

Digital Twin acceleration: Automate ODA Framework adoption using enterprise architecture tools

Acceleration of ODA-based modelling and evolution in Enterprise Architecture Management tools through automation and AI support.



The solution:

This Catalyst is harnessing APIs and AI to make it straightforward for CSPs to import components of the Open Digital Architecture (ODA) into their enterprise asset management tools. The goal is to speed up deployment and adoption of ODA, while providing more consistency in modelling and a base for high quality AI-inference.



Addressing the challenge:

The proposed solution is developing an API and AI-based method to import functional blocks from the ODA catalog into Enterprise Architecture Management (EAM) tools.

Key improvements over current methods:

- Eliminates manual interpretation of PDFs and schema mapping from Excel files.
- Enables richer models with cross-framework relationships via direct API integration.
- Reduces complexity for users, removing integration barriers to adoption.



Mark Ross
Enterprise Architect



The solution offers significant benefits across multiple dimensions, including operational efficiency, cost savings, standardization, innovation, and enhanced service quality. These outcomes not only benefit CSPs directly but also contribute to the growth and development of the wider industry and society as a whole.

By facilitating the widespread adoption of ODA, your solution helps create a more unified, efficient, and innovative telecommunications ecosystem.



Business impact:

The solution boosts **efficiency**, **saves costs**, and **improves service**, benefiting CSPs and fostering industry and societal **growth**.

Champions:



Participants:

