

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:
TMF670 – Payment Method Management V4.0.0***

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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 "Payment Method Management API" (TMF670) serves as one of the core components of CNOS's Payment Centre, facilitating the querying, creation, and management of payment methods. The Payment Centre utilizes this API to manage payment methods in a unified manner and provide them to external systems, thereby ensuring a single source of truth for payment methods.

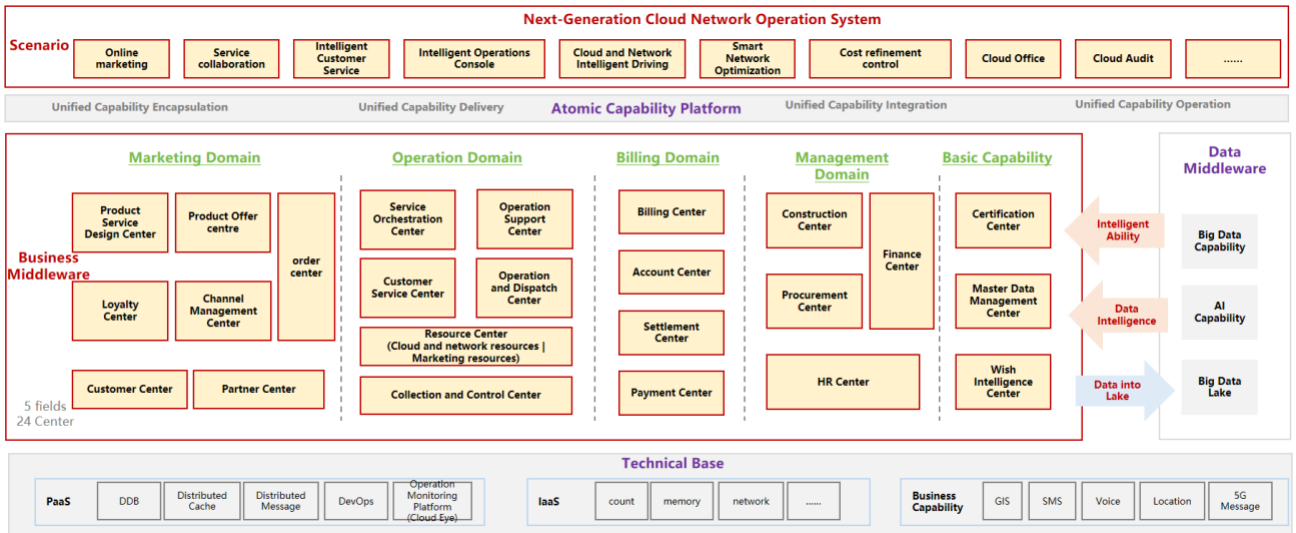
2. Overview of Certified API

- TMF670 Payment Method Management API

The Payment Method API is a RESTful API that is based on the TMF670 Payment Method standard. It provides a comprehensive set of endpoints for managing all aspects of the payment method. The API is designed to be easy to use and integrate with other systems.

3. Architectural View

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



In this multi-tier cloud-native architecture, the TMF670 Payment Method Management API is positioned within the Billing Domain.

Through the Atomic Capability Platform (Unified Capability Encapsulation and Delivery), the Payment Method management are uniformly encapsulated and exposed as standard TMF670 Open APIs.

It provides a synchronized, single source of truth for various frontend channels and application scenarios, enabling flexible payment method browsing, querying, and dynamic matrix matching.

4. Test Results

Click here to view the test results: [CHINATELECOM-TMF670-v4.0.0-HTMLReport.html](https://chinatelecom.com/tmf670-v4.0.0-HTMLReport.html)