



## Range improvements

**A review of combat training required for current active deployments by UK Armed forces highlighted that the operational shooting policy did not meet the needs of contemporary operational environments.**

### The challenge

Part of the new policy involved physical changes to the infrastructure on some ranges. The ranges involved were Multiple Moving Target Trainer Ranges (MMTTR) and Individual Battle Shooting Ranges (IBSR).

### The solution

The main requirement was to provide changes to the firing point infrastructure that better emulated the physical conditions experienced in the operational theatre, forcing the trainee to fire from more difficult firing positions with minimum personal exposure.

There was also a requirement to make the target arrays look more like the operational environment, and reduce the exposure time of moving targets.

### The benefits

Our work alongside the UK Defence Infrastructure Organisation (DIO) on this project produced an approved national standard design using both current and new materials. This project, which was completed on time and in-budget, has drastically improved the emulation of the combat environment, better preparing soldiers for what they may face in the field.