OIIE Publish ISO 15926 Engineering Design Data

This Event is published to provide the information about as-designed/as-built engineering network/segment/tag data in ISO 15926 format with the receiving system(s).

Specific Data Content

The data sent from the source system is, at a minimum, composed of:

- P&ID information, which consists of information about

    o   Functional Locations (Segments)

    o   Engineering Diagrams

    o   Breakdown Structures

Data Processing

This Event is publishing configuration data and does not require any data processing by the receiving systems. The recipient system may either just record the information or further trigger an Event to perform some action.

Expected Response

No response is expected.

Reference Implementation

The engineering design data in ISO 15926 format can be published in many ways. The following is the list of current reference implementation(s) available:

1. Using P&ID XML exported in ISO 15926 Proteus format.

Example

The example used in OGI Pilot 3.1 is available here on MIMOSA website.

Version Applicability/Alignment

Events describe individual message exchanges between systems detailing data and processing requirements and, hence, they are aligned to specific versions of CCOM and/or other MIMOSA standards. For example, older

versions of CCOM may not include the specific data elements required by newer Events, while older Events may become obsolete or have their data requirements change over time.

This Event is applicable to the following versions of CCOM:

- CCOM 4.x

NOTE   The data content requirements and transformation rules have been updated to reflect CCOM 4.x and are **no longer applicable** to CCOM 3.2.3 (part of OSA-EAI 3.2.3).

NOTE   Use of 'x' in the version number indicates a variable version. For example, "4.x" indicates applicability to all versions of CCOM with the MAJOR version '4', regardless of MINOR and PATCH versions.

Document Versioning

Version	Date	Major Changes
1.0	2020-12-08	Created as per OIIE use case architecture and updated OpenO&M template