

TM Forum Open APIs

Conformance Certification



Company Name:

Comarch S.A.

TM Forum Open API Name:

Comarch Enterprise BSS Suite – v7.8

TM Forum Open API Release Version:

TMF663 – Shopping Cart Management v5.0.0

Date: 08/10/2026

1. What Product or Solution does your API support?

The **Cart Management Open API** supports the **Enterprise BSS Suite**, specifically serving as a core component of the backend **Product Catalog & Order Management (PC/OM)** ecosystem. It acts as the primary functional entry point for the product ordering journey, enabling customers to initiate and compose their shopping carts during pre-sales and sales flows.

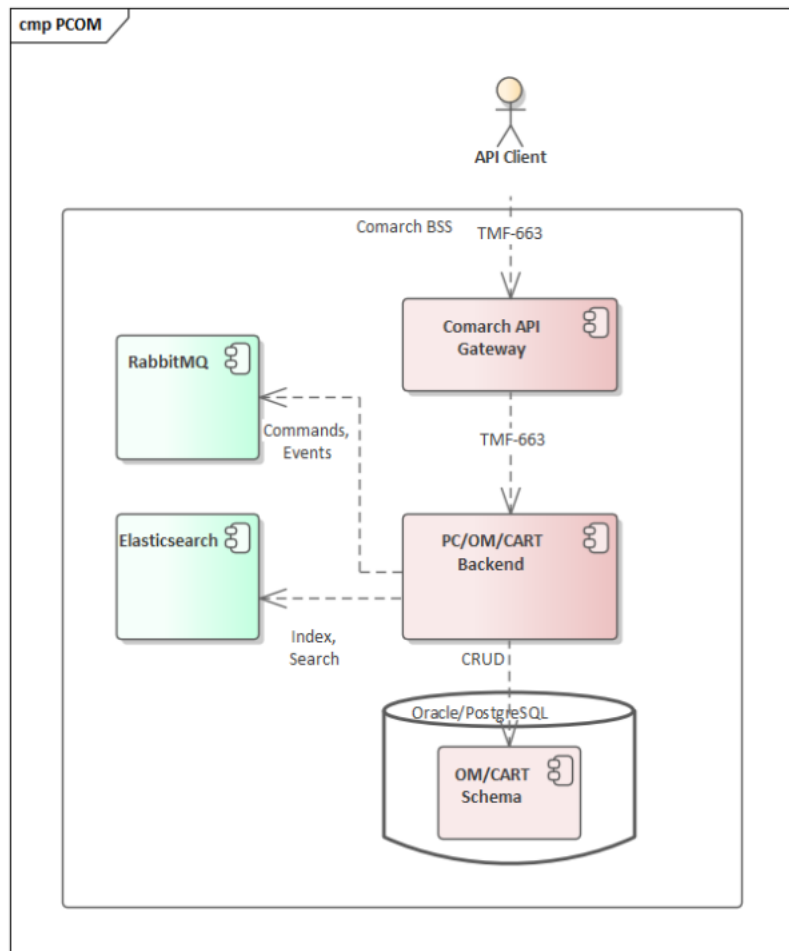
Core Solution & Capabilities Supported

- **Modular BSS Architecture Integration:** Built to integrate seamlessly within a modular BSS stack using TM Forum standards (e.g., TMF663 Shopping Cart API), allowing flexible integration with external channels and backend modules.
- **First Step of Cart Composition:** Supports the customer ordering journey from the very beginning by enabling interactive selection, aggregation, and validation of product offers in the shopping cart.
- **Context-Aware Qualification & Configuration:** Interacts directly with the Product Configurator and Order Management engines to qualify product offers and configure complex products based on customer choices within a defined session context.
- **Contextual Personalization:** Dynamically adapts offer availability and pricing rules according to operational variables, including **Party Role** (e.g., B2C customer, B2B agent), **Sales Channel** (e.g., self-service portal, mobile app, call center), and targeted **Market Segments**.

2. Overview of Certified API

The specific task of Shopping Cart Management ensures that selected product offers are temporarily held, reserved, and priced within the defined shopping context. This crucial session management process is realized in the system by the TMF663 Shopping Cart Management REST API. The API's role is to maintain the shopping session state and calculate real-time pricing based on several key input criteria, which often include product items (CartItem), delivery options, and party, account, or place references. The cart task can either create new carts (including anonymous ones) or dynamically update existing cart contents using full-replacement semantics with retention support for collections. This intermediate aggregation step ensures that subsequent steps, like Product Ordering (realized by TMF622), deal only with validated and purchase-ready product selections.

3. Architectural View



4. **Test Results**

Click here to view the test results: [Comarch-TMF663-HTMLReport.html](#)