



Calorimeter detectors

Tile/TGC

Muon detectors

**Level-1 Calo**

**Preprocessor**

nMCM

**Electron/Tau**

CMX

**Jet/Energy**

CMX

**Level-1 Muon**

Endcap  
sector logic

Barrel  
sector logic

MUCTPI

L1Topo

CTP

CTPCORE

CTPOUT

**Central Trigger**

**Level-1**

**Detector  
Read-Out**

FE

FE

...

FE

ROD

ROD

ROD

**DataFlow**

**Read-Out System (ROS)**

**Data Collection Network**

**Data Storage (SFO)**

**Region Of Interest**

**Level-1 Accept**

**ROI  
Requests**

**Fast Tracker  
(FTK)**

**High Level Trigger  
(HLT)**

Processors O(20k)

**Accept**

**Event  
Data**