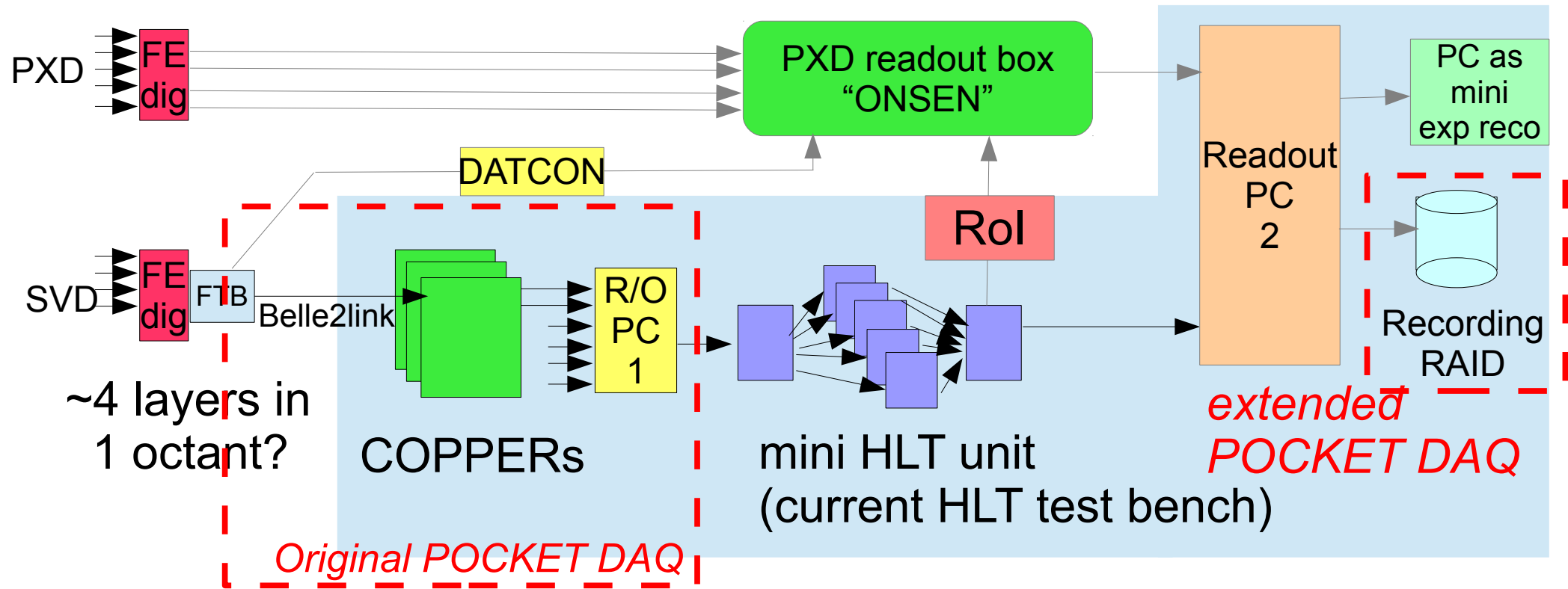


# Issues to be discussed on DAQ for telescope test (recompiled from list assigned to me by Higuchi-san)

R.Itoh, KEK

1. General layout of VXD-DAQ for telescope test
  - \* How to migrate EUDAQ (for Mimosa) in Pocket DAQ?
    - Data flow from Mimosa (and other beamline detectors)
    - Slow control
  - \* Network topology
2. Prospect for Pocket DAQ
3. DQM implementation
  - \* DQM for SVD (PocketDAQ)
  - \* DQM for Onsen
  - \* DQM at mini-express reco
4. HLT
5. Procurement of PC equipments for test
6. Dry-run test bench
  - \* At DESY
  - \* At KEK

