

# Mekon Eclipse Create S1000D: Adobe FrameMaker Edition

- Who** This course is aimed at technical authors who understand how to prepare structured documents using FrameMaker and who work with ASD S1000D data modules.
- Why** The Introduction to the Eclipse Application course will give you the skills necessary to work with various types of data module using Eclipse create. You will be confident to work with data modules in SGML, import them into FrameMaker, edit and author the contents, validate the results and export the results to SGML. In addition, you will gain a broad understanding of the purpose of the Mekon Eclipse Suite components and the error reporting process.
- Length** 2 days

## SGML and XML

A definition of SGML  
Disadvantages of maintaining documents in proprietary formats  
Advantages of storing documents in SGML format  
The principal components of an SGML document  
Industry-standard DTDs  
A definition of XML  
Parsing SGML/XML documents

## ASD S1000D

The purpose of ASD S1000D  
The history of S1000D  
Benefits of using S1000D  
The Common Source Database and the Data Module Requirements List  
Data module types and core structure

## Using FrameMaker

Using FrameMaker to process SGML/XML documents  
Default processing  
Processing using a structured application  
The components of a structured application

## Descriptive Data Modules

Eclipse Create S1000D Preferences  
Build on open and include TOC in build  
Data module structure  
Adding new content to the data module  
Editing techniques  
Inserting single- and multi-graphic figures  
Setting board numbers, notation and entity declarations  
Editing and formatting figure titles  
Inserting cross-references  
Manually and automatically updating cross-references  
Locating and fixing unresolved cross-reference  
Inserting tables  
CALS table structure  
Adding and formatting data  
Customising the table  
Inserting caption groups  
Validation  
Exporting SGML/XML

## Procedural Data Modules

Data module structure  
Adding new content to the data module  
Referencing another data module  
Updating the references section  
Inserting ISO special entities  
Inserting symbols  
Adding foldout pages and changing page size  
Inserting warnings, cautions and notes  
Final output build

## Identification & Status Information

Hide/Show  
Data module address  
Security classification  
Responsible partner company and originator  
Applicability  
Technical standard  
Quality assurance status  
Validating the data module  
Exporting SGML/XML

## Making Changes to a Data Module

When to update a data module  
Changing the unique identifier  
Changing the issue number and date  
Changes to content and status  
Change marks  
Changes to figures and tables  
Change, Mark, Level and Reason for Change attributes

## Error Handling

Parsing a structured document  
Error reporting and logs  
Editing the application definitions file to identify where graphics are stored  
Printing information to the console  
Mekon customer support

## Dynamic Element Renaming and Security Profiles

Dynamic element naming  
S1000D security levels  
S1000D application security profiles

## Flight Reference Cards Data Module

S1000D application templates  
Adding and duplicating steps in a drill  
Refreshing step numbers in a drill  
Nesting steps  
Specifying a conditional case  
Specifying a nested if condition  
Adding sub drills  
Thumb tabs  
Validating the data module  
Exporting SGML/XML

## IPD Data Module

IPD structure  
Adding illustrations  
Editing and formatting a figure title  
Editing and formatting the IPD  
Adding items to the IPD  
Validating the data module  
Exporting SGML/XML

## Fault Isolation Procedure Data Module

Fault isolation procedure structure  
Creating a new FIP document  
Preliminary requirements  
Adding steps to the FIP  
Questions and answers  
Reference information  
Identification and status information  
Validating the data module  
Exporting SGML/XML

## Schedule Data Module

Schedule data module structure  
Creating a new schedule document  
Inspection definition  
Task lists  
Identification and status information  
Validating the data module  
Exporting SGML/XML