

# TM Forum Open APIs Conformance Certification



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***Company Name:***

***China Telecom Corporation Limited.***

***Product Name and Release Version:***

China Telecom CNOS-OSS

***TM Forum Open API Name and Release Version:***

TMF657 - Service Quality Management Management V4.0.0

***Date: 12/06/2026***

# 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 Service Quality Management API (TMF657) serves as one of the core components of the Cloud-Network Service Design Center. This center provides unified management of service quality indicators and related specifications, as well as full lifecycle process support for service quality design and management. This API offers a standardized mechanism for service quality management, enabling access to service quality design applications to define and obtain service level specifications, associated service level objectives (SLO) and their thresholds. It also supports the creation, retrieval, modification and deletion of service level specifications and service level objectives, as well as the subscription to event notifications related to service quality objectives.

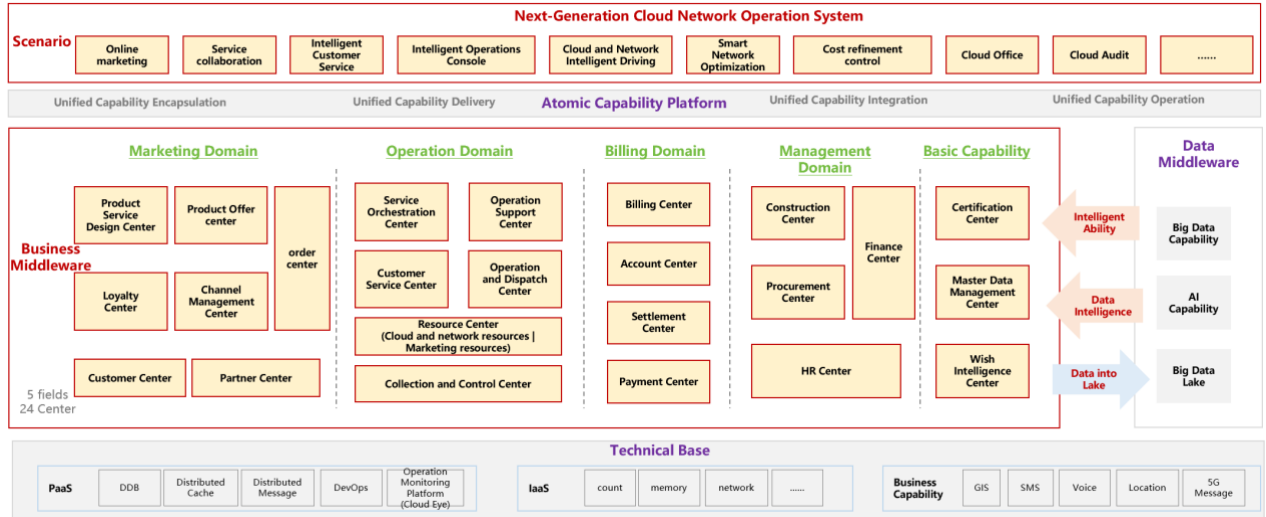
## 2. Overview of Certified API

- TM F657 Service Quality Management Management API

Through this API, any Enterprise is able to access a Service Quality Management application and extract Service Level Specifications and associated Service Level Objectives (SLO) and their thresholds.

### 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-TMF657-v4.0.0-HTMLReport.html](http://CHINATELECOM-TMF657-v4.0.0-HTMLReport.html)