**Sparx Systems Enterprise Architect Training for IATA Airline Industry Data Model (AIDM) for Business Analysts**

Duration: 2 days Public Training for Individuals

## Target Audience

This training will provide guidance and skills to individuals involved in the development of Airline Industry Data Exchange standards, as well as organizations or individuals wanting to use the models in the AIDM for development of their IT systems.

## Prerequisites

Basic comprehension of software and system engineering modeling tools and their functionality as well as the fundamental knowledge concerning the concepts of UML and object-oriented programming techniques is highly recommended.
*Bring in your own Laptop with Installed Enterprise Architect software*

## Content

- Technical Basics
    - Packages, Model vs Diagram, GUIDs, Baselines, Locking
- EA GUI
    - Project Browser, Menus, Toolboxes, Shortcuts, Finding elements, Customizability, etc
- Diagram Types
    - Usage & Artifacts as per UML
    - Classes, Attributes, Association types
- Diagramming Tools
    - Standard diagrams, Layered diagrams, List Views, Association visibility across diagrams, "Click through", Swimlanes, Diagram "Properties", Graphics (brush painter, alignment, etc.), Copy/Paste diagrams
- Relationship Matrix
- Traceability Window
- Using MDG (Model driven Generation)
    - Schema Composer with UN/CEFACT schema set
    - Brief list of what other technologies EA can generate for
- Automated Development of Project Documentation
    - HTML pages
    - Word documents for model reviews
- XMI Export / Import
    - Possibilities and limits, Between EA Cloud and eap, with other vendors' tools
- Understanding & using Profiles
    - Principles: Toolbox, stereotypes, tagged values, etc.
    - ArchiMate profile brief overview
    - UN/CEFACT CC brief overview (focus on BIEs)