Minutes of the EN-ICE/COMPASS-DCS Technical Meeting

Date: 13/08/2015, 15:00-16:00
Place: 891-1D-002
Attendees:
    Brice Copy (BC), EN-ICE
    Christophe Menezes Pires (CP), COMPASS

General News:

CP reported that several COMPASS equipment are experiencing problems. From time to time, they get stuck and need to be reset (locally or remotely) or just reboot by themselves. This might be due to beam.

CP informed that preparation for the data taking of 2016 is already ongoing. The COMPASS DCS group has received a request to integrate the cooling system of the calorimeter ECal0. CERN EN/CV/Detector Cooling group proposed to use a Schneider PLC and integrate it via OPC DA.

BC informed about the latest development on OPC UA, including the open source project [open625421](#).

ELMB/CANOpen OPC:

CP reported that the CEDARs high voltage boosts and the Drift Chamber DC5 low voltage have been integrated in the COMPASS DCS.

CAEN:

CP informed that CAEN OPC Server v5.54 will be tested after the end of the Run. This release fixes a socket leak when connecting/disconnecting to CAEN VME V8100 crates.
Relates to: [OPCCAEN-98](#)

Wiener:

Three Wiener VME 6021 crates were integrated into COMPASS DCS.

DIP:

CP informed that the radiation levels information was integrated into the COMPASS DCS via DIP.
CP reported that a request to CMW to publish the SPS supercycle length via DIP was done.
Relates to: [CMW-1907](#)

DIM:

COMPASS Polarized Target polarizations were integrated into the COMPASS DCS via DIM from a LabVIEW server.

The DIM server for the Drift Chamber thresholds was rewritten. The old VME Motorola CPUs, running VxWorks and EPICS are no longer in use. This new version of the DIM server is now running in standard VME CPUs with Linux.

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