



## Future Dismounted Close Combat (FDCC)

**The FDCCR Project is a three-year research programme to identify potential significant advances in Dismounted Close Combat (DCC) capability in the post-FIST era, with particular attention to disruptive technologies.**

The research programme focuses on the five NATO domains, while recognising the contribution made by each to the overall capability of the soldier system. The research identifies and evaluates potential solutions to capability gaps, undertakes analysis and experimentation as required to support evaluation and technology risk reduction activities. Analysis and experimentation is undertaken to provide guidance on:

- the likely threats, environments and effects required for the future small arms capability, and wider Battlegroup (BG) level systems
- future C4I capabilities and associated technologies for DCC and the soldier and how they will be implemented in the context of the wider Network Enabled Capability (NEC) scene;
- how survivability of personnel and DCC equipment can be improved;
- issues relating to load carriage and power, both portable for the soldier and (where an issue) wider assets, and how might they be addressed, in the context of the integrated soldier;
- technical risk reduction of enabling technologies;
- demonstration of proposed solutions.

### Phase 1

Future Dismounted Close Combat (FDCC) programme to determine potential significant advances in DCC capability .

### Phase 2

Additional Phase 2 activities (from 01/04.2010) included:

- Enhanced Balance of Firepower;
- BoE and BoF at Platoon level;
- Sharpshooter Trial;
- Exploitation Modelling;
- Weapon data rail standard;
- Weapon Ergonomics;
- Weapon Security;
- Coincident Firing Benefit Analysis;
- Enhanced Acoustic Demonstrator.



### Phase 3

Additional WPs derived from an analysis of FDCC1, FDCC2 and the Consortium's assessment of operational need derived from SDSR, Post Operational Reports, Fast Track to Front Line and the 4 SSL Priorities.