

TM Forum Open APIs Conformance Certification



Company Name:

China Telecom Corporation Limited.

Product Name and Release Version:

China Telecom CNOS-BSS

TM Forum Open API Name and Release Version:

TMF622 – Product Ordering Management V4.0.0

Date: 11/06/2026

1. What Product or Solution does your API support?

China Telecom CNOS (New-Generation Cloud Network Operation System) is an enterprise-level operation system that integrates and upgrades the existing OSS (for network operation), BSS (for business operation), and MSS. It is one of the main carriers for China Telecom's digital, automated, and intelligent operation management, and an important component of China Telecom digital platform.

The capabilities provided by various capability centers and applied in various application scenario in the CNOS are uniformly aggregated and encapsulated through the atomic capability platform to achieve capability sharing. CNOS and the data middleware enable the interconnection and sharing of production data, and empower production operation through the big data and AI capabilities of the data middleware. Meanwhile based on the unified technology platform of PaaS components, IaaS, and general capabilities of the business centers, cloud deployment and development operation are integrated.

The "Product Ordering Management API " (TMF622) serves as one of the core components of CNOS's Order Center, this center delivers end-to-end processing for customer telecommunications service orders from order capture to order fulfillment completion, and provides comprehensive order management capabilities covering end-to-end services, all geographic regions and all channels.

This API provides product offering information defined in product and package management for customer ordering. It generates structured order information and order instance relationship information based on configurations of products, bundles and other items. In addition, it retrieves customer profile data to support order capture, records order capture response information, converts offline customer ordering requests into service requests, and sends them to the Acceptance Capability Center for service processing.

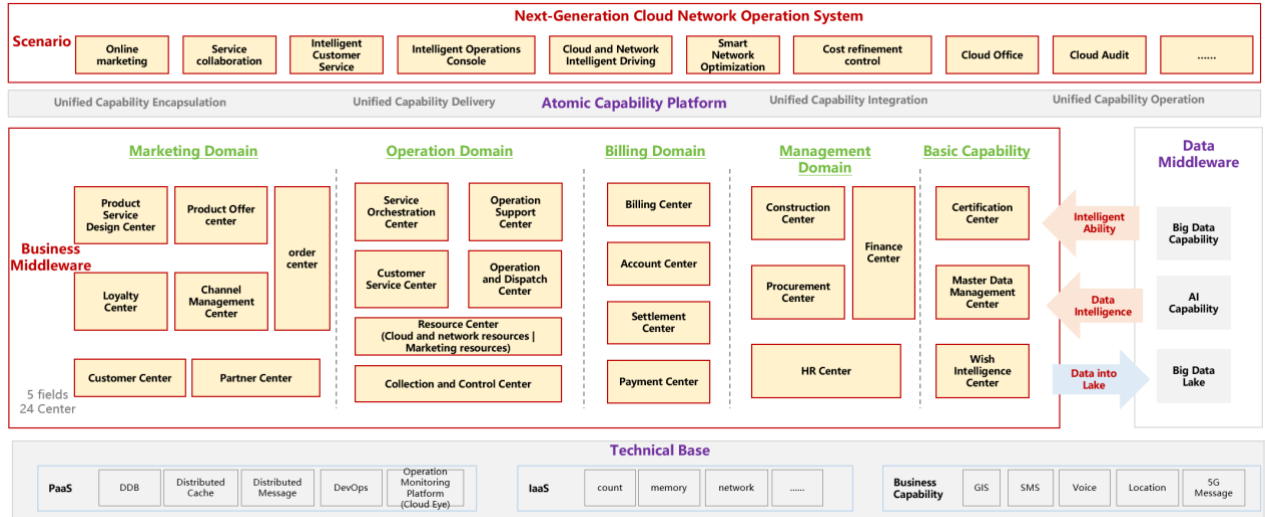
2. Overview of Certified API

- TMF622 Product Ordering Management API

Provides a standardized mechanism for placing a product order with all the necessary order parameters. The API consists of a simple set of operations that interact with CRM/Order negotiation systems in a consistent manner. A product order is created based on a product offering that is defined in a catalog. The product offering identifies the product or set of products that are available to a customer and includes characteristics such as pricing, product options and market.

3. Architectural View

The following Diagram shows the technical architecture of China Telecom CNOS(Next-Generation Cloud Network Operations System) :



4. Test Results

Click here to view the test results: CHINATELECOM-TMF622-v4.0.0-HTMLReport.html