ebg *Med* Austron



Cosylab/EBG Organization of common work

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... on behalf of CSL MA team

Basis for collaboration

- Cosylab and EBG signed a framework agreement
- Work is split in Contract Work Orders, per CWO:
 - 1. input from MACS: identify areas of work
 - 2. agree on deliverables
 - 3. work, meet & realign, work
 - @CERN ~once/month, 2-3 ppl / 1 wk
 - weekly Skype conference
 - mail, SharePoint
 - 4. deliver, check
 - 5. ...define next CWO

Cosylab team has (now) access to CERN services
accounts, SVN, Trac

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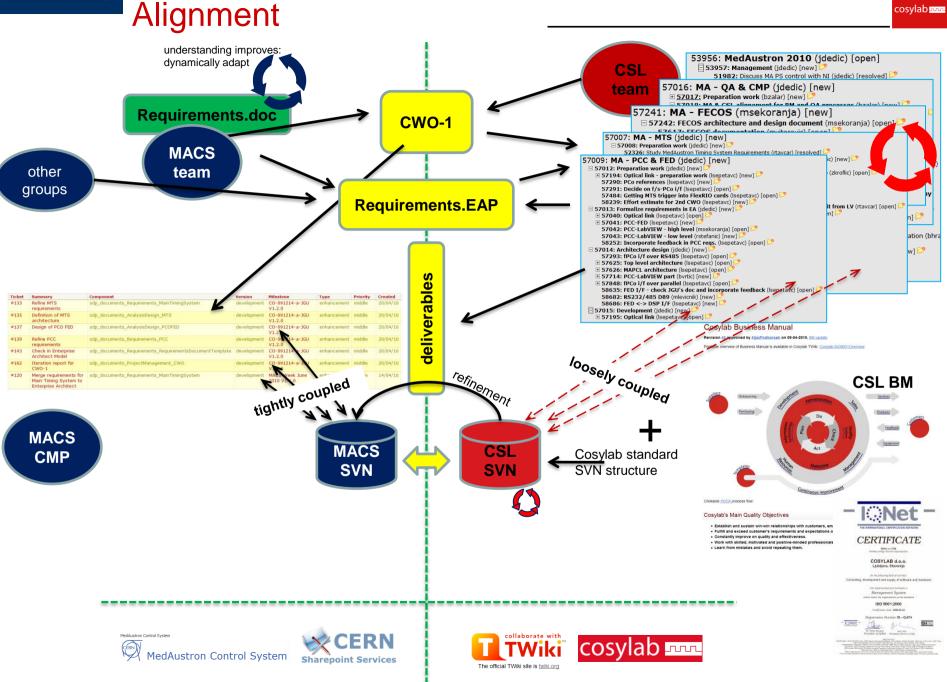
CWO-1

- 80 person-weeks (April, May, June)
- core of the work
 - □ studying the overall system,
 - identifying requirements,
 - refining existing requirements;
 - improving overall consistency
 - simplifying complexity
 - prototyping

CWO-1 topics

- main timing system, MTS
 - orchestrating all accelerator devices for perfectly synchronous operation
- integration of power converters (PCos) into CS
 - □ a bridge between CS and PCos, providing PCos
 - real-time set-point values
 - control interface
- front end control system, FECOS
 - □ SW layer for all acc. equipment providing
 - standardized connectivity
 - imposing required functionality
- requirement/documentation management (traceability)
- alignment of MA CMP and CSL internal CM environment

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Conclusion

- collaboration procedures (CSL / MACS) aligned
- CSL team set-up (w. CERN accounts) and up to speed
- documentation management env. set-up & aligned / EA
- MTS & PCC requirements refined, consistent, and agreed
- MTS & PCC high-level architecture done
- PCo interface clarified
- FECOS prototype working
- CWO-2; it's perfectly clear, what must be done
- CSL team made a step forward on time critical paths
 - □ fiber link, timing system

we are enjoying the work with MACS team and looking forward to CWO-2 ⁽²⁾

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