Status of the MDT Production Database at LMU Munich

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- Introduction
- Situation
- Future Plans

A copy of the transparencies can be found at /afs/cern.ch/user/j/jdubb/public/mdt_db/talk_101100.ps
• Munich University performs Redundant Quality Control of Single Tubes produced in Dubna
  – HV Test
  – Wire Tension Measurement
  – Gas Leakage Test
  – Wire Position Measurement (X-Ray)

• Add additional data to Dubna DB
  Possibly reject tubes

• Tubes are used at MPI Munich to build BOS Chambers

• Present: All tubes are remeasured

• Future: Sampling of 10–15% of the tubes
Munich is using exclusively UNIX/LINUX

**Approach:**

- Convert Access DB to MySQL DB
- Update MySQL DB under Linux
- Convert MySQL DB back to Access DB
- Ship DB off to Rome

**Advantage:** Flexible as database can be used/accessed under Linux

Online input possible

**Disadvantage:** It doesn’t work yet . . .
Future Plans

Short Term Plans

• Use VMware to run WinNT under Linux
• Use Access
• Import our data from ASCII files off-line

Long Term Plans

• Use initial approach as it offers more flexibility and is less error-prone