



Author S1000D Content to the ASD S1000D in R4i Writer - Basic

Classroom Duration: 3 Days

Virtual Duration: 6 x 2 Hour

Chapter 1

S1000D Authoring Start Point

- Introduction
- Business Rules
- Rules for Authoring S1000D

Chapter 2

Introduction to Data Modules

- Introduction
- Mandatory, Optional and Conditional Element Types
- SGML and XML, What are the differences?
- Data Module Identification and Status and Content Sections

Chapter 3

Identify available Information Sets

- Introduction
- What is an Information Set
- Types of Information Sets
- Information Sets specific to Air
- Information Sets specific to Land and Sea

Chapter 4

Start and Configure R4i Writer

- Starting R4i Writer
- Logging On
- Connect to your SQL Server
- R4i Writer Window
- Toolbar
- Set your S1000D Versions
- Skins
- Repository Browser Overview
- Repository Browser Search
- Document Window Overview

Chapter 5

Author the Identification and Status Section

- Identification Section
- Data Module Address
 - Data Module Code (DMC)
 - Technical Name
 - Infoname
- Status Section
 - Security classification
 - Responsible partner company
 - Originator



- Applicability cross-reference table reference
- Applicability
- Business rules reference
- Quality assurance

Chapter 6

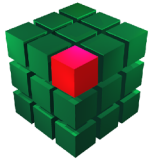
Authoring Common Data Module Elements

- Data Module Common Elements
- References
 - To be presented in the reference table - Element <refs>
 - Element <dmRef>
 - Element <externalPubRef>
 - In-line use of element <dmRef> and element <externalPubRef>
- Warnings, Cautions and Notes
 - Warnings
 - Cautions
 - Notes
 - General
 - Elements
- Paragraphs
 - Indexes (O)
 - Emphasis (O)
 - Symbol (O)
 - Subscript (O)
 - Superscript (O)
 - Acronyms (O)
 - Footnotes (O)
 - Verbatim (O)
 - Paragraph significant data (O)
 - Quantity data (O)
 - Functional item number (O)
 - Circuit breaker (O)
 - Zones and access panels (O)
 - Part number and associated manufacturer code (O)
- Tables
- Figures and Foldouts
 - Illustrations
 - Foldouts
- References
- Lists
 - Sequential lists (O)
 - Random list (O)

Chapter 7

Authoring a Descriptive Data Module

- Required DTD and Schema information
- Descriptive information
- Preview
- Check Spelling
- Manage Dictionaries



Chapter 8

Authoring a Procedural Data module

- Required DTD and Schema information
 - XML modular schema instances
 - XML flat schema instances
- Procedural

Chapter 9

Authoring a Crew Data Module

- Required DTD and Schema information
 - XML modular schema instances
 - XML flat schema instances
- Crew/Operator information
 - General information
 - Land/Sea Product description for the Crew/Operator
 - Crew/Operator operation information
 - Crew/Operator sequential operation information
 - Crew/Operator fault detection, isolation and resolution information
 - International, national and regulatory scheduled check information

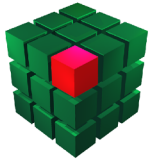
Chapter 10

Tasking

Chapter 11

Other Tools

- Introduction
- Find
- Symbol Palette
- Quick Insertion Functions
- Set IDs
- Brex Check



Author S1000D Content to the ASD S1000D in R4i Writer - Advanced

Classroom Duration: 2 Days

Virtual Duration: 4 x 2 Hour

Chapter 1

Applicability In Depth

- What s Applicability
- History of Applicability
- How to use Applicability
- Applicability Cross-reference Table Ref
- Conditions Cross-reference Table Ref
- Products Cross-reference Table Ref
- Simple Applicability
- Referenced Applic Group
- Why do you need applicability

Chapter 2

Applicability

- Introduction
- Applicability
- Create an ACT Data Module
- Apply Applicability to a Data Module

Chapter 3

Common Information Repository

- What is Common Information Repository
- CIR dependant Data Module
- Reasons for using CIRs

Chapter 4

Author a Common Information Repository

- Required DTD and Schema information
- TIR/CIR Information
- Author TIR/CIR Data Module
- Author Warning CIR
- Insertion of TIR Content

Chapter 5

Templates

- Introduction
- Table Designer
- Customised Templates