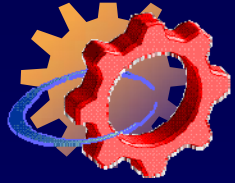


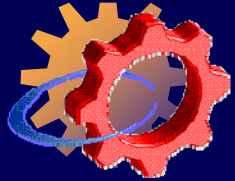
Scope of Data Xchange Coordination

- ✦ Ensure the installation of LHC interfaces in the Experiments
- ✦ Follow up the cabling between machine instrumentation and LHC controls rack in the Experiment Areas
- ✦ Ensure that BIC signals are available at the CIBU of each Experiment
- ✦ Ensure that meaningful data is available @ LHC commissioning



Data Xchange layers

- ✦ Beam instrumentation (from machine groups)
- ✦ Electrical cabling (from C. Guillaume)
- ✦ Communications NW + DIM applications (from IT/CO + LHC/OP + Experiments)
- ✦ H/W interfaces in Experiment racks (from machine groups + Experiments)
- ✦ Applications in Experiments + connection to DCS/DAQ (Experiments)



Systems 2 connect

- ★ TTC

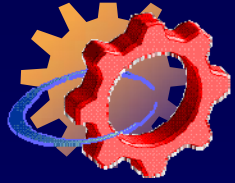
 - ★ Other clocks (GMT)

- ★ BIC (incl. movable devices)

- ★ BPTX

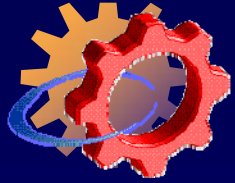
 - ★ BRAN

- ★ (LACS/LASS)



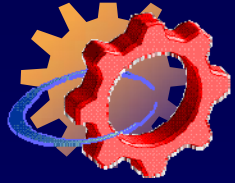
Services/People involved

- ✦ Experiments ([see contacts](#))
- ✦ TS/EL (C. Guillaume) cabling
- ✦ TS/LEA (D. Swoboda) coordination
- ✦ TS/IC installation planning
- ✦ AB/ (R. Jones, B. Puccio, ...) instrumentation
- ✦ PH/ (S. Baron) instrumentation
- ✦ IT/CO (M. Beharrell) Software application
- ✦ IT/CO (W. Salter) Coms interfaces



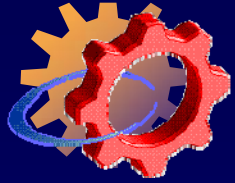
How to get there

- ★ 1 meeting/Experiment to determine what is missing
- ★ Agree with suppliers to get commitment on scope and time
- ★ Organize missing issues



Temptative schedule

- ✦ Cabling Sep – Oct 2006
- ✦ Installation of HW (machine/XP-racks)
now – Mar 2007
- ✦ Test + commissioning \leq Aug 2007



Contact persons

- ★ LHC: Rudiger.Schmidt@cern.ch
 - BIS/SLP: Bruno.Puccio@cern.ch
 - GMT: Javier.Serrano@cern.ch
 - TTC: Sophie.Baron@cern.ch
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 - Timber: Ronny.Billen@cern.ch
 - Cables: Jean-Claude.Guillaume@cern.ch

- ★ ALICE: Detlef.Swoboda@cern.ch
- ★ ATLAS: thilo.pauly@cern.ch
- ★ CMS: Andrea.Gaddi@cern.ch
- ★ LHCb: Richard.Jacobsson@cern.ch
- ★ Totem: (Daniela.Macina@cern.ch)
 - Paolo.Palazzi@cern.ch