

TM Forum Open APIs Conformance Certification



Company Name:

6D Technologies

Product Name and Release Version:

Ventas Suite

TM Forum Open API Name and Release Version:

TMF702 - Resource Activation Management v4.0.0

Date: 19/08/2026

1. What Product or Solution does your API support?

The Resource Activation Management API (TMF702) is implemented as part of the Inventory Management module of our Ventas Suite.

This API enables the activation, modification, and deactivation of resources and services in alignment with TM Forum Open Digital Architecture (ODA) principles.

2. Overview of Certified API

Resource Activation Management API REST Specification

The TMF702 - Resource Activation Management API provides a standardised interface for initiating and managing activation, modification, and deactivation of physical and logical resources. It enables automated, consistent, and interoperable activation processes across heterogeneous domains and technologies.

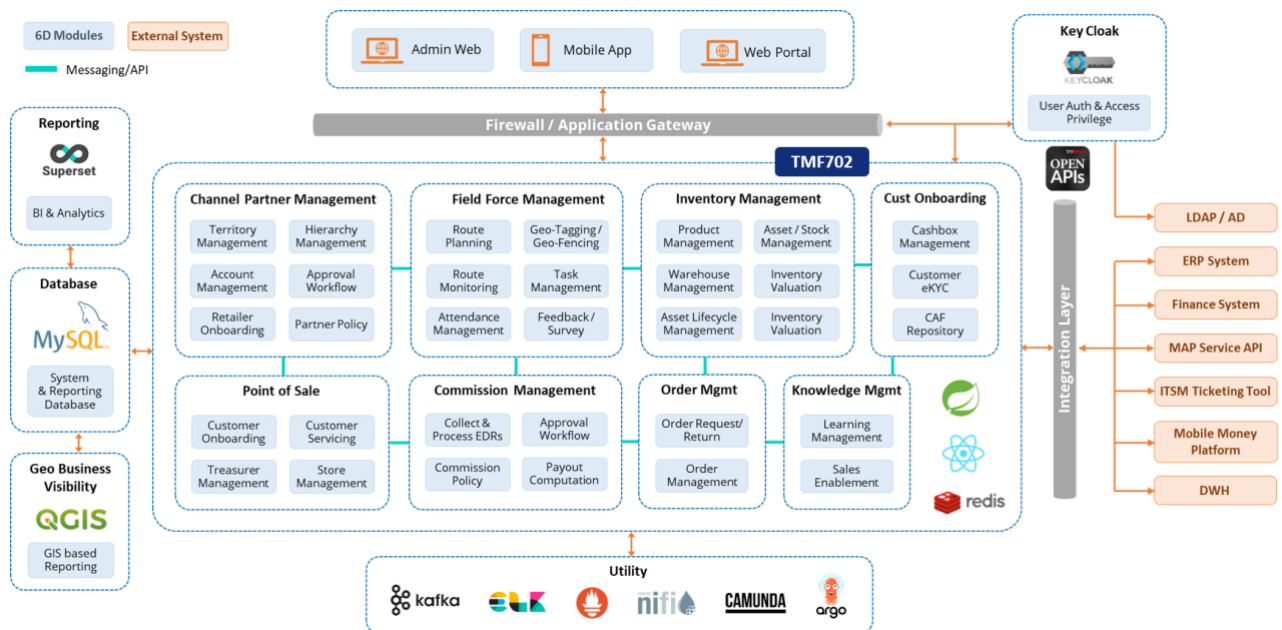
The API aligns with TM Forum Open Digital Architecture (ODA) and facilitates integration between Customer & Service Orchestration and Resource Management. It defines the Resource entity, tracked through `administrativeState`, `operationalState`, `resourceStatus`, and `usageState`, alongside a Monitor entity that tracks the progress of asynchronous activation requests, supporting reliable and observable activation workflows.

Key functions:

- Create, retrieve, partially update, and delete Resource entities for provisioning and configuration.
- Track activation job status and results via the Monitor entity through defined lifecycle states.
- Support asynchronous operations and event notifications.
- Provide a standard RESTful interface to support interoperability across vendors.

By implementing TMF702, the solution supports consistent resource activation processes that reduce integration complexity and enhance automation in the service fulfilment domain.

3. Architectural View



4. Test Results

This API has been tested as part of end-to-end journeys and business processes, as well as at API level, covering authentication and authorisation, functionality, and supported operations.

Click here to view the test results: [6D-TMF02-HTMLReport.html](https://tmforum.org/6D-TMF02-HTMLReport.html)