



# Monitoring and Control Systems (MCS)

Steve Hahn  
MCS Meeting  
03/15/2005

- Known problems
  - MUON3
    - Once disconnected from network spontaneously ~4 hours
    - Update to WinXP
    - Add TTL trigger inhibit outputs via NI card
    - Repair bad CAEN SY127 cards; buy more spares
    - Need expert soon
  - CLC1
    - Still some odd behavior (lost communication with VNODE1?)
    - Occasional bad read of one channel; bad card?
    - Change so half-on RPS and BSC show state as “OFF”
  - VNODE1
    - Occasional reboots necessary?
    - Some “green arrows” still do not show correct state



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- ICICLE
  - Still many restarts of ICICLE, most associated with lost heartbeat on VNODE1
  - Should we go back to issue of heartbeat timing now that most computers are faster WinXP machines?
- PISABOX
  - Maybe work on faster readout (now 15 min of readout every 1 1/2 hours)
  - Maybe work on automatic adjustment of out-of-tolerance voltages
  - Need expert—Dubna?
- Server PCs (cdf-fs1 & cdf-fs2)
  - Need installation; easier after MUON3
  - Web pages?
  - Put on diesel generator/UPS?



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- VOLTMAN
  - PSM plots
    - Insert definitions into ORACLE CDFONDEV DB
    - Create ASP pages on cdf-fs2 to view CDFONDEV
    - CDFONDEV only temporary; move CDFTEMP & VOLTMAN data into CDFONPRD?
  - Many new power supplies coming
- Global maintenance jobs
  - Adding backup disk to each user PC (very few done so far)
  - Continue to improve web pages (Steve!)