



Case Study

Lead Designer of an Underground Secure Facility

OBJECTIVES

Our client had a requirement for the design of a secure working area to enable the operational provision of classified IT systems to the MOD. The client required the reconfiguring of a subterranean location within an existing secure premise to enable separate team working. The requirement included new heating & cooling, ventilation, security and data systems to support a multitude of UK and multi-national classified IT systems.

SOLUTIONS

Closely following the RIBA design process, we developed the conceptual designs with numerous user groups to meet all of the requirements stipulated in the URD. The success of the design was down to our close cooperation with the end-user and the collaboration with the team of MOD specialists. Strict adherence to the safety measures within a subterranean environment had been paramount ensuring a compliant safe working area that fulfilled the strict security protocols. The design was compliant to current Government rules and regulations for the protection of UK Government assets of critical infrastructure.

BENEFITS

HS Infra, to the complete satisfaction of the client, delivered a design package for a new secure facility for the operational support of the next generation of secure equipment and systems for the MOD.

AT A GLANCE

- Design to RIBA stage 4 including architectural, civils, mechanical, electrical, data, fire and security systems
- Challenges for subterranean services
- SCIDA and JSP security compliance
- Security clearance requirements
- Design Through Build assurance during RIBA stages 5 and 6
- Project duration 12 months



"HS Infra's in depth knowledge of the MOD and its requirements and ensured that this project has been a success."

MOD Client