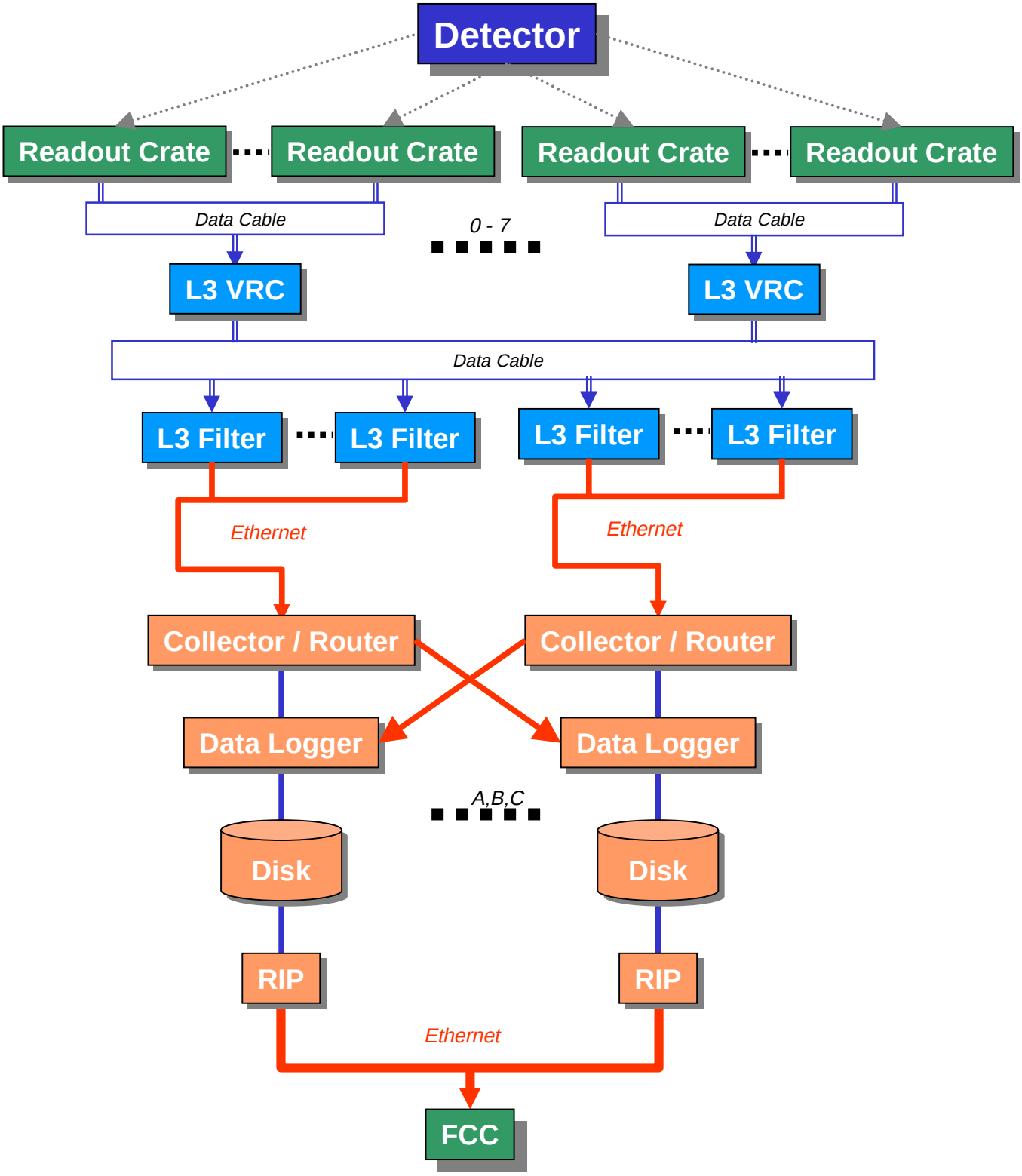
Draft of 4/15/99 3PM

Online Computing Status

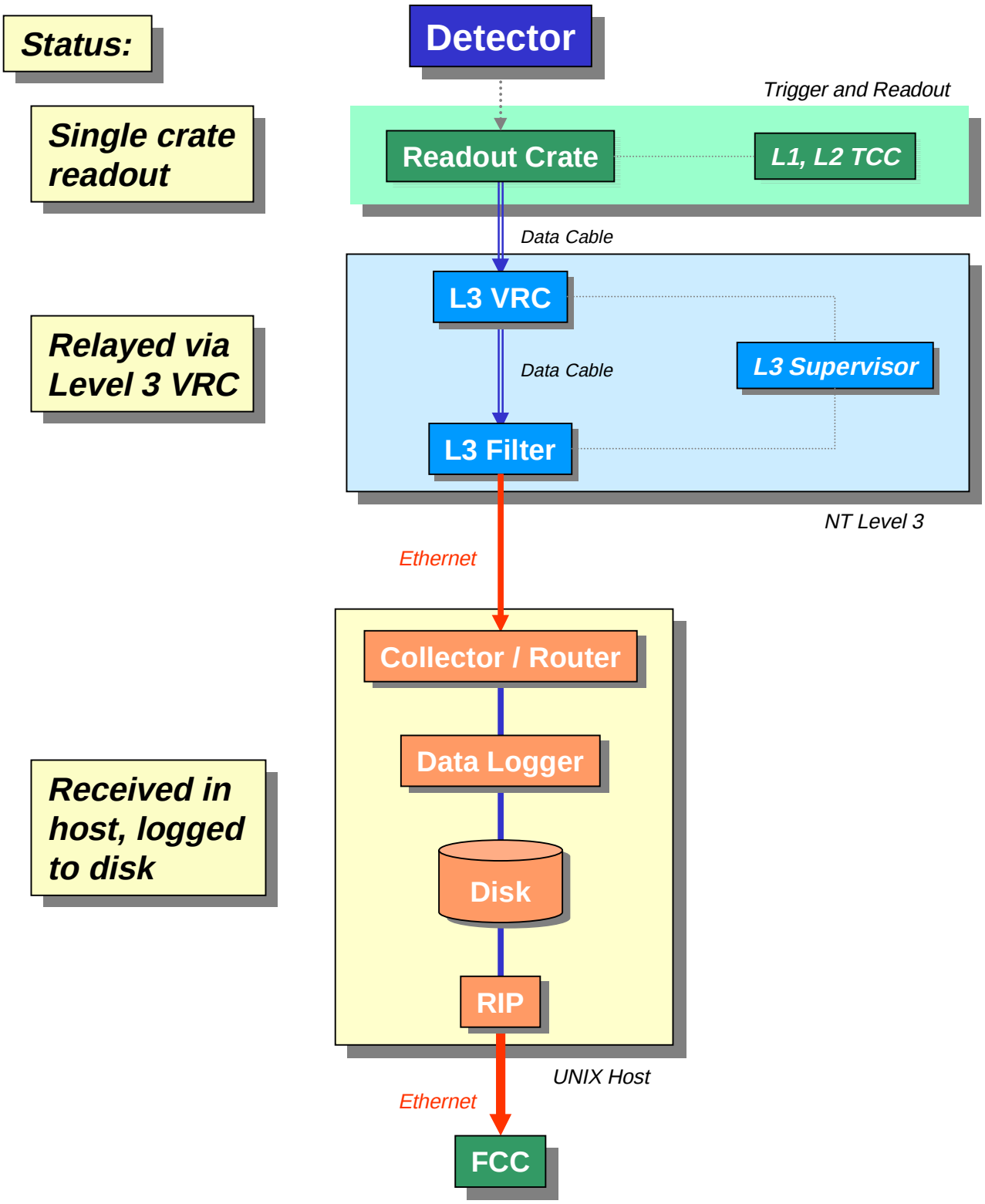
DØ Collaboration Meeting
