Status of DCS for 2003 run

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Upgrades

Main: pccompass04	Spare: pccompass07 ⋆
OS: RedHat 6.1 *	OS: RedHat 7.3
PVSS2 v2.12	PVSS2 v2.12
Framework v1.2	Framework v1.2
DIM: - new API manager	DIM: - new API manager
- new DNS	- new DNS

* to be upgraded
⋆ disk problem recently. Disk replaced.

Upgrades

OPCs running on pccompass03 ↷ pccompass04

Main: **pccompass03**	Spare: **na58pc014**
OS: Windows NT *	OS: Windows 2000
PVSS2 v2.12	PVSS2 v2.12
- PLC1 connect.	
- PLC2 connect.	
- ELMB	Spares of ELMB and
- Profibus	APPLICOM cards to
	be installed ⋆

* to be upgraded

⋆ to be installed

New ELMB card $\Longrightarrow$ reconfigure according to new philosophy

Requests to IT/CO

$\Rightarrow$ User requirements presented by DCS/COMPASS to IT/CO were accepted for implementation:

- Modifications at SLiC level

  * Surveys split into 2: one for set (slow survey) and other for monitored (fast survey) values

  * "Read on request" of values

- Modifications at Framework level

  * Different authorization levels

  * Change behaviour in case of loosing contact

To be delivered by IT/CO very soon. To be installed and tested this month with some detector on.

Requests from detectors

The following requests from detector groups were received and are being studied:

- Wiener fan-tray and LV controls

- Monochromator for gas quality on RICH

- Alarms on HV from drift chambers and micromegas

- Temperature measurements for polarized target

- Temperatures, HV and gas monitoring for silicon detectors

- HV measurements for Trigger (Lecroy modules - provide code that comunicates with Lecroy)

Requests and status of undergoing developments can be followed in the web address: http://wwwcompass.cern.ch/compass/detector/dcs/development.html