



# Monitoring and Control Systems (MCS)

Steve Hahn  
MCS Meeting  
10/19/2004

- A random walk through the MCS upgrade
  - CDFEPHV: switched from FNAL to FERMI domain
    - VNC to CDFEPHV works (web page)
      - Do not use “xhost” (everyone!)
      - Do use “ssh -X nodename” but do not set DISPLAY (everyone!)
      - Use “vncviewer -bgr233 cdfephv” out of b0dap30
    - PC remote mapping does not work?
  - CLC1: switched from FNAL to FERMI domain
    - Stefano Lami working on adding new CPR/CCR SY527
      - Loaded LabWindows/CVI™ demo (30 days)
      - Luciana sending new disk?
  - SOLENOID2: new XP PC
    - ORACLE client reinstalled properly
    - Is this working? Should we run ICICLE?



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- COT3: new XP PC
  - Aset had to do lots of recoding; very few hooks to iFIX
  - Timers had to be inserted in some portions
- CDFTEMP: new Windows 2000 (APACS driver) PC
  - Was using Visual Basic 5.0; need to move to 6.0, then .NET
  - Actually use VB to draw interface on CDFTEMP; lots of changes
  - Need to worry about replacing local web server with IIS web server (on cdf-fs2?)
- COT2: recycled XP PC for view node
  - Bad CD-ROM drive
- SVXIICON: new XP PC
  - Will use Siemens TIE (Ethernet) driver with two Ethernet cards for redundancy instead of XP incompatible TIA (serial) driver



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- VOLTMAN: new XP PC
  - Same problem as CDFTEMP—Visual Basic 5.0
  - Ben Whitehouse not back till next week
  - Hopefully can use Dave Dagenhart's experience
- **Plug source PC**: XP PC from Purdue
  - Not our responsibility, but Mark ensuring right OS, patches, and virus checking
- **Muon scintillator PC (in pit)**: recycled XP PC?
  - Same deal as previous
- Also, Mark installing new virus software everywhere