16-April-1999

Stu Fuess

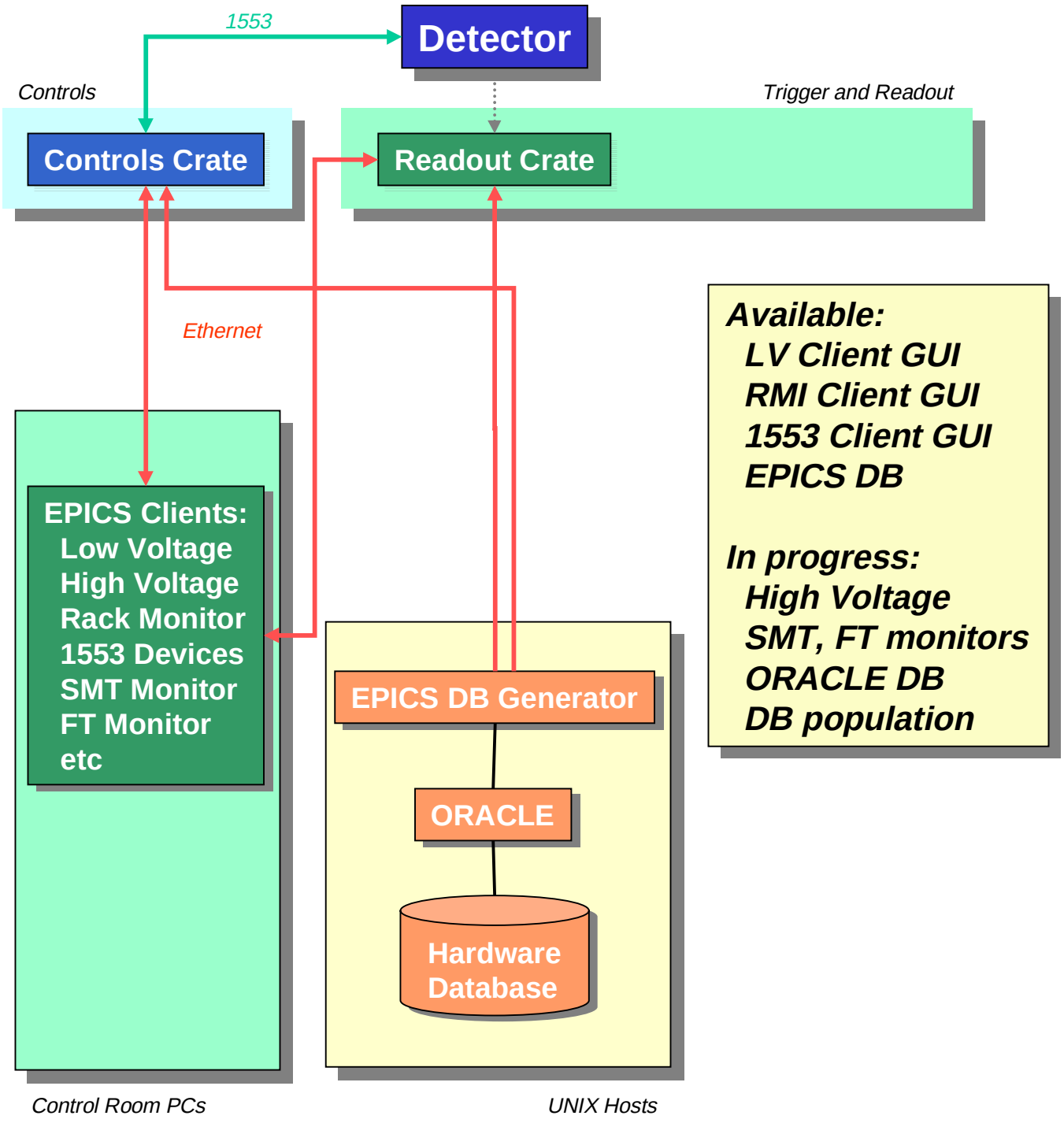
Event Data Path



Simplified Event Data Path



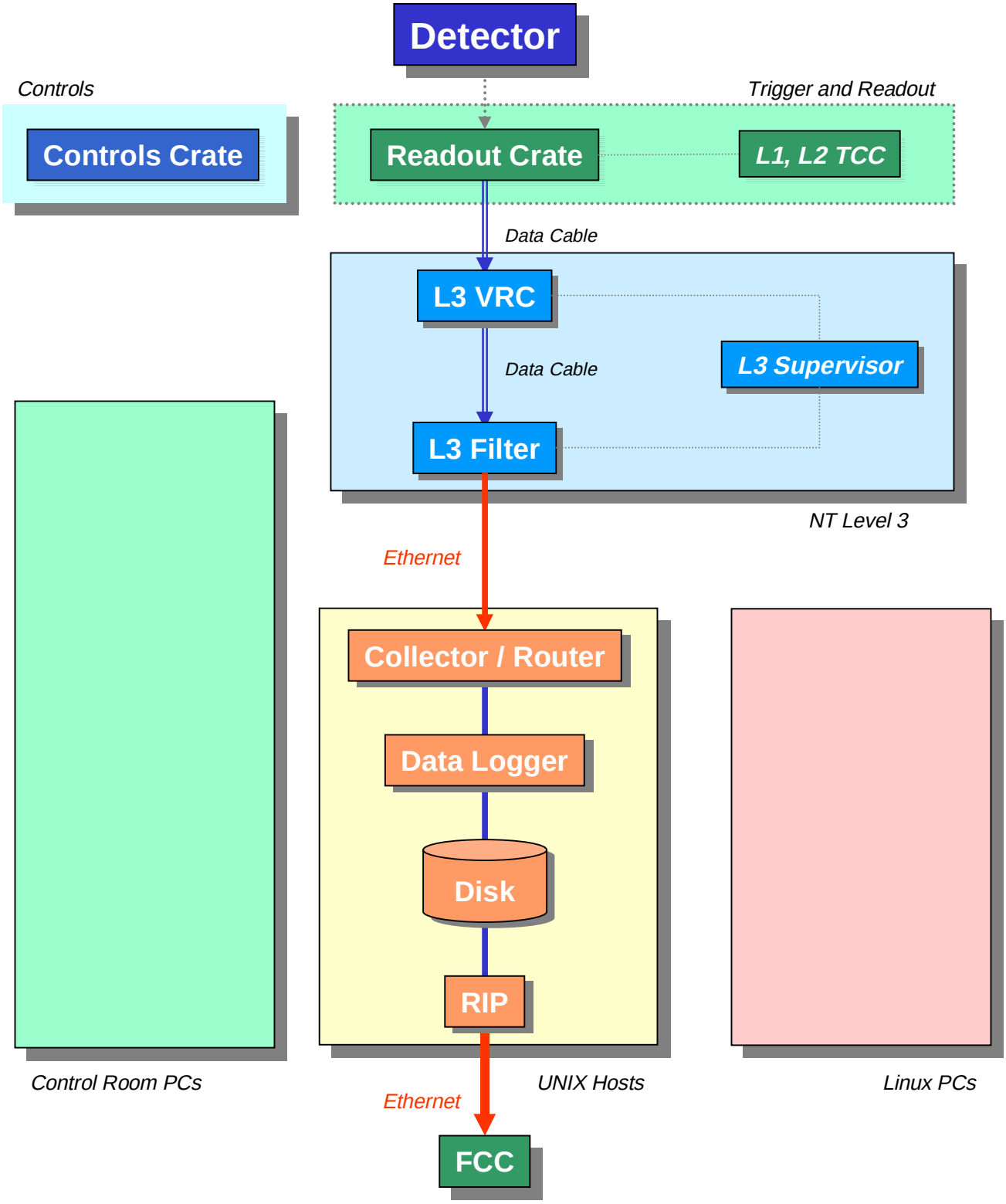