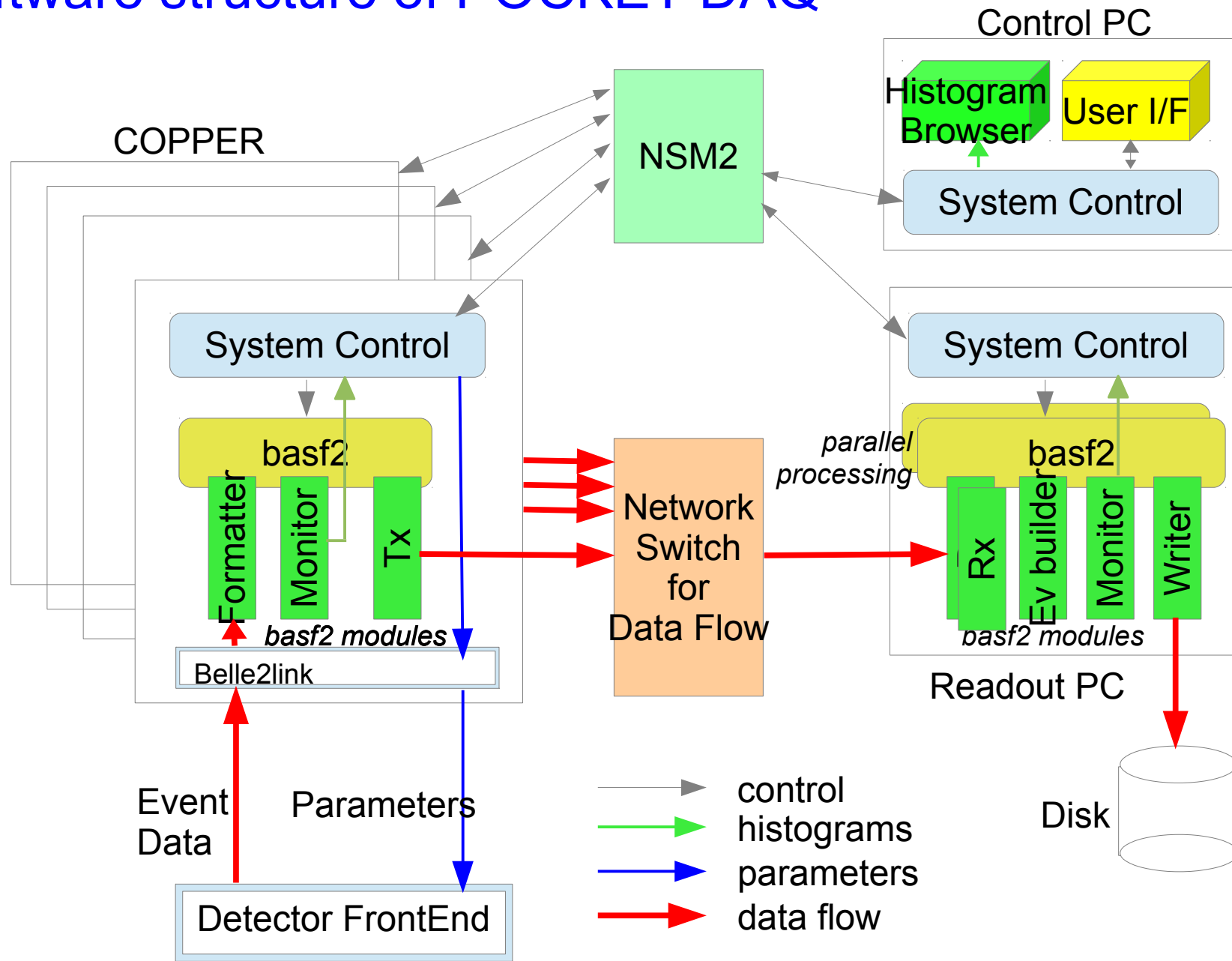
# 1. General layout of VXD-DAQ for telescope test



- Based on "POCKET DAQ" being developed for detector beam tests with Belle2link
- Additional components:
  - \* HLT
  - \* RoI distributor
  - \* Readout PC 2 as the event builder 2
  - \* Monitor PC as mini express reco

Issue: How to read out telescope detectors incl. Mimosa

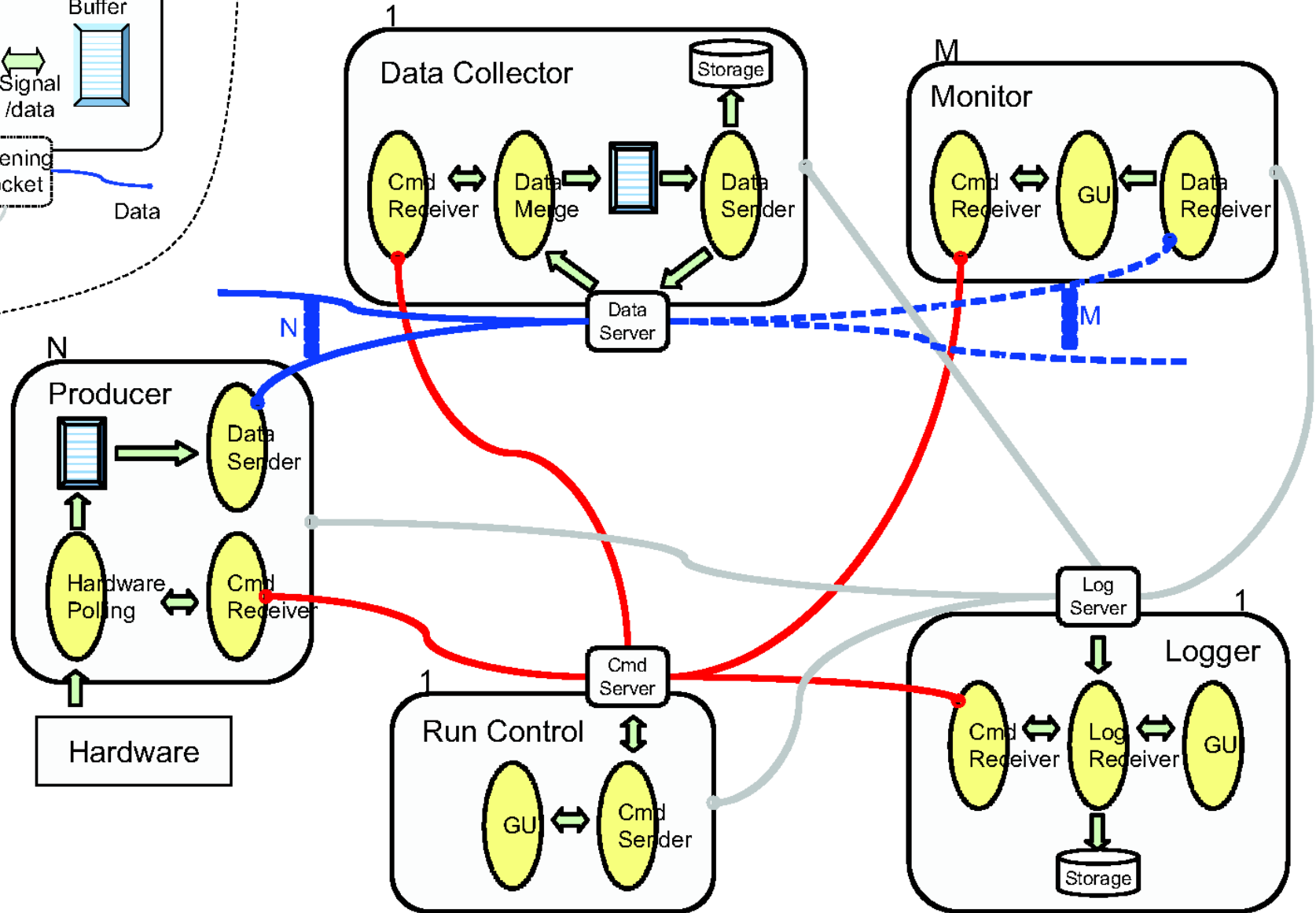
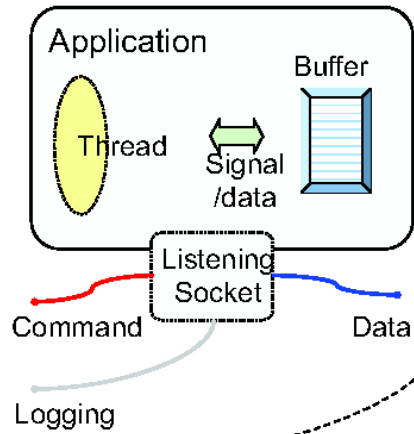
# Software structure of POCKET DAQ



