

## Human Factors Integration Defence Technology Centre Exploitation of Programme Outputs

The Human Factors Integration, Defence Technology Centre (HFI DTC) is one of four DTC's funded by MOD. A DTC is a formal collaborative arrangement between industry and academic experts in a particular technology, funded jointly by participants and the MOD. The participants work together to generate and enhance an area of technology considered vital to the delivery of future UK Defence capabilities. The HFI DTC commissioned Quotec to assess the viability of exploiting their current research outputs and develop a framework for assessing the exploitation viability of future research outputs.

Quotec provided support to the HFI DTC, to assist in exploiting a number of specific of research outputs, including some serious games software, some reports and some assessment methodologies. Quotec designed and implemented a structured assessment tool to evaluate 18 research outputs for market accessibility and market attractiveness. From a shortlist of outputs prioritised through this tool, one was identified as presenting the best commercialisation opportunity. For this output, a software-based trauma surgery simulator, Quotec created a detailed exploitation plan including a review of strategic fit, market assessments, a review of the competition, the route to market, resource requirements and risk assessments.

The HFI DTC use the structured assessment tool for assessing new research outputs and have also adapted the tool to include further areas of work. As part of this programme of work Quotec also delivered a framework of key success measures for current and future HFI DTC programmes, and a review of additional funding opportunities.

This project ran to time and to budget. The client was very pleased with the work, saying ***"Quotec took on a challenging "quick-look" study to investigate ways to improve the exploitation of research outputs from the HFI DTC. HFI DTC research outputs are mainly processes and methodologies rather than tangible physical devices. Our HF demonstrators are also at a low technology readiness level. Nevertheless, Quotec succeeded in providing new insight into how to improve exploitation based on their experience working with other technology developers."***