Detector Control & Monitoring



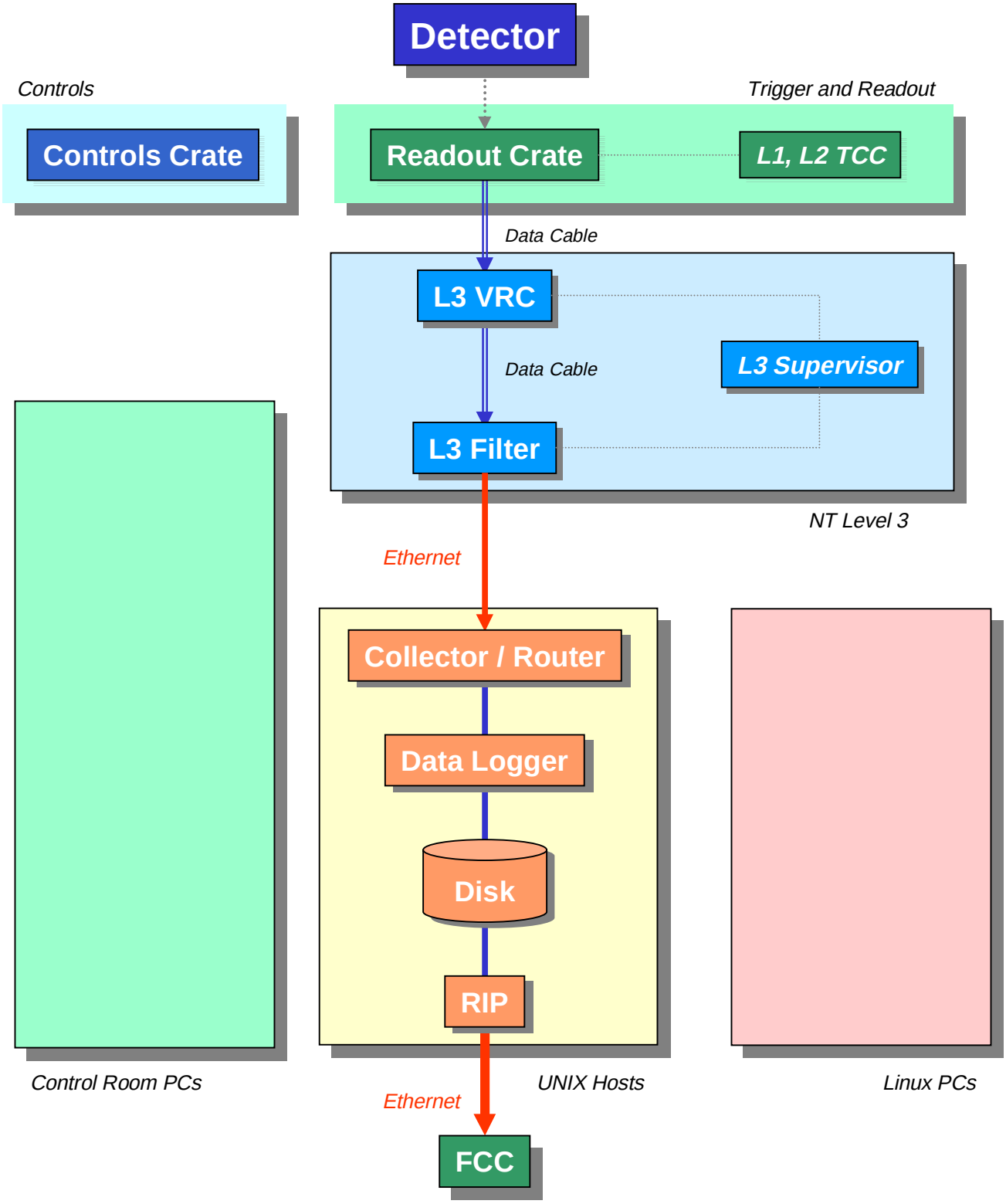
Available:
- ***LV Client GUI***
- ***RMI Client GUI***
- ***1553 Client GUI***
- ***EPICS DB***

In progress:
- ***High Voltage***
- ***SMT, FT monitors***
- ***ORACLE DB***
- ***DB population***

