TM Forum Open APIs

Conformance Certification

Company Name: Halleyx

TM Forum Open API Name: TMF622 - Product Ordering Management

TM Forum Open API Release Version: 4.0

Report Date: 21/05/2024
1. **What Product or Solution does your API support?**

Halleyx’s SaaS BSS is your all-in-one solution, automating everything from product cataloging to customer billing, bringing a whole new level of agility and simplicity to telecom IT.

Our Suite consists of:

- Unified Product Catalog
- AI-Powered Decision Manager
- Configure Price Quote (CPQ)
- Customer 360
- Order management
- Billing
- Inventory
2. Overview of Certified API

The Halleyx Order Management module utilizes the TMF622 Product Ordering Management API to effectively manage the entire lifecycle of orders placed by various parties, such as customers, sales agents, and suppliers within the service provider’s ecosystem.

Driven by the product catalogue, the Halleyx architecture ensures that all parameters related to a product—such as PSR entities, pricing, discounts, availability, contract terms, and suppliers—are accurately and efficiently captured in the order.

Key Features:

- **Seamless Order Management**: Configure, place, and track product orders effortlessly through an intuitive interface, reducing errors and saving time
- **Business and Order Decomposition Rules**: Set up and customize rules to handle complex business scenarios and break down orders into manageable components, ensuring compliance with business policies and efficient order processing
- **Comprehensive Order View**: Access a detailed view of all orders related to a customer, including product orders, service orders, and resource orders, providing a holistic understanding of customer interactions and order statuses

Capabilities:

- **Create Product Orders**: Initiate new product orders with default settings and rules, ensuring consistency and adherence to business standards
- **Delete Product Orders**: Remove product orders as needed for administrative purposes, maintaining a clean and efficient order management system.
- **Event Notifications**: Receive automated notifications for any events or changes related to product orders, keeping all relevant parties informed
- **Cancel Product Orders**: Retrieve or create cancellation orders, and receive notifications regarding these actions to ensure proper handling and documentation of order cancellations
- **Retrieve Product Orders**: Fetch detailed information about individual or multiple product orders based on specific filter criteria to meet diverse business needs
- **Partial Updates**: Update specific sections of a product order, allowing for flexible and targeted changes without altering the entire order
3. Architectural View

![Architectural Diagram]

4. Test Results

Click here to view the results: Halleyx-TMF622-htmlResults.html