



## CRaG Systems Modelling Training and Consultancy

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# MODAF with Enterprise Architect KickStart Model Development Workshop - N Days

CRaG Systems MODAF with Enterprise Architect KickStart Model Development Workshops provide focused, intensive workshops that get your project moving immediately. KickStart Hands-On Model Development teaches the concepts of the MODAF architecture framework by applying the methods directly to your system architecture using Sparx Systems' Enterprise Architect modelling tool, with valuable and practical benefits to your team. MODAF modelling methods are learned and retained better by the students since the example used is directly relevant to your organisation's business and system architecture and to the immediate project with no long theory classes before applying the methods.

The consultant shows the team how to develop whichever views of enterprise architecture are required including how to organise the views into an interconnected and cohesive whole. The model is constructed using industry best practice for each part of the model and the consultant teaches the necessary detail of the MODAF syntax and model structure as the model is developed. Students work either in teams or separately to develop further the models started by the consultant under his or her guidance. Sparx Enterprise Architect and MODAF 1.2 are used throughout. The models produced are sufficiently detailed to allow the students subsequently to complete them unaided.

### **Delegates will learn some or all of the following MODAF modelling skills as required:**

- The basics and the necessary detail of the MODAF framework
- The core MODAF concepts of Views, Viewpoints, View Categories and Viewpoint Linkages
- How to model the All Views Viewpoint (AV) including AV1 & AV2 views
- How to model the Strategic Viewpoint (SV) including StV-1 to StV-6 views
- How to model the Operational Viewpoint (OV) including OV-1a to c, OV-2 to OV-5, OV-6a to c & OV-7 views
- How to model the System Viewpoint (SV) including SV-1, SV-2a to c, SV-3 to SV-9, SV-10a to c, SV-11 & SV-12 views
- How to model the Technical Standards Viewpoint (TV) including TV-1 & TV-2 views
- How to model the Acquisition Viewpoint (AcV) including AcV-1 & AcV-2 views
- How to model the Service Oriented Viewpoint (SOV) including SOV-1 to SOV-3, SOV-4a to c & SOV-5
- How to link elements in different viewpoints to show, for example, how Capabilities in the Strategic Viewpoint are realised by elements in the Operational and System Viewpoints
- How to organise the model to make elements re-useable across architectures taking into account cross-layer dependencies
- How to model Architectural Views and Viewpoints appropriately for different Stakeholders

### **Delegates will learn some or all of the following Sparx Enterprise Architect skills as required:**

- The basics and the necessary detail of the use of Enterprise Architect
- How to generate and maintain documents from the different parts of the model
- How to keep all the models of business and system architecture change-managed and traceable as part of an enterprise architecture development process
- How to integrate external documents with the enterprise architecture model
- How to use the project management capabilities available within Enterprise Architect
- How to use the tool in a multi-user environment integrated with a version control system

### Suitable for:



Enterprise Architects, Solution Architects, Business Analysts, System Analysts, Developers, Project Managers and Support Staff with at least 2 years experience. This workshop is not suitable for those seeking certification as a step towards a qualification. See the Certification Policy for a detailed discussion.

### Project Materials Preparation:



The client is advised to provide adequate documentation regarding the overall project goals and functionality of the project to be modelled, under non-disclosure if necessary, at least 2 weeks prior to the start of the training, if possible. If no project documentation is available, then a stakeholder with a suitable knowledge of the problem domain should be available to take part in the workshop sessions. Stakeholder involvement in problem domain modelling sessions is always encouraged.

### On-Site Workshop Logistics:



Workshops are delivered at the clients' site and attendance is normally limited to 12 students. Workshops normally start at 9.30am on the first day and 9.00am on subsequent days with an hour for lunch and a 15 minute break in the morning and again the afternoon. Workshops normally finish at 5.00pm each day. The client is expected to provide an appropriate venue, equipment and refreshments. Required equipment includes an XGA/WXGA projector and screen, whiteboard or flipchart and at least one computer per two students loaded with either the evaluation version of Enterprise Architect or a recent licenced copy. For a full discussion of on-site workshop issues please see On-Site Course and Workshop Logistics.

### Pricing:



Please use the On-Site Workshop Price Calculator to get firm quotations for workshops of different lengths on-site at your premises depending on your expected need.

## Suggested Daily Workshop Outline

AM	PM
<b>Outline</b> Review of model so far - scope modelling for today	<b>Modelling</b> Consultant supported team/individual development of assigned modelling tasks
<b>Modelling</b> Consultant led initial development of chosen modelling area. Assignment of modelling tasks.	<b>Review</b> Consolidation and review of the days modelling work

Should the content of any MODAF with Enterprise Architect workshop training course not fit your exact requirements, then CRaG Systems can create a custom course for you. Please either email or call us to discuss your particular needs.

MODAF is an architecture framework developed by the Ministry of Defence

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