

# TM Forum Open APIs Conformance Certification

---



## ***Company Name:***

*Enghouse Networks*

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

*Rator v12.x*

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

*TMF637 – Product Inventory v5.0.0*

***Date: 08/06/2026***

## 1. What Product or Solution does your API support?

Describe your product, solution or service and how the relevant API supports this – please ensure the product, solution or service name is clearly stated here.

In the case of real worlds, please ensure you name the customer in this section

Rator v12.x is Enghouse Networks' BSS platform for communications service providers, supporting customer, subscription, service, charging, rating, billing, and operational processes.

The TMF637 Product Inventory API supports Rator by exposing active customer products as inventory records. In Rator, these products are represented by subscriptions and their related service records, including lifecycle state and service identifiers such as SIM, MSISDN, and IMSI. This allows external systems to retrieve and manage product inventory information through a standardized TM Forum Open API interface.

## 2. Overview of Certified API

Describe an overview of the API you are certifying in the context of your product, solution or service.

In the case of real world, please use the context of the customer in this section.

Within Rator, a "product" in the inventory sense corresponds to a `Subscription` — the instantiated entitlement a customer holds (mobile line, broadband connection, fixed

line, etc.), realised by an underlying `Service` record that carries the SIM, MSISDN, IMSI, and lifecycle state.

### 3. Architectural View

Demonstrate an architectural overview of the API you are certifying in the context of your product, solution or service.

In the case of real world, please demonstrate the models of the customer in which this API is deployed.

Our TMF637 v5 implementation is a facade exposed at `.../tmf-api/productInventoryManagement/v5/product`. It maps the v5 Product resource onto Rator's Subscription + Service model: GET operations return live Rator subscription data including the underlying Service record; PATCH updates persist back to the real subscription via the platform's update API; POST is wired through the same signup pipeline that drives TMF622 Product Ordering (`MobileSignupHandler`) so that a created Product corresponds to a real provisioned Subscription end-to-end. The facade ships in the platform's existing REST API WAR alongside the rest of the TMF surface.

### 4. Test Results

Click here to view the test results: [Enghouse-Rator-TMF637-v5.0.0-HTMLReport.html](#)