

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

Date: 17/11/2016, 15:00-16:00

Place: 891-1D-002

Attendees:

Brice Copy (BC), BE/ICS
Geraldine Thomas (GT), BE/ICS
Christophe Pires (CP), COMPASS

General News:

The COMPASS experiment stopped data-taking on November 14.

The restart of COMPASS is foreseen for May 2017. As COMPASS data-taking for 2017 will be again DVCS (Deeply Virtual Compton Scattering), no new major integrations are expected for COMPASS DCS.

BC informed that WinCC OA 3.15 is under validation and will be deployed during the next EYETS instead of WinCC OA 3.14.

CAN:

GT asked about the current status of COMPASS CAN hardware and software and upgrade/migration plans if any during this EYETS.

COMPASS CAN status:

- Hardware:
 - Kvaser PCI cards for Wiener and ELMB;
 - PEAK PCI card for Iseg.
- Software:
 - Windows 7 64 bit;
 - Systec CAN Wrapper is not used by COMPASS;
 - Wiener “Krakow” OPC DA server;
 - CANOpen 2.9.7.4 OPC DA server;
 - Iseg 6.00.0012 OPC DA server;
 - WinCC OA 3.11 OPC clients.
- Setup:
 - 3 Wiener VME CAN bus lines;
 - 2 Wiener Lv CAN bus lines;
 - 2 Iseg Hv CAN bus lines;
 - 2 CANOpen/ELMB CAN bus lines.

CP reported that COMPASS has no plans to upgrade/migrate CAN hardware during this EYETS. Software will be upgraded as recommended by BE/ICS (ex: WinCC OA 3.15 will be deployed during EYETS after being successfully validated).

CP informed that CAN bus tests will be performed during EYETS to check some small issues.

WinCC OA:

BC reported that a new version of WinCC OA 3.15 was released on 14/11/2016 and that more releases are expected in the next weeks.

CP informed that preliminary tests of WinCC OA 3.15 (releases from 20/10/2016, 01/11/2016 and 14/11/2016) were performed and that several issues were noticed:

- Keyboard shortcuts aren't working properly. Relates to: [ENS-18334](#) and [ETM-1324](#).
- Some alarms are not archived. Relates to: [ENS-18336](#) and [ETM-1393](#).
- On CERN CentOS 7, the RDB manager does not work without libclntsh.so symlink. This can be solved by installing the devel package of Oracle instant client or by manually creating the symlink. Relates to: [ENS-18365](#) and [ETM-1397](#).
- The project upgrade procedure gets stuck if the CTRL syntax check option is selected. Relates to: [ENS-18335](#) and [ETM-1382](#).
- Adding/Deleting panels in runtime doesn't work due to shapeExists function behaviour being different in 3.15. Relates to: [ETM-1386](#).

CP also reported that since WinCC OA 3.15 release of 14/11/2016, the project upgrade procedure on CentOS 7 works fine. Relates to: [ETM-1375](#).

JCOP Framework:

CP informed that while installing JCOP Framework 8.0.0 on a development project, a popup window appeared proposing to add the user operator to the config file. The fwCore tries to figure out some account that it may know, proposes a possible username that exists and offers to add it to the config file. As suggested by Piotr Golonka, I put back a username without enough rights and its password in the project config file, although now WinCC OA 3.15 warns that username and password are in the config file and suggests to remove them. Relates to: [ENS-18337](#).

CAEN:

Regarding the possibility of integrating a CAEN NIM module N1470, CP informed that the user decided instead to use “standard” CAEN high voltage modules. Relates to: [ENS-17567](#).

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