

## **Control room / Interlocking building**

### **Design:**

Working with an architect and set of designers for designing all the rooms sizes separation and connectivity, according to the customer's standards and program.

Approving all design with the relevant discipline in the railway  
formulating agreements with the nominated contractors, defining their equipment, approving price lists and proposals, designing and constructing the rooms according to contractors' needs, and supplying and commissioning their equipment.

typical systems: Optical cabling and transmission, telecommunication cables and transmission, signaling, VHF, GSMR, Cellular, security systems CCTV detectors etc., electrification SCADA.

### **Construction:**

Execution according to design, timetable and budget  
conducting supervision reports by designers  
commissioning and handing over to the customer

1. Electrification system
2. Rail Communication
3. Optical transmission
4. Wireless communication
5. Control system for trains – signaling
6. Railway line