Calibration

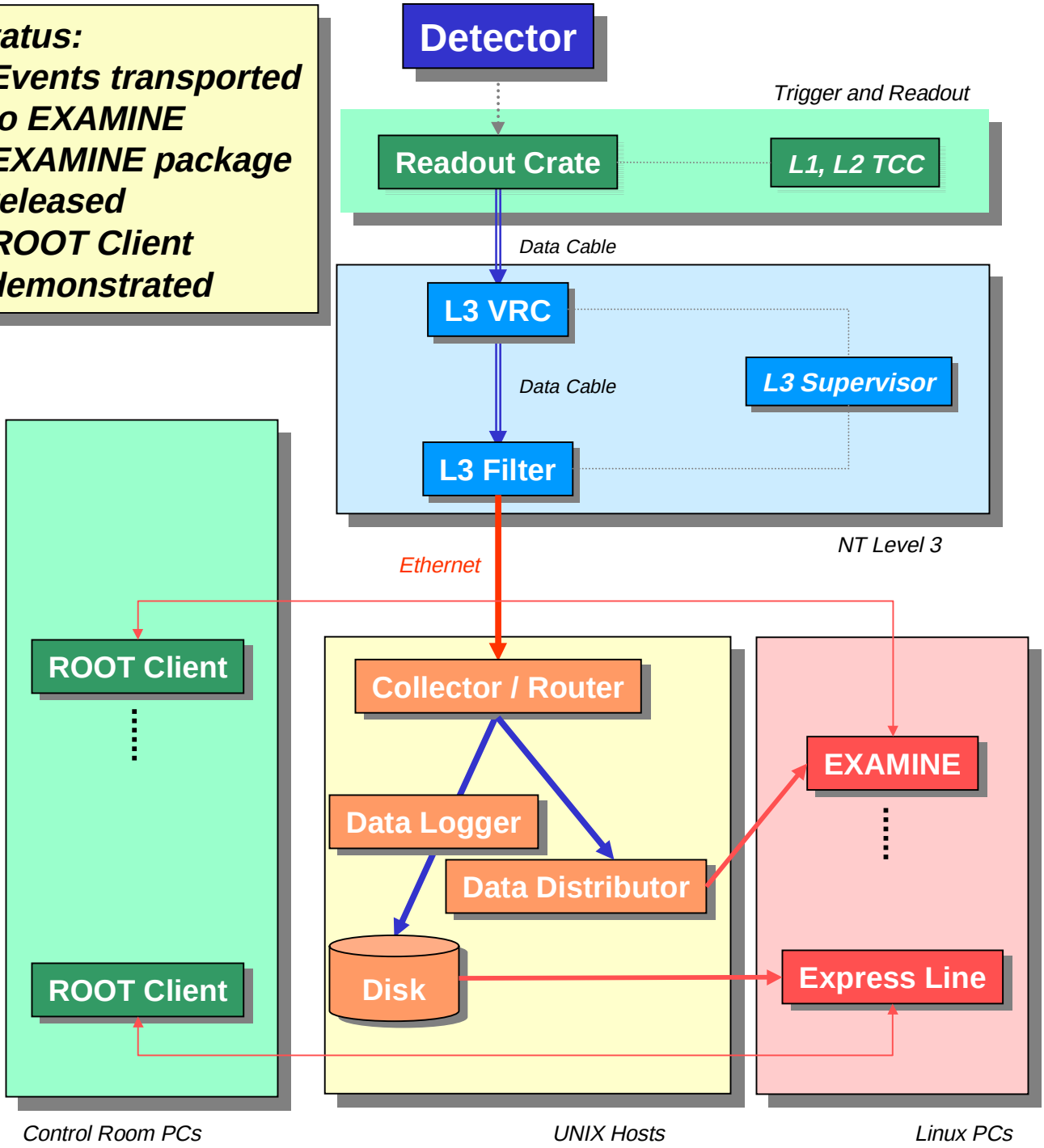


DAQ Monitoring

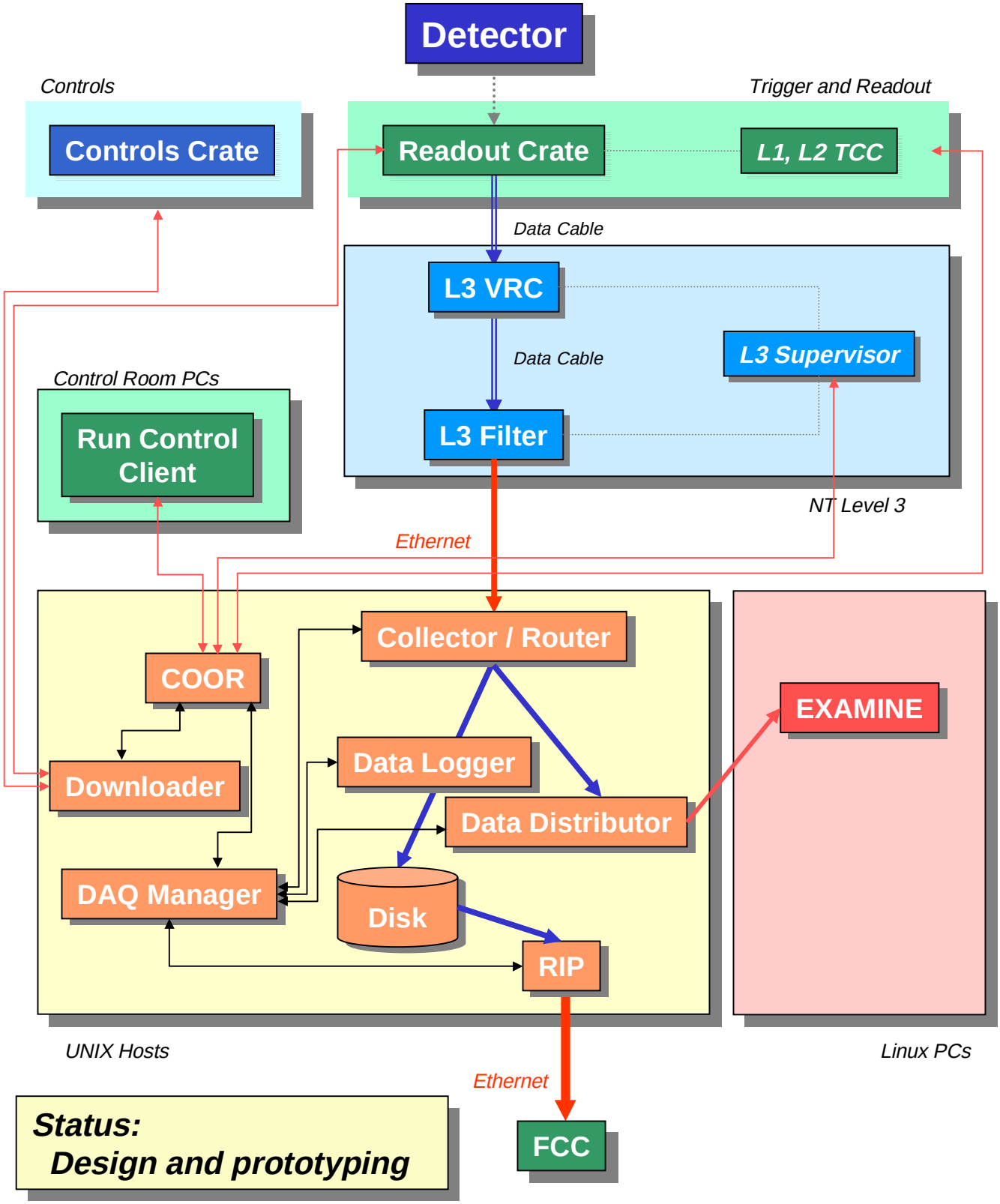


Event Monitoring

Status:
- ***Events transported to EXAMINE***
- ***EXAMINE package released***
- ***ROOT Client demonstrated***

