TM Forum Open APIs

Conformance Certification

Company Name: **Ikue**

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

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

Report Date: **14/09/2023**
1. **What Product or Solution does your API support?**

Ikue is an AI powered Customer Data Platform (CDP) accepting and consuming data from source systems using TM Forum Open APIs, resolving IDs to the identity graph, and populating the data traits into the real time TM Forum SID-compliant Customer State Model. This data is then enriched with machine learning optimised analytics before being exposed to consuming services or external activation capabilities.