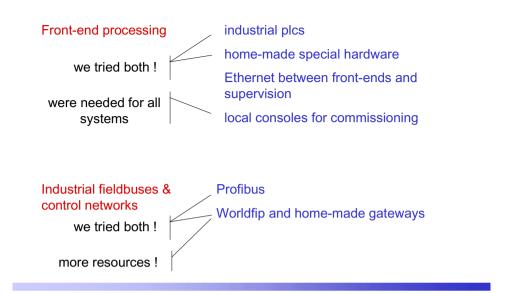
String 2 Experience: Session Summary for supervision applications Technical specifications cryogenics, interlocks, magnet for process definition protection, powering, vacuum cryogenics, interlocks, powering Instrumentation around 1000 i/o channels from sensor to synoptic in commissioning supervision application coherent naming across components resource intesive and systems presence in the field required database as interface between owners, users, cablers, data Instrumentation Working Group acquisition system common language

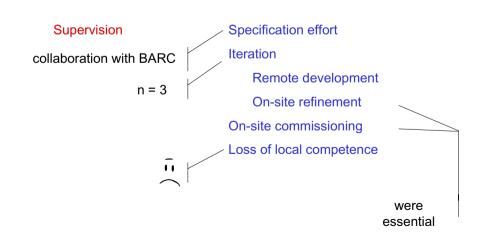
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String 2 Experience : Session Summary

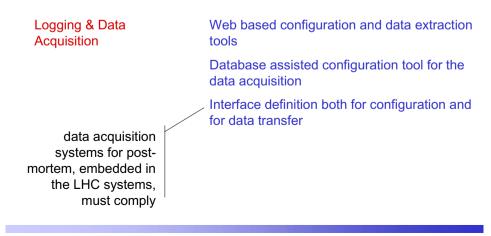


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String 2 Experience : Session Summary



String 2 Experience : Session Summary



CPWorkshop - RSaban 02032

CPWorkshop - RSaban 020322

String 2 Experience : Session Summary Conclusion String 2 is a valuable test-bed digital controls for power converters, industrial PLCs for vacuum, home-made systems for magnet protection. next comes cryogenics with Unicos Prototyping String 2 is a valuable test-bed Commissioning to get a feeling, define and refine methods & procedures for the commissioning of the individual systems Local supervision and the system as a whole Outsourcing supervision String 2 has highlighted the fact that presence in the field is required applications Post-mortem system was it really positive ? can we extrapolate to LHC ? strong indication that CP has to meddle in the definition of the systems, in particular to the interface defintions

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