



European Committee for Standardization

Webinar 'Insurance Standardization Project in the context of the EU Regulation on Financial Data Access'

Draft Technical Specification: Implementation of EN as Open API Specification

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AGENDA: CEN Technical Specification (TS)



1. From EN semantics to OpenAPI deliverables
2. Examples: illustrating the model and the payload
3. Live-demonstration

Why OpenAPI?

1. OpenAPI is an open, vendor-neutral standard published by the OpenAPI Initiative, supported by the Linux Foundation.
2. It uses today's common API stack: REST services with JSON payloads, described in YAML. (For a future technology, another TS could be developed.)
3. The specifications are both human-readable and machine-readable, making them easy to understand and process.
4. Tooling can generate code, documentation and test artefacts, which speeds up implementation.
5. Result: a more uniform and interoperable implementation of the EN across a FIDA scheme.

What does the Technical Specification deliver?

1. Implementation-ready OpenAPI specifications provided as digital attachments in YAML format
2. Covers the full access flow from general policy data to product-specific data
3. Defines API requests, responses and data models in a machine-readable format
4. Practical benefit: a common, ready-to-use technical basis for consistent implementation across organisations
5. Supporting artefacts: example JSON payloads and diagrams to illustrate the data model

Examples: Understanding the Model



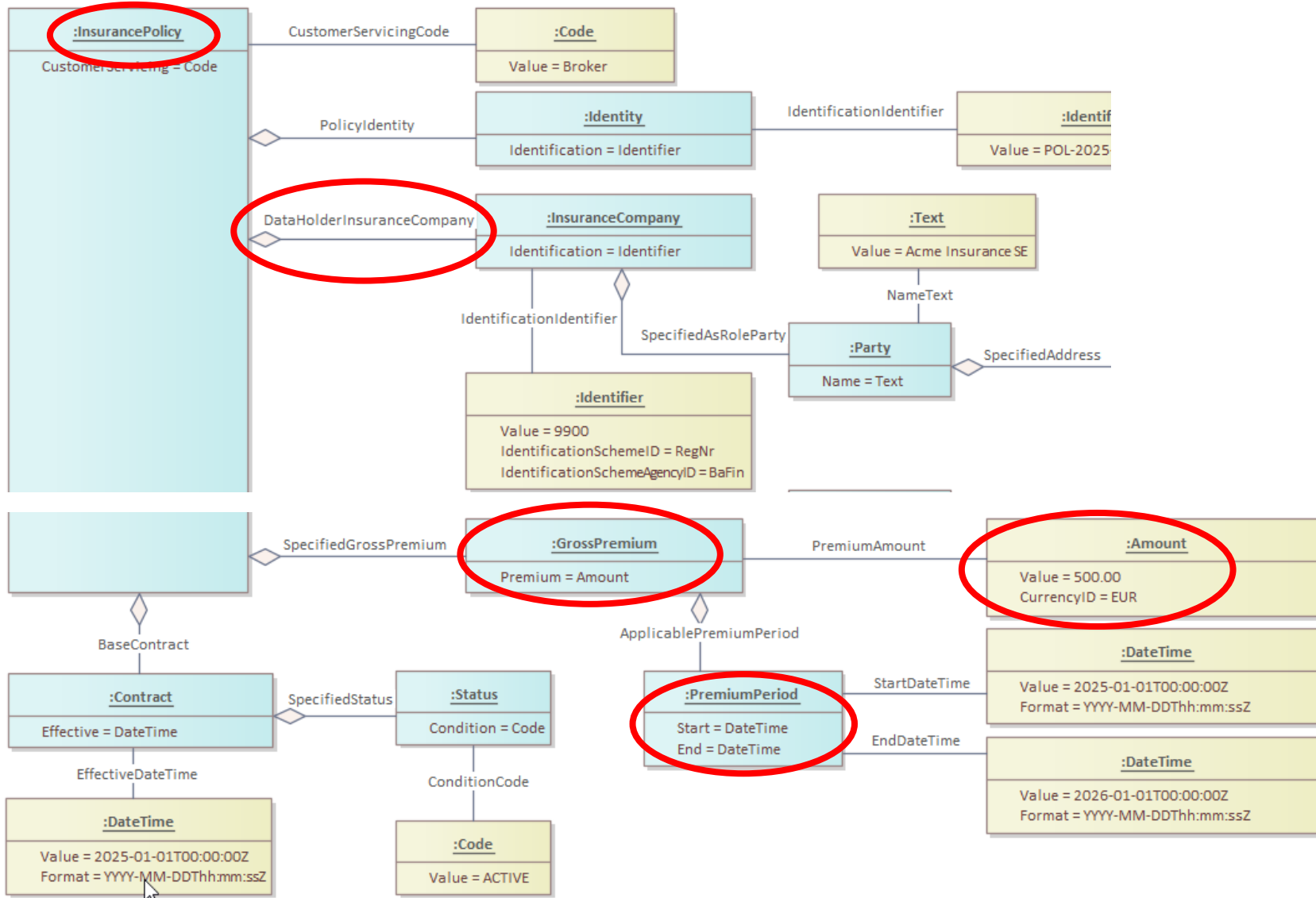
How do the examples help?

1. The EN defines the general semantic model, and the OpenAPI specifications implement it
2. Examples illustrate specific use cases of the general model
3. Each example is a valid subset of the overall response structure
4. Two complementary views are provided for each example:
 1. Object Diagram: visual view of the data model
 2. JSON Payload: technical view of the API response
5. Examples provided for each insurance line in the scope of FIDA

General Insurance Policy Data

1. OpenAPI YAML in Swagger Editor: API definition and data model for general policy data
2. Object Diagram: example instance of the general data response with two product links, illustrating structure and dependencies
3. JSON Response: the same example shown as the technical API response

Live Demo





Thank you

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