TM Forum Open APIs

Conformance Certification

Company Name: Tecnotree

TM Forum Open API Name: Service Catalog API

TM Forum Open API Release Version: 4.0.0

Report Date: 20/12/2023
1. **What Product or Solution does your API support?**

Market opportunities and evolving customer needs have encouraged Communication Service Providers (CSP) to broaden their operations and manage multiple lines of businesses (LOBs). Such expansions have compounded the complexity of their products and services and resulted in multiple OSS and BSS systems in their operational landscapes. At the same time, there is an intense pressure of enhancing customer experience and declining traditional revenue streams.

Tecnotree Digital Catalog Manager (DCM) is a central repository of products that span across multiple lines of businesses. DCM plays a vital role in CSP’s environment by providing the integration of products and resources across the business and operational support systems (B/OSS), thus contributing to both the current and emerging market opportunities by helping them surge ahead of the competition.

Tecnotree Digital Catalog Manager (DCM) helps unify product management and streamlines the process of product creation and launch. It provides CSPs the flexibility of phasing out legacy systems and migrating to strategic systems to meet their product management challenges. This comprehensive and detailed approach adopted by DCM is one of the core reasons for it becoming the tool that bolsters the CSPs’ business and operational strategy.
2. **Overview of Certified API**

Service Catalog is managed by the Tecnotree’s Digital Catalog Manager (DCM). DCM provides Open APIs/REST Based APIs in line with TM Forum defined specification that allows management of the entire lifecycle of the Service catalog elements.

Some of the Actual Operations supported over this API are

- Operations on Service Catalog
- Operations on Service Category
- Operations on Service Candidate
- Operations on Service Specification
- Operations on Import Job
- Operations on Export Job
- Lifecycle Management Extensions to Catalog - Query all versioned catalog resources, Query a specific versioned catalog resource, Query current version of a catalog resource, Create new version of a catalog resource, Modify an existing version of a catalog resource
3. Architectural View

[Diagram showing DCM Functional Overview with different modules and APIs]

- Telco Internal
- Partner Products
- API
- IoT
- Enterprise
4. **Test Results**

Click here to view the test results: [Tecnotree-TMF633-HTMLResults.html](#)