

SwAF uses Mood to enhance interoperability

Mood from Salamander has been deployed to improve configuration control as the Swedish Armed Forces participate in more international assignments.

During 2004, in response to the changing geo-political landscape, Sweden made the decision to take part in international peace promoting operations. Previously the Swedish Armed Forces (SwAF) had focused exclusively on national defence.

The step-change required significant realignment of systems to enable interoperability with international Forces.

SwAF support organization Defence Materiel Administration (FMV) has played a pivotal role in this process. It quickly identified that former paper-based methods of system control would become too unwieldy with the large number of potential coalition partners. The situation called for a new method to keep control of different configurations.

It was clear that a common architectural framework would provide the best solution. Using the Ministry of Defence Architectural Framework, MODAF, a Coalition Interoperability Process (CiOP) was developed.

After evaluating several tools, FMV selected Salamander's Mood to support the process. It was chosen primarily because of the powerful graphical interface with its easy-to-interpret outputs. A further benefit of Mood was that SwAF personnel needed minimal extra training to act as Subject Matter Experts (SMEs) in the development of the architectures. So far, eight architectures have been developed to meet different operational needs of SwAF.

Working closely with FMV, Salamander has devised a seven-phase agenda to facilitate configuration control with enhanced interoperability. The agenda originates in definition of baseline capability, followed by determination of required future capability and identification of gaps and excesses. Potential solutions are analyzed inline with capability gaps and once an appropriate solution has been selected, a roadmap is created to both outline developments needed and monitor their progress. The roadmap is essentially a MODAF acquisition view 2 in Mood with linkage to other views for dynamic follow up of roadmap progress.

This will be a long-term project, involving the ongoing build of more complete architectures for future work. However, Mood has already facilitated some very complex interactions between the



multinational coalition. It has also provided a good support mechanism during discussions of international cooperation with other nations. Further to this, as budget and personnel constraints tighten, the traceability advantages realized from the deployment of Mood will reap dividends.

Infopoint

What is FMV?

The Defence Materiel Administration (FMV) is an independent, civil authority. Its primary task is to provide the Swedish Armed Forces (SwAF) with materiel, systems and methods that will be effective today and in the future. The relationship is similar to that between the MOD and D&ES. FMV translates SwAF requirements outlined in CONOPS, TTEM (Tactical Technical Economical Goals) and TOEM (Tactical Organizational Economical Goals) into technical requirement documents for purchasing.