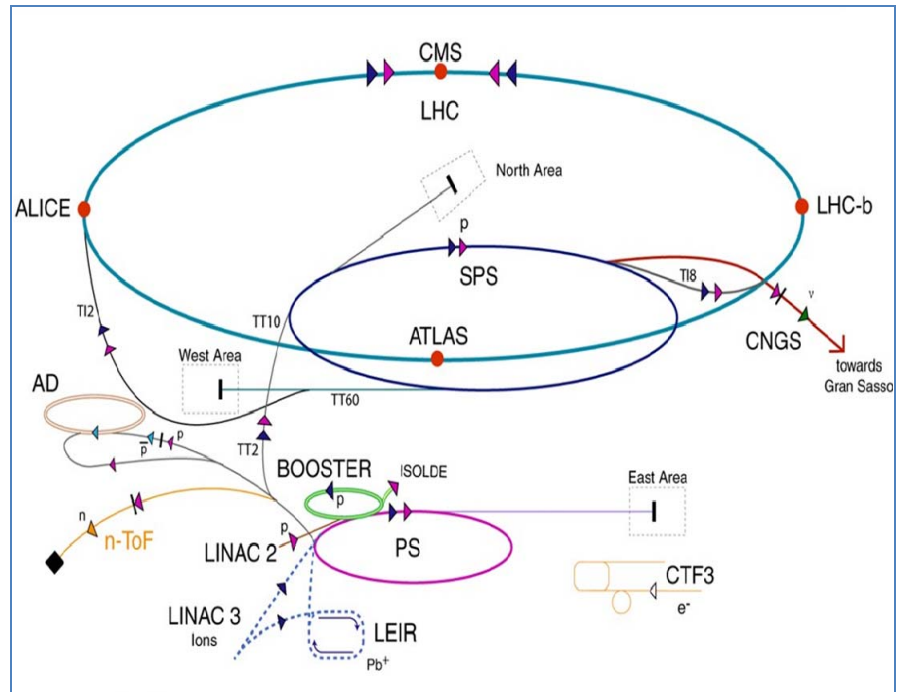
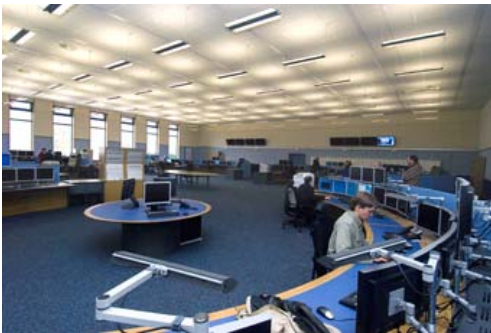


CCC : The CERN Control Center

The CERN Control Centre (CCC), including 39 operating tables, came into operation at the beginning of 2006. It combines the control rooms of the Laboratory's eight accelerators as well as the operation of cryogenics and technical infrastructures.



The new CCC

CERN accelerator complex

In a crucial development for the success of the LHC, CERN has recently build a Control Centre (CCC) for the operation of all its beams and accelerators previously distributed in several dedicated control rooms. Bringing the operators together is an important step in streamlining operations because the performance of the LHC will depend critically on the rest of the CERN accelerator complex, as well as its technical and cryogenic services. All individual control rooms have been merged into one. The new centre is spacious, with a blue colour scheme, large windows along the whole of one side and numerous monitoring screens. The Centre is manned 24h/24h during the whole year and even shutdown periods for the monitoring of the technical infrastructures. During peak operation periods, there may be up to 13 operators working on any one shift in the room, not counting the many experts responsible for assisting them. The Centre, therefore, has 39 consoles (each with 3 control screens and 3 monitoring displays) for four different areas (the LHC, the SPS, the PS complex and the technical infrastructure). Seven consoles for the cryogenic system will be distributed between the LHC area and that for the technical infrastructure to allow remote monitoring and control of all cryogenic plants around the 27-km ring.

LOCATION OF CERN CONTROL CENTER

