

# Real Battle Data for War Games

## Background

The MoD/Dstl have a wealth of operational analysis and historical battlefield operational data gathered from every encounter over many decades. This data has the potential to enhance the credibility and therefore the experience for war gamers. It is now available for licensing to games developers.

Whilst, licensing of real data is common in sports and racing franchises, licensing of military information and analysis represents a unique marketing advantage.

## Technology

In order to understand the evolving, underlying mechanisms of conflict, Historical and Operational Data Analysis (HODA) considers the actual effectiveness of a weapon system in past military campaigns. It incorporates factors such as weapon accuracy, vehicle motion, field of view, fatigue and stress of war fighters etc. It also considers the operational analysis of quantified data describing actual system behaviour (including war fighters). Their outputs provide support to UK Policy, Doctrine and Operations.

The analysis teams develop combat decision trees for real battles. These are overlaid with statistical analysis of equipment performance and strategic decisions etc. This information could be used to improve the content realism of war games (first person shooters) and create a differentiator in the marketplace.

## Benefits

- Real military data (HODA)
- Support from Dstl experts to accelerate product development
- Create games with a new dimension of realism

## Applications

- Use of datasets and statistics for “under the bonnet” usage in games
- Advice from Dstl on increasing realism (not believability) and creating more variation in the games

## Intellectual property

No patents. All information is know-how.

This is an opportunity for a partnership with Dstl to assist in developing new products for the gaming sector.

Potential licensing rights to MoD trademarks.

### Licensing & Partnering Opportunity

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