



Deploying MBSE - The Trinity Approach

A one-day workshop covering the areas that have to be considered when planning an MBSE deployment. The workshop covers: capturing the reasons for deploying MBSE in your organisation, understanding your MBSE capabilities (current and desired), understanding where you are on the MBSE evolutionary path and where you want to be, identifying the tasks needed to move your organisation along the path.

Duration: 1 day

Overview of the Trinity Approach

- What is Trinity?
- Techniques
- Identifying Reason
- Identifying Capability & Evolution
- The Evolutionary Path

The approach to understanding the areas that have to be considered when deploying MBSE is known as the Trinity Approach. This module provides a high-level overview of Trinity, the techniques that are used as part of the approach and the trinity of considerations, Reason, Capability & Evolution, which have to be understood. It then gives an overview of the Evolutionary Path that is generated from the exploration of the three considerations.

Reason

- Defining the Reason – Structured Text
- Defining the Reason – Context Modelling
- Defining the Reason – TeamStorming
- TeamStorming and MBSE
- Workshop Part 1

This module looks at techniques that can be used to determine the Reason why the deployment of MBSE is being considered. After looking at the three most commonly used techniques, they are put into practice in the first part of the workshop.

Capability & Evolution

- Understanding current and future Capability
- RAVeNS overview
- Understanding Evolution
- Workshop part 2

Once the Reasons for deploying MBSE are known, it is essential to understand our current MBSE capabilities (or lack thereof) and our desired future capabilities. With these established, the steps needed to evolve from





SCARECROW CONSULTANTS

the current to future capabilities can be identified and planned. This module considers these two considerations of Capability & Evolution through the use of Scarecrow's unique RAVeN^S (**R**eview **A**nd **V**isualisation of **E**nabling **S**trategy) tool. After discussing these concepts, RAVeN^S is used to explore them in the second part of the workshop.

The Evolutionary Path

- Putting it all together – the Evolutionary Path
- Deployment timescales
- Showing that Reasons have been addressed
- Workshop part 3

This final module discusses how to bring all the information gathered on the three considerations of Reason, Capability and Evolution can be brought together to form the Evolutionary Path – plan for how to deploy MBSE in your organisation. This is done in the final part of the workshop.

The Workshop

The workshop runs throughout the course and will be conducted in small teams with guidance from the course tutors. It is carried out on paper using flipcharts, together with Scarecrow's special RAVeN^S sets, which are provided for use during the workshop.

Target Audience

This course is aimed at Systems Engineers and managers who have been given responsibility for the deployment of MBSE in their organisations and who want to gain an understanding of the concepts and techniques that will help them make the deployment a success.

Benefits

The benefits of this course are as follows:

- Understand the need for MBSE and the importance of People, Process and Tools
- Understand the importance of the three key considerations of Reason, Capability and Evolution
- Understand the techniques that can be used to explore and capture information about the considerations
- Gain practical experience in using the techniques
- Understand how to bring the results together into a plan for deployment

Prerequisites

Attendance on one of our core MBSE courses (either the 1- or 3- day versions).



enquiries@scarecrowconsultants.co.uk

+44 (0)7725 848776

+44 (0)7955 460270

SCARECROW CONSULTANTS

Material

Face-to-Face Courses

Delegates receive PDF copies of the course notes, summary sheets and physical copies of the book *'Implementing MBSE into your Organisation – The Trinity Approach'* written by the course tutors and published by INCOSE UK.

Remote Courses

Delegates receive PDF copies of course notes and summary sheets, along with an eBook version of *'Implementing MBSE into your Organisation – The Trinity Approach'*.

More Information

For more information on this course, or any of our other offerings, please contact Scarecrow Consultants Limited using the details above.