



# Monitoring and Control Systems (MCS)

Steve Hahn  
MCS Meeting  
09/21/2004

- So, what's going on with the upgrade?
  - 0th order: nothing
    - Mark Knapp working on E907 hydrogen target (Meson) iFIX till October 1st
  - 1st order: a lot
    - Need to pass security committee to create new Windows XP nodes; we are getting all done at once, but this is taking longer than we expected (note: these are “captive accounts” which can only run specified programs)
    - Mark has setup first three computers for VNODE1, VNODE2, and SOLENOID2 in the control room
      - Needs help with Smart Alec (which writes to status panels) on VNODE2—Steve
      - Needs help with Oracle (ICICLE) on SOLENOID2—Margherita



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- Two server nodes (for cdf-fs1 and cdf-fs2) have arrived
- Mark and Jim Loskot have taken InfoAgent training
  - Restores web page functionality
  - Based on XML
  - Imports (and exports?) to Oracle, other SQL-based DBs
  - Version 2.1 adds iFIX “picture” to web page translation
- May need one more computer for HTR-DATA (historical plots) node



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- HBM problems over weekend
  - Went away once; VNODE1 rebooted once
  - Should notify shift crews this is serious problem if persists more than 10 minutes
    - Otherwise, no heartbeat monitoring on any system
- Spent time with Randy Thurman-Keup understanding Visual Studio projects on MUON3 and PISABOX
  - Hope to restore xenon flash control
- After meeting: J.J. Schmidt showed new “smart” hub is installed in network rack on 3rd floor
  - Not yet powered or networked
  - Test one node when opportunity arises
  - Hope to catch network problems before shutdown