



## Live Synthetic Balance Decision Support Tools

The investigation which is the subject of this Report was initiated by the Dstl Programme Office.

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## Executive Summary

The report examined 5 decision support tools. The conclusion “Of these, two developed in the US had concept demonstration software developed but these did not appear to be available or still in use. The Media and Methods Selection Tool (MMST) developed by Defence Centre of Training Support (DCTS), has potential for use but is still under development and is not aimed at the full complexity of the live Synthetic balance debate. The Live Synthetic Balance Decision Aid (LSBDA) concept demonstrator provides an extensive list of questions and concerns that should be considered when selecting between live and synthetic options. It does not provide much processing of the data or support the comparative evaluation of environment options, but the question set could form the basis of a useful tool. The ADVISOR tool is a commercial product which can support the analysis of large scale and complex training problems and is transparent in its method of rating alternative training options. It considers many input factors and can support detailed cost analysis and provide cost comparisons between options. It can also be customised to support the evaluation of users’ training solutions.”

The report recommends “The ADVISOR tool is applied to a current project to more fully explore its capabilities and the utility of customisation of the tool to meet specific project needs”.

**The report will be released once approval from Dstl Programmes Office is received.**