

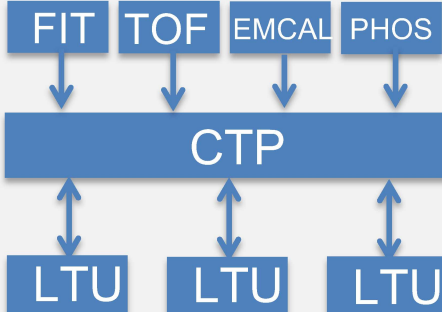
# AliECS

Experimental control system

AliECS

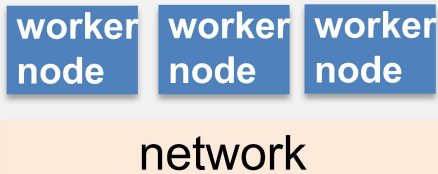
## CTS

Central trigger system  
1 CTP & 18 LTUs



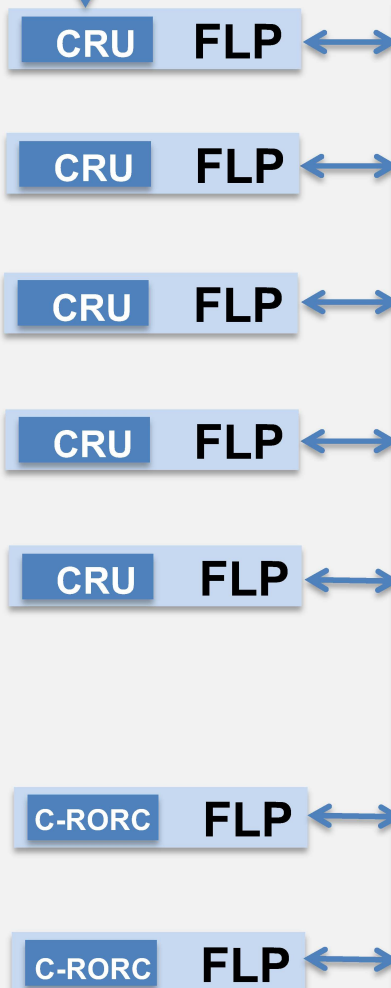
## DCS

Detector control system  
200 worker nodes



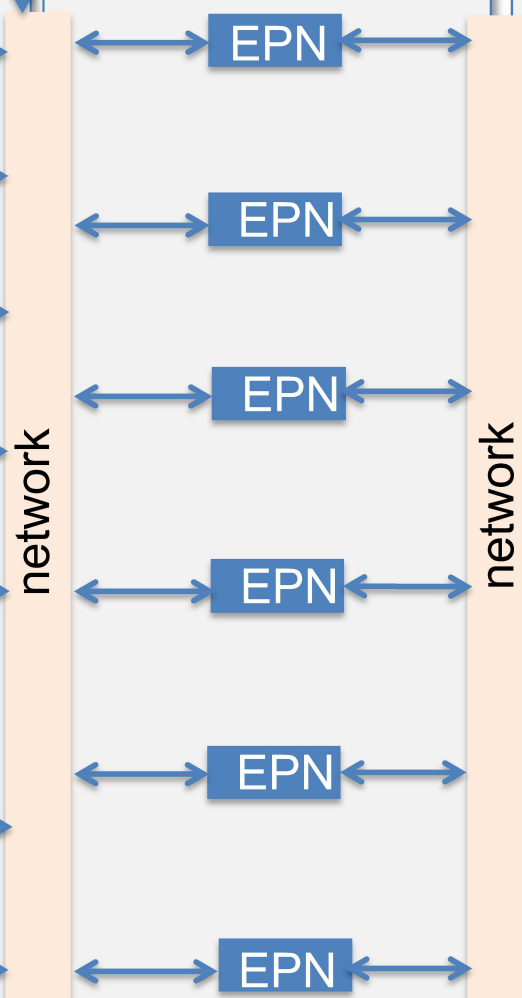
## O<sup>2</sup>-FLP

First level processor farm  
198 FLPs & 474 CRUs & 16 C-RORCs



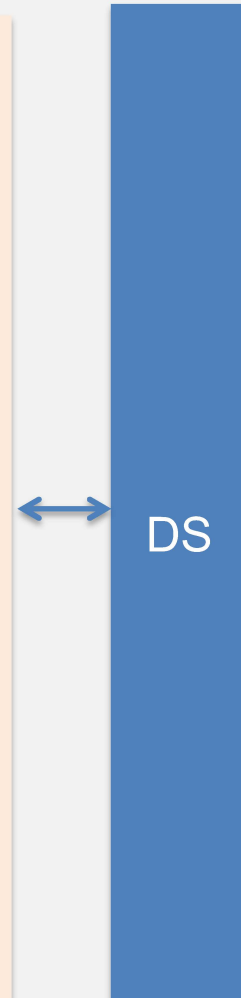
## O<sup>2</sup>-EPN

Event processing nodes  
280 servers



## O<sup>2</sup>-DS

Data storage  
60 PB  
Tier 0 & 1



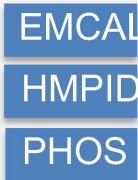
Detectors w. continuous & triggered readout



GBT

front-end links (GBT)

Detectors w. triggered readout



trigger/busy

front-end links (DDL)

TTC-PON

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<sup>2</sup>.. Online and Offline Computing System