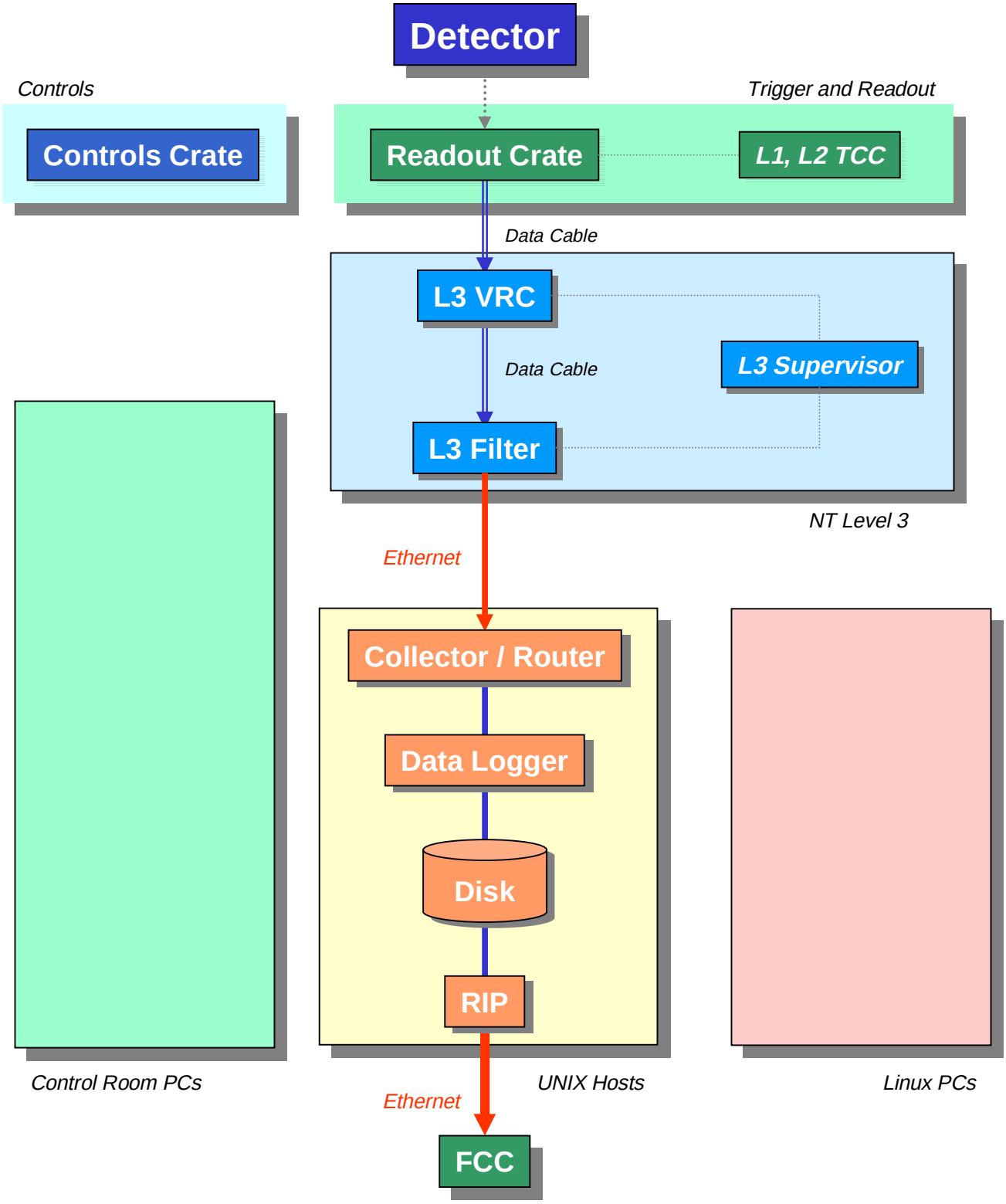


Configuration and Run Control

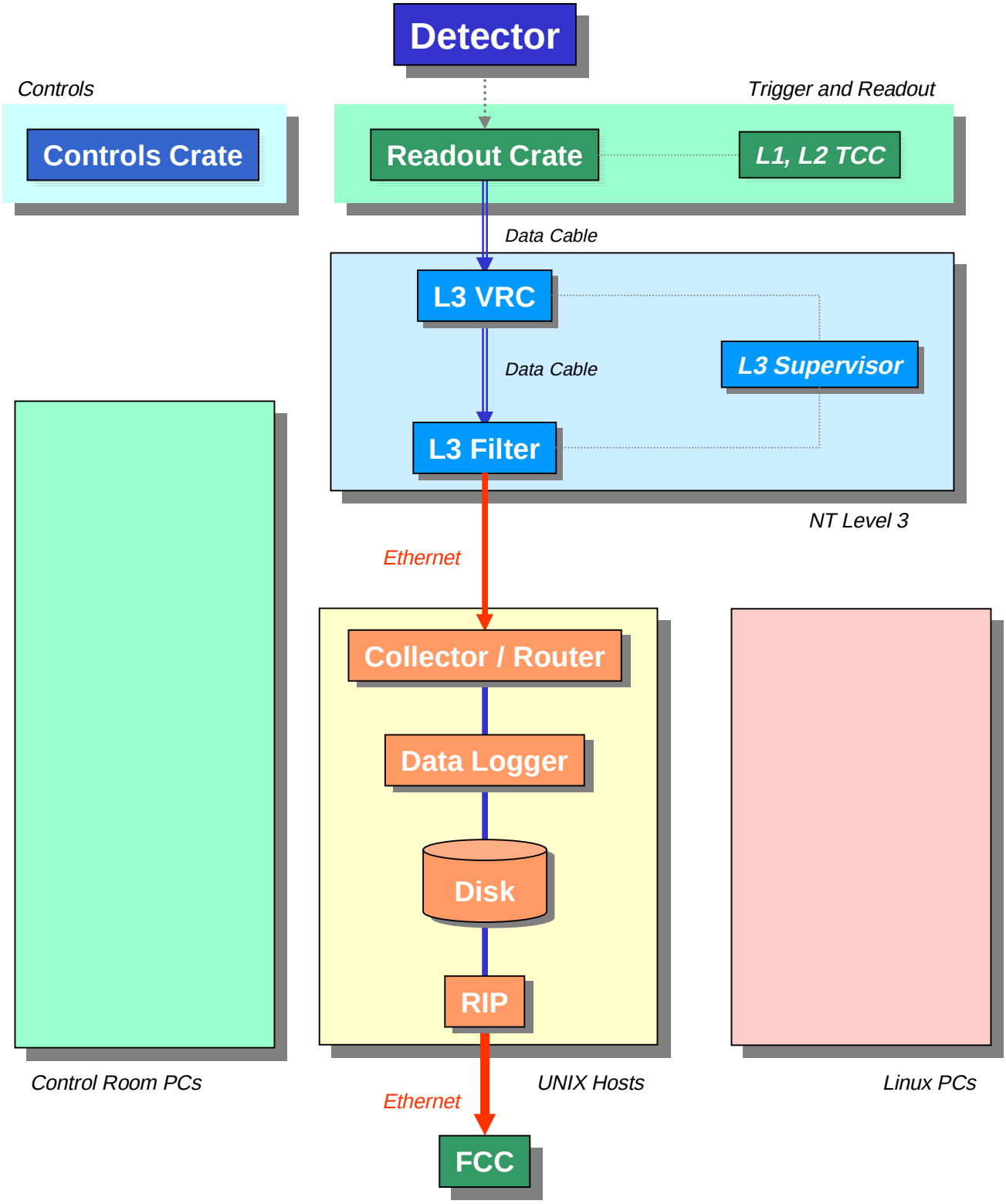


Status:
Design and prototyping

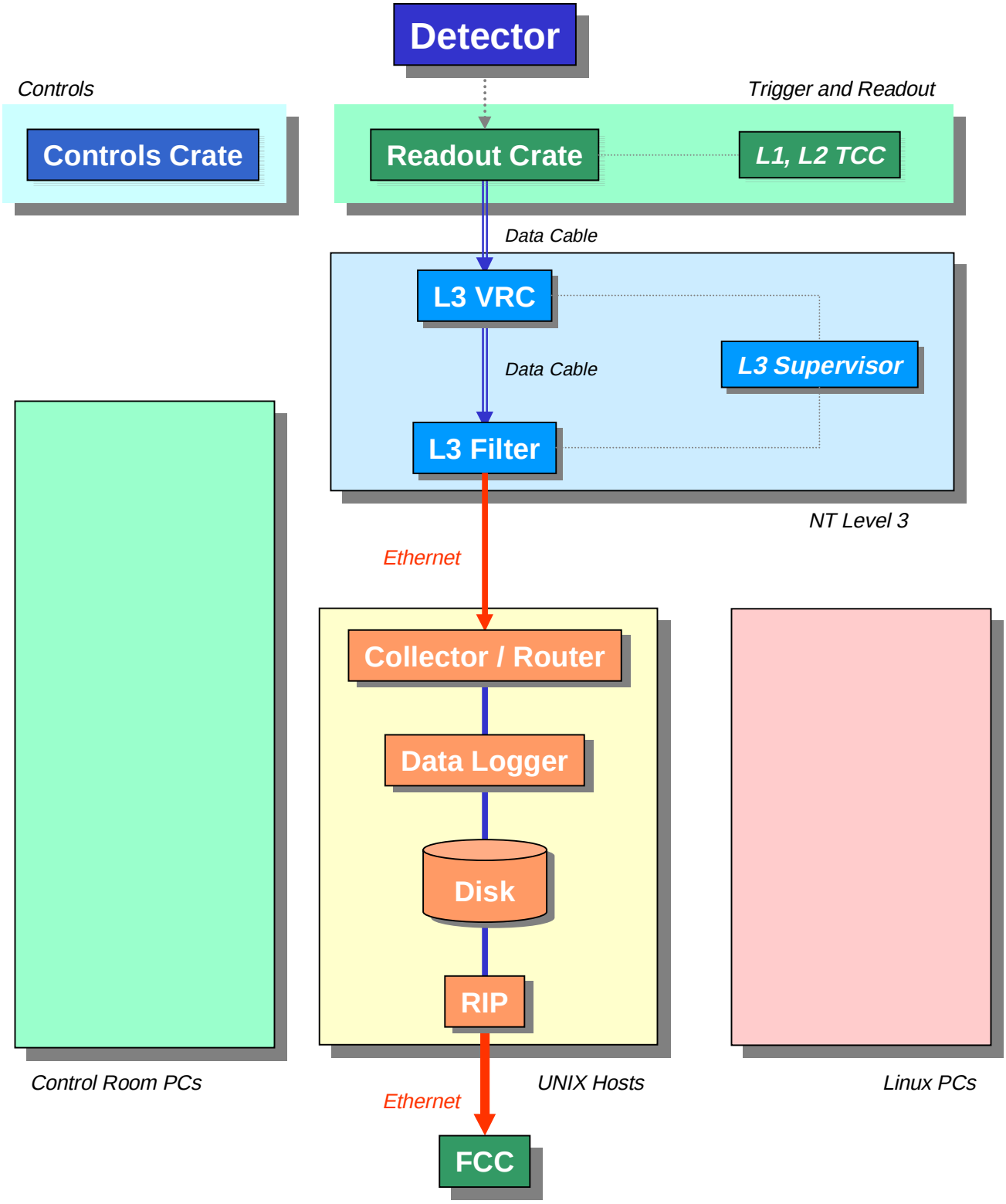
Alarm System



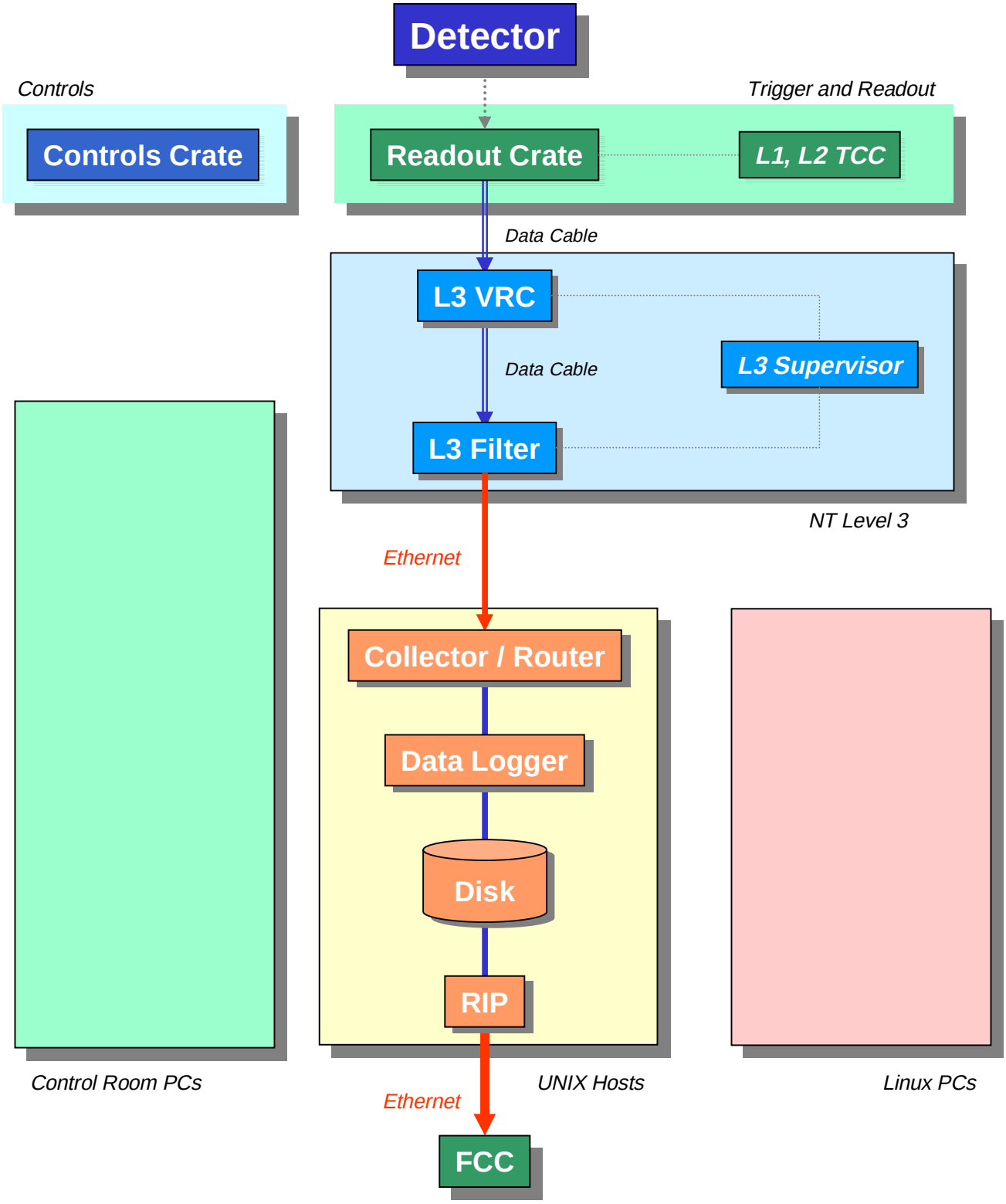
Secondary Data Path



Web-based Monitoring



Database Connectivity



Online Workshop

- ***June 3rd and 4th in ~~Paris~~ ~~Prague~~ PK151***

- ***Goals:***

  - **To demonstrate the entire chain of DAQ with single crate readout through the path:**
    - ***Crate - Level 3 - C/R - Logger - File - DD - EXAMINE***

  - **To demonstrate control system operation**

  - **To identify volunteers for each subsystem**

  - **To critique existing applications**

  - **Real work, not just meetings!**

Online Workshop 6/3/99-6/4/99

- ***Agenda***
  - *Day 1, AM*
    - *Welcome: Workshop goals*
    - *Overview of entire Online system*
    - *Introduction to Controls system*
    - *Introduction to Event Monitoring system*
  - *Day 1, PM*
    - *Demonstration of Controls applications*
    - *Demonstration of Event Monitoring applications*
  - *Day 2, AM (parallel?)*
    - *Tutorials on building a Controls application*
    - *Python GUIs*
    - *EPICS access*
    - *Tutorials on building an Event Monitoring application*
    - *Analysis framework and EXAMINE*
    - *ROOT browser*
  - *Day 2, PM*
    - *Laboratory work*
    - *Recreating the demos*
    - *Extensions*

- *Beyond the workshop:*
  - Periodic reports on user-built applications
  - Seattle workshop: continued progress on EXAMINEs