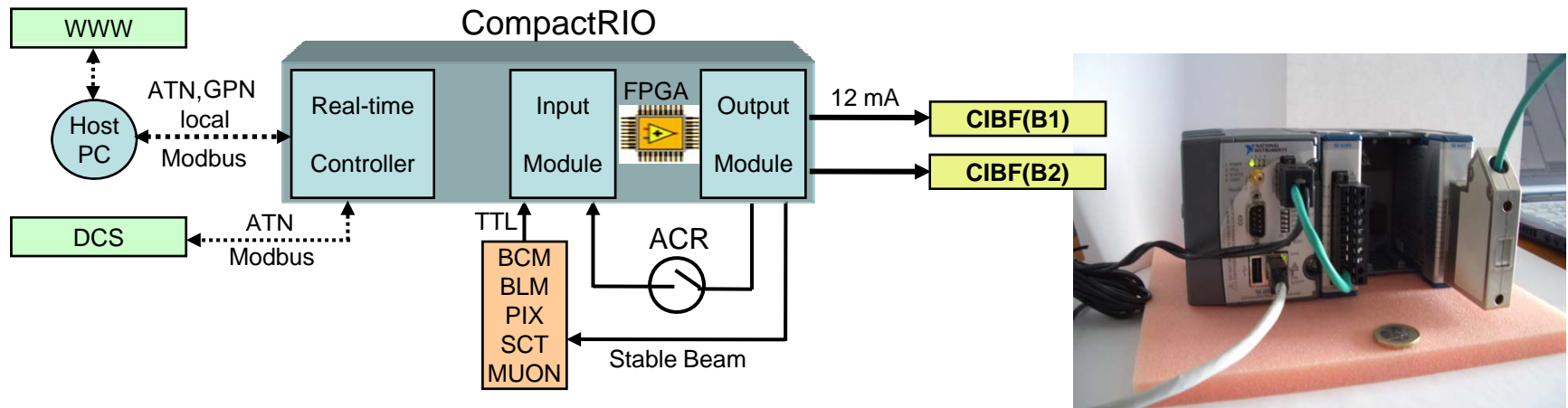

ATLAS Injection Permit

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ATLAS Injection Permit



- Same principle (and even hardware) as for BIS (User Permit)
 - FPGA based hardware system in CompactRIO technology
 - Accessible via DCS or Host PC
- Participating sub-systems
 - BCM/BLM ➔ operational
 - Pixel, SCT, Muon System ➔ on stand-by
 - Key contact ➔ operated by shift leader in ACR
- 3 Modes of operation
 - Real mode: Injection_Permit to CIBF entries B1 and B2
 - Commissioning mode: Alternate Injection_Permit to CIBF entries B1 or B2
 - Test mode (NO beam !): Injection_Permit to CIBF entries B1 and B2
- Basic difference to BIS
 - Pixel, SCT, Muon input can be masked