



# A powerful architecture tool available via an enterprise-wide MOD support contract

## Background

Defence Digital provides a set of global personnel, across the Ministry of Defence, with core IT services vital to their role. Whether on the front line or in the back office, enabling mobilisation, modernisation and transformation, Defence Digital is the digital lynchpin in the MOD's operations.

Many teams from all commands across the MOD, as well as industry partners, have a need to create architectural models of operations and processes or create interactive solutions to ensure coordinated, efficient and safe working conditions. These needs can be short or long-term, planned well in advance or an unplanned urgent requirement, and can be for one user or thousands.

Defence Digital needed a software product and dedicated support that would be flexible enough to meet these multiple requirements, was scalable, and instantly available without commercial delays or constraints.

## Challenge

A solution was required that could be easily learned, deployed swiftly, enabled rapid building of models and operational solutions and would be technically sophisticated enough to tackle a wide range of tasks. The software platform also needed to:

- Be no-code / low-code.
- Enable architecture building from which stakeholders could gain business insights.
- Be architecture-framework agnostic.
- Create digitised operating frameworks.
- Enable analysis and presentation.



## Solution

CACI agreed upon an enterprise licensing approach, meaning anyone in the MOD can request a Mood license online or by telephone and can access a new Mood repository the same day. Training is provided on request and a short course is the sole requirement to start working with the software.

The support service provides guides users to ensure they receive the most benefit from Mood. CACI also runs regular user forums to bolster the MOD Mood user community's knowledge sharing.

Mood Business Architect (MBA) software provides a no code/low code Enterprise Architecture tool for developing and maintaining models. The product is extremely flexible and enables users to define data structures and relationships as required to model their problem space. The software utilises a SQL server database and network hosting grants multiple architects access to the model to contribute towards it. A powerful permissions model with the MBA tool ensures administrators can protect and restrict access as applicable.

Once developed, models can be shared with a wider stakeholder base via Mood Active Enterprise (MAE). Models are presented in a web browser and tools are available to make the user experience fully interactive, such as by establishing opportunities to update data, apply filters, drill down/up into lower or higher levels and more.



## Results

There are 60-100 individual repositories built in Mood at any one time, all of which are supported through the Managed Service, with thousands of users.

## Future

The Managed Service (MS) provided to Defence Digital as their architecture tool of choice continues to support users throughout the MOD by granting access to licensing and support via the MS desk. This provision underpins a wide range of operational capabilities through the Ministry and provides continued value through the delivery of comprehensive support and advice for enterprise architects and users of Mood applications.

**"The Managed Service is excellent. It provides a means for anybody in the MOD to take advantage of the flexibility of Mood in the development of online applications or architectural models. In this it is second to none. In addition, the CACI team provide the support and management of the service to ensure that the end user has a trouble-free experience."**

**The responsiveness of this service to requests, issues and queries, in general, is quick, efficient and effective. The software is kept up to date in a controlled and risk-free way. This does not mean that there aren't issues, but these are generally dealt with quickly and, in the main, transparently. Our experience of the Service in the development of Lighthouse (Defence Exercise Programme) and Lantern (Observation Capture and Analysis) for JW and Astral (Collective Training Objectives Management) for Air has enabled us to deliver solutions that are effective and adaptive to changing user needs, offering significant cost-effective benefits to their end user communities."**

**Alan Payne**  
Managing Director  
Agilent International