

Upscale your project with Expert Services

Data Model Review

A critical checkpoint to ensure that the foundational data model in xDM supports the business, functional and technical requirements of the project, and follows the Semarchy best practice approach.

Benefits

- 1 Best practices for data modeling
 - Extensible to meet future requirements.
 - Solid foundation for the application of business rules to support data quality, matching and survivorship.
- 2 Expertise from multiple industries & domains
- 3 Accelerated timelines and reduced risk

Deliverables

- Overview of how the xDM model meets the business, functional and technical requirements.
- Detailed documentation of recommendations: If alternate modeling strategies for complex use cases are possible, each approach will be evaluated.
- Impact analysis of proposed changes on other model components (forms, collections, match & survivorship rules, etc.).

Review the current xDM data model in the context of the project's business, technical and functional requirements.

ENGAGEMENT DETAILS

Review of entities, attributes, and reference relationships:

- Overall data model structure.
- Naming conventions and model documentation.
- Correct usage of basic, ID-matched and fuzzy-matched entity types.
- Correct usage of IDs and "unique keys".
- Appropriate reference relationship structure, to support:
 - Simple, one-to-many relationships
 - Many-to-many and other complex relationships.
 - Hierarchy management.
- Appropriate leverage of xDM modeling features, including:
 - Lists of Values (LOVs); Complex types; Attribute data types.

Review of the data model's degree of normalization / denormalization.

- Review of the attributes required to support data lineage of enriched data:
 - Are appropriate attributes configured to persist "raw" and "enriched" data?

OPTIMAL TIME TO ENGAGE

The data model review should be performed after the initial iterations of the xDM data model are complete, but before significant effort is expended upon the configuration of forms, collections, business rules and integration processes (to avoid unnecessary rework).

LOGISTICS

- 1** Can be performed on-site or remotely over 2 days
- 2** Commitment from customer
 - Time to gather prerequisites
 - Attend kick-off meeting
 - Respond to questions in a timely manner
 - Time to review and discuss deliverables
- 3** Deliverables will be presented either:
 - As slides to support an interactive workshop (useful if alternate model design options are identified).
 - Or, as a formal report.

PREREQUISITES

1. Business, functional, and technical requirements, including dataflow diagrams.
2. Copy of the current xDM model (typically as a model export).
3. Kick-off meeting with customer's data model SME(s)