

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:
TMF710 – General Test Artifact Management V4.0.0

Date: 01/09/2026

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 General Test Artifact Management API (TMF710) acts as one of the key supporting components within the CNOS Common Center. It implements full-lifecycle management for general test artifacts, including creation, query, partial update and deletion of test artifact resources, together with event notification capability for artifact state and attribute changes. The test management module leverages this API to realize standardized storage, retrieval and inter-system synchronization of test artifacts, and supports integration with peripheral test platforms and external test toolchains.

2. Overview of Certified API

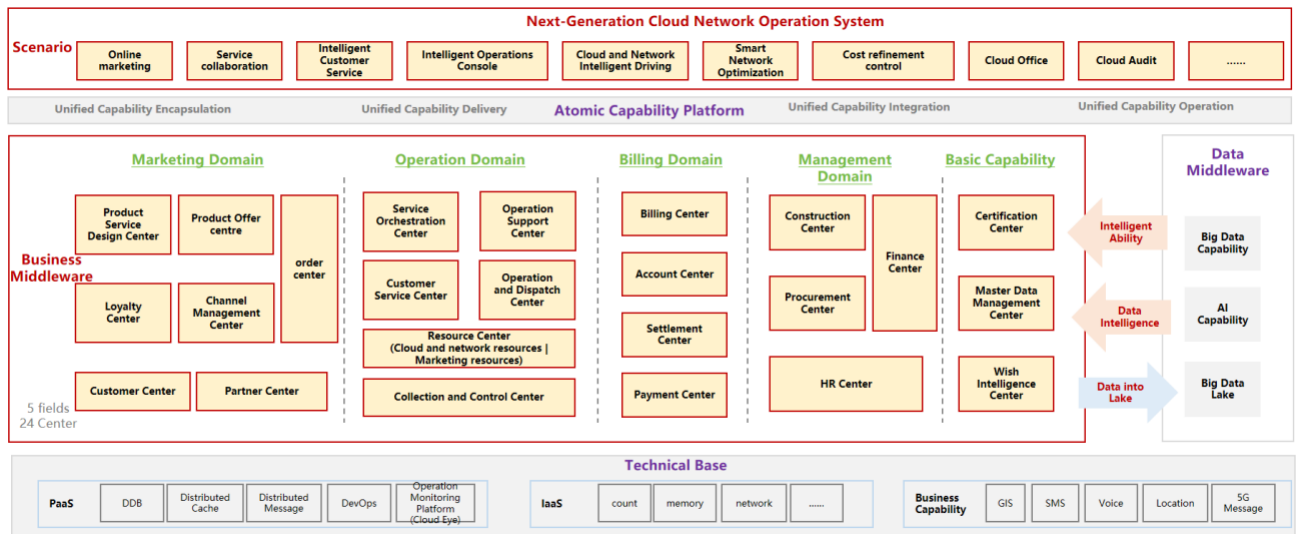
- TMF710 General Test Artifact Management API

The General Test Artifact Management API REST specification supports full lifecycle operations for general test artifact resources. It enables creation, retrieval, partial modification and deletion of test artifacts, defines polymorphic and extension patterns via meta-attributes (@type, @baseType, @schemaLocation). It also provides five categories of event notifications for test-artifact-related changes. This API can be used for test artifact storage, metadata query, artifact version

maintenance and cross-system test-asset synchronization in multiple test-related workflows..

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-TMF710-v4.0.0-HTMLReport.html>