



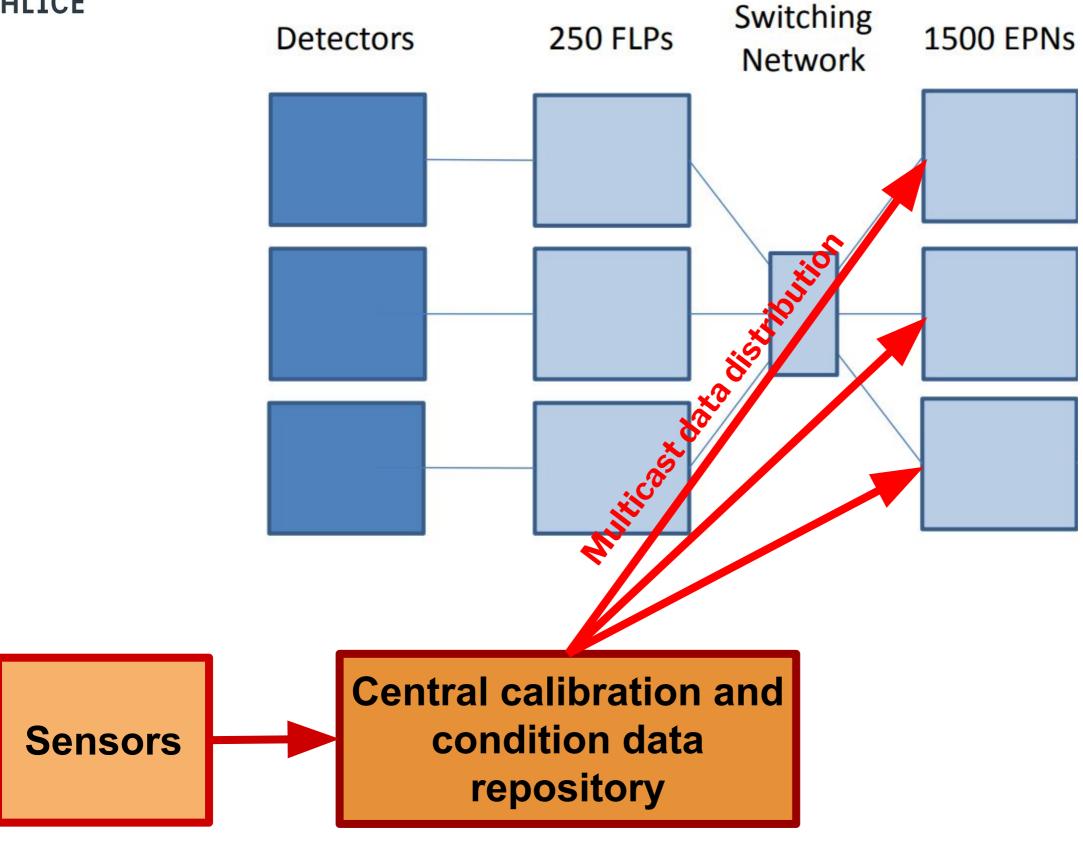
Real-time conditions data distribution for the Online processing of the ALICE experiment

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Objectives

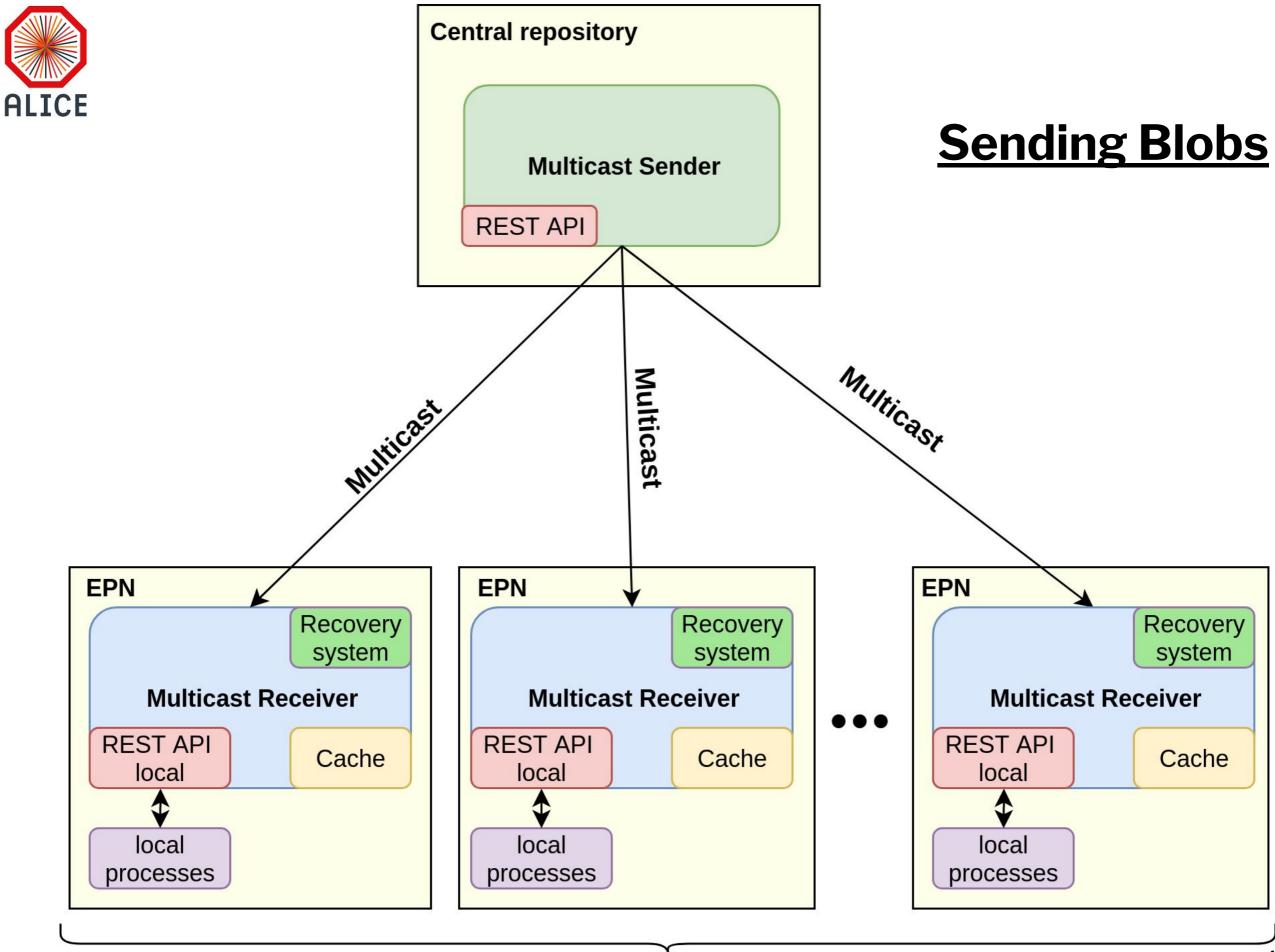
Solve:

Bandwidth problem: MULTICAST

Reliability problem
Retransmissions - NACKs

Maximum payload size Fragmentation and reassembling

Compatibility with current implementation of CCDB REST API





Conclusions

- hybrid data delivery mechanism: multicast + REST API
- an adaptable fragmentation mechanism to send > 64KB

Sent 50 data objects of 2 MB per second with less than 2% **fragment** loss and recover all the missed fragments in the time frame given with a small number of receivers