

DAQ ROC 1	DAQ EMU1
DAQ ROC 2	DAQ EMU2
DAQ ROC 3	DAQ EMU3
Disc Server	...

DAQ Network (256-big)

Traffic needs to be properly design by configuring DAQ.

IOC 1	CAEN HV
Remote Ctrl	MPOD LV
PLC EtherIP	FCAL Bases
Disk Server	...

Controls Network (512-big)

EPICS variables need to be visible to the accelerators control network

Desktops	Disk Server
RAID	EBs
MySQL	Farm nodes
Port Servers	...

Will include hosts that are on Infiniband (TCP/IP) ?

General Network (512-big)

- Firewalled from the rest of the lab, two-factor authentication required
- All internal Hall D subnets are fully transparent to each other, including broadcast and multicast on all ports.
- Use fixed assignments of subnets to the blocks of ports on the switches for DHCP
- Programmed and maintained by computer center