AliECS
Experimental control system

AliECS
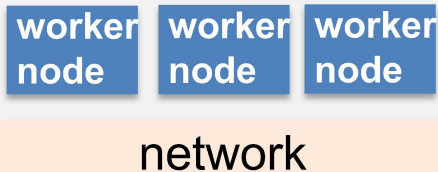
CTS
Central trigger system
1 CTP & 18 LTUs
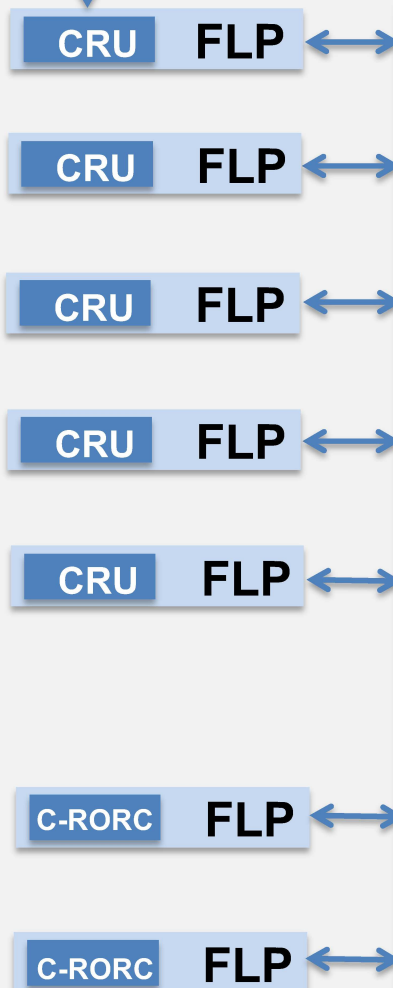
FIT TOF EMCAL PHOS

CTP

LTU LTU LTU
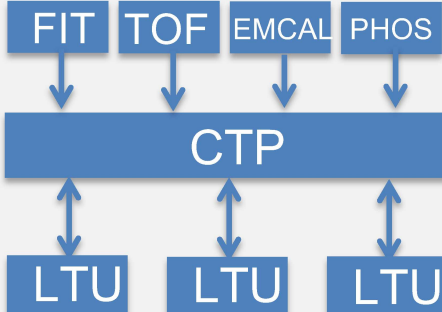
DCS
Detector control system
200 worker nodes

worker node worker node worker node

network

CRU.. Common Read-out Unit
CTS.. Central Trigger System
DCS.. Detector Control System
FLP.. First level processor
GBT.. Gigabit Transceiver
LTU.. Local Trigger Unit
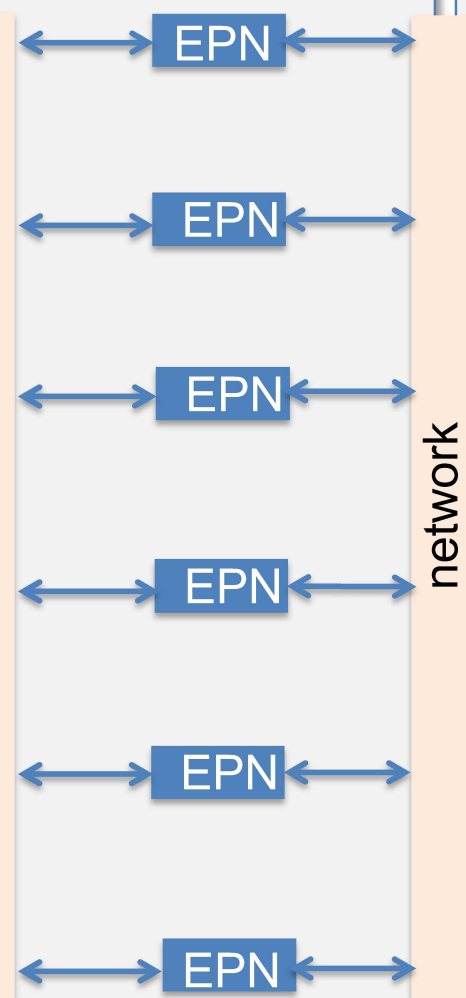O^2.. Online and Offline Computing System
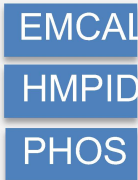
O^2-FLP
First level processor farm
198 FLPs & 474 CRUs &
16 C-RORCs

O^2-EPN
Event processing nodes
280 servers

O^2-DS
Data storage
60 PB
Tier 0 & 1

Detectors w. continuous & triggered readout

CPV
FIT
ITS
MCH
MID
MFT
TOF
TPC
TRD
ZDC

TTC-PON

GBT

front-end links (GBT)

Detectors w. triggered readout

EMCAL
HMPID
PHOS

trigger/busy

front-end links (DDL)

CRU **FLP**
CRU **FLP**
CRU **FLP**
CRU **FLP**
CRU **FLP**

C-RORC **FLP**
C-RORC **FLP**

network

EPN
EPN
EPN
EPN
EPN
EPN
EPN

network

DS

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