

Detectors electronics

Continuous and triggered streams of raw data

Readout, split into Sub-Time Frames,
and aggregation
Local pattern recognition and calibration
Local data compression
Quality control

Compressed Sub-Time Frames

Data aggregation
Synchronous global reconstruction,
calibration and data volume reduction
Quality control

Compressed Time Frames

Data storage
and archival

Compressed Time Frames

Reconstructed events

Asynchronous refined calibration,
reconstruction
Event extraction
Quality control