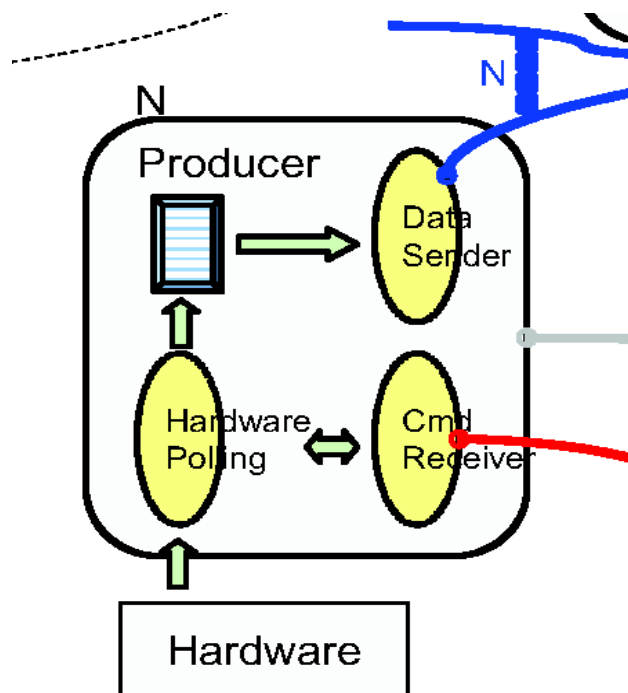
*“mini” Belle II DAQ*

# EUDAQ

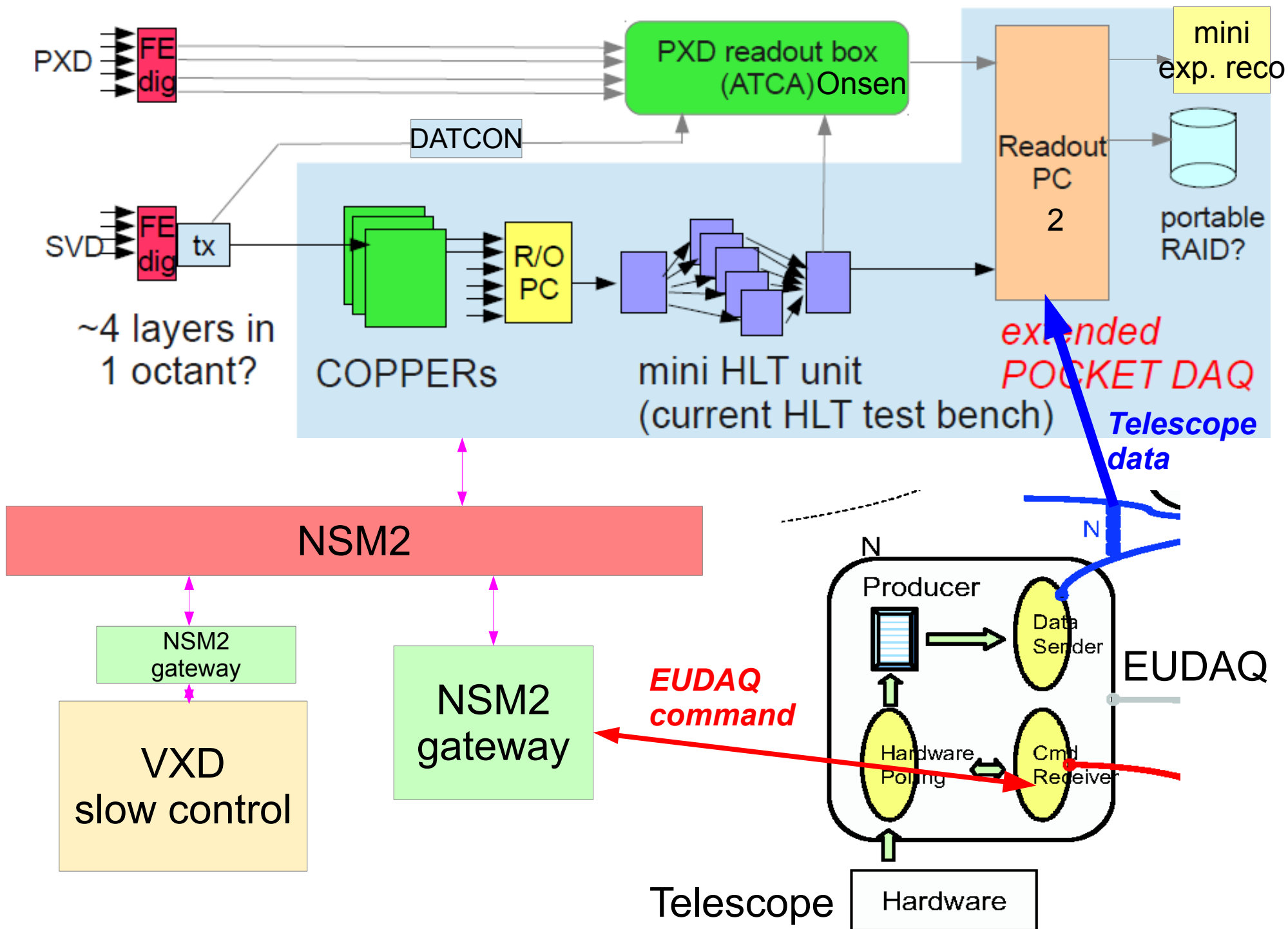
## Key:



- EUDAQ is a complete standalone DAQ system and it assumes the other detector readout is integrated inside.
- It seems EUDAQ can send the data from producer through network, and also it can be controlled from outside by receiving “command” through network.



- Is it possible to run “Producer” only under the control of PocketDAQ?



# Network Topology

