TM Forum Open APIs

Conformance Certification

Company Name: **Saudi Telecom Company**

TM Forum Open API Name: **TMF637 – Product Inventory Management**

TM Forum Open API Release Version: **4.0.0**

Report Date: **10/10/2023**
1. **What Product or Solution does your API support?**

   - TMF 637 API supports to create subscription inventory in Subscription Manager.
   - The Product Inventory Management API provides standardized mechanism for Subscription inventory management such as create, update, and retrieval of the subscription in the subscription manager.
   - In O2C(Order to Customer) subscription Flow, stc DT stack has following use case.
     - Subscription Creation with Add action.
     - Subscription Modify with Modify action.
     - Subscription Delete with Delete action.

2. **Overview of Certified API**

   **TMF637 Product Inventory:** This API provides standardized mechanism of a simple set of operations that interact with inventory systems in a consistent manner. A subscription is created and modified of product order.

   The following operations are performed through this API.
   - Subscription Creation
   - Subscription Update/Delete
   - Subscription Retrieve
3. Architectural View

![Diagram of Architectural View]

- **NORTH BOUND NODES**
  - ESB
  - Kafka

- **Subscription Manager**
  - Protocol as per the Node to be integrated

- **SOUTH BOUND NODES**
  - Kafka
4. **Test Results**

Click here to see the test results: [STC-TMF637RW API-HTML Results](#)