

Broadband as a Service: The future of wholesale broadband ordering – Phase II

Creating a standard for the wholesale broadband access market using the latest TM Forum standards to promote interoperability.



The solution:

This Catalyst project aims to revolutionize the way fiber wholesalers and service providers collaborate, by bringing seamless interoperability to the industry. They are delivering a working standard product model, lifecycle, APIs, and supporting services.



Addressing the challenge:

This Catalyst plays a significant role in advancing the wholesale broadband ecosystem within TM Forum. The goal is to simplify and standardize the interactions between sellers and providers by leveraging TM Forum standards i.e. Open APIs and Open Digital Architecture (ODA).

This is the first-ever implementation of the Domain Context Specialization (DCS) pattern as buyer/seller interfaces, based on a predefined product model for wholesale broadband access.

Technical Deliverables:

- Integration of TMF ODA Components with TM Forum Open APIs.
- Development of a new API: TMF938 Wholesale Broadband API Suite (currently under review).
- Benefits include seamless customer experience and leaner, more efficient and standards-compliant architecture. The solution demonstrates the feasibility and industry potential of scalable, interoperable DCS-based solutions.



The close cooperation between leading CSPs and suppliers has led to a highly realistic and actionable solution. Because we're addressing real challenges within the wholesale broadband ecosystem, everyone was eager to contribute to solving the problems we collectively face. The shared goal of creating simpler, more streamlined processes fostered a strong sense of purpose and collaboration across the team.

Each member brings a strong sense of responsibility and reliability to the project. Roles and tasks are well-defined and consistently executed with professionalism and precision. Beyond that, the team spirit is truly exceptional—making the journey not only productive but also enjoyable, as evidenced by the growing number of enthusiastic new participants.

Karsten Thon

Senior Business Architect



Business impact:

CSPs can achieve up to **90% automation** in order processing, resulting in significant cost savings and improved customer satisfaction

Champions:



Participants:

