COMPASS DCS Status

Technical Board, February 2018
DCS main distributed project
- **CC7 / x86_64**
- **WinCC OA 3.15**
- **JCOP Framework 8.1.0 (core)**
- WinCC OA Oracle DB schema 8.9

DCS scattered projects
- Windows 7 64-bit
- **WinCC OA 3.15**
- OPC-DA Servers: CAEN, Iseg, Wiener (Krakow), Wiener, Schneider, CANOpen

SLiC servers
- SLC5 / i386, custom kernel build options
- CAEN A1303 PCI CAENET controllers, driver v 1.7
- DIM servers

1 new PC will be ordered soon
WinCC OA 3.11 deprecated after Extended Year-End Technical Stop (EYETS) 2017

WinCC OA 3.15*

Test and validation
- WinCC OA 3.15, JCOP Framework, etc

Migration of production project performed in January

New recommended patch expected before start of the Run

*Installation of CERN CentOS 7 on Linux machines
2018: 217 days with beam expected!
CEDARs

Upgrade scope
- PMTs
- Gain monitor
- Readout
- Thermal system

DCS to be updated
Polarized Target

Magnet, Dilution Refrigerator, Pumps, Temperature, Microwaves, NMR

Ongoing
Others

Radiation monitoring

Update/Reintegrate other detectors/systems
- Scifis
- Hodoscopes
- RWall
- DCS Summary/Beam files
- ...

Other requests?
Request to integrate the 4 Silicon stations
- Hv
- Lv
- Power switches for ADCs
- Temperature for APVs

Christian Dreisbach prepared a Silicon rack at the end of 888 during the weekend
- Canbus cable installation for Iseg HV still needs to be checked
  - Current cable might not be long enough
  - Monitoring and controls need to be checked

Temperature monitoring not yet in the DCS!

**Any other request for the TPC test setup?**
Thank you!