V**LOM\_5\_0-VOL **5.1 V**PAY\_3\_3-VOL **3.3 V**PAY\_3\_3\_SB-VOL **3.3 V**LOM\_3\_3-VOL **3.3 V**BAT\_3\_0-VOL **3.1 V**LOM\_1\_5-VOL **1.5 V**LOM\_1\_26-VOL **1.3 V**PCH\_1\_05-VOL **1.0 V**CPU\_VCORE-VOL **1.6 V**FB\_12-VOL **11.9 V**FB\_5\_0-VOL **5.0 V**FB\_3\_3-VOL **3.3 V**FB\_3\_3\_SB-VOL **3.3 V**

## Cooling Fans

FAN1-RPM **6700**FAN2-RPM **10300**FAN3-RPM **6600**FAN4-RPM **10400**FAN5-RPM **4800**FAN6-RPM **7800**FAN7-RPM **5000**FAN8-RPM **7600**

## Current Monitors

To view more details about the ATCA crate select the Crate button "CRAT:LTUH:SP01:2" Note that the 4th field of the crate PV indicates the ATCA Crate Number (e.g. 2).

ATCA crate - CRAT:LTUH:SP01:2@lcls-srv01

ATCA Crate  
CRAT:LTUH:SP01:2

Exit

System Status and Control

NetworkOnline

Chassis PowerOn

CommunicationInitialized

Connect

Power Down

Power Up

Soft Shutdown

Info...

Power up and re-init  
takes 1-2 minutes

Crate Contents

Shelf Mgr...

Shelf FRU  
Info 1...

	Front	Rear
1	ATCA-9112	
2	AMCC-KU040	LCLS-II GENERIC RTM
3	AMCC-KU040	
4	AMCC-KU040	
5		
6	AMCC-KU040	
7	AMCC-KU040	LCLS-II FWS RTM

Fan Tray 1...

Fan Tray 2...