

# An introduction to the TM Forum's Information Framework (SID)



## Who Should Attend?

This training is intended to provide a step by step introduction to Data / Information Modelling, why it is important and how data modelling techniques are applied in the TM Forum's Information Framework.

Anyone who wants to know what the SID is, and why professional data modellers use it, will benefit from this course. If you are involved in a business transformation project, are in the process of selecting a new OSS / BSS application, are working alongside data modellers, perhaps you are a software vendor or systems integrator kicking off a project and you want to provide your Customer with some background, or you simply want to extend your knowledge, then this course is for you.

There is no prerequisite and everything is explained from first principles.

## Course Content

1. Introduction to Data & Information Modelling.
  - What is a Data and Information Models?
  - Examples.
  - Why do we need a Data Model?
2. Terminology.
3. Notation.
  - Crow's Foot.
  - UML.
4. An introduction to the TM Forum.
  - History.
  - Structure.
  - Framework (NGOSS).
    - The Process Framework (eTOM).
    - The Information Framework (SID).
    - The Applications/ Functional Framework (TAM).
    - The integration Framework.
    - How it all fits together.
5. The Information Framework (SID) - an introduction.
  - What is the SID?
  - History.
  - How it can be used.
  - How it is developed.
6. UML and the SID.
7. Structure.
  - Domains.
  - Aggregate Business Entities.
  - Entities.
8. A closer look at each Domain.

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- Market / Sales.
  - Product.
  - Customer.
  - Service.
  - Engaged Party.
  - Enterprise.
  - Common Business Entities.
9. Developing the SID.
    - Extending the SID.
    - Patterns and how they are used.
  10. The SID in the real world.
    - Uses.
    - Business benefits.
  11. Documentation and SID browsers.

## Course Objectives

This training is intended to provide a complete beginning to end introduction to the TM Forum's Information Framework (SID). At the end of the 3 days, attendees will have an understanding of what it is, how it all fits together and how it can be used in the real world.

The “jargon” will be explained and the attendee will be comfortable with the subject.

This is not a data modelling course, but the student will have a good grasp of the basic concepts.

## Prerequisites

None.

## Training Structure

Three-day session.

## Methodology

Interactive, instructor-led training, presentation, workshops / exercises with practical examples prepared by the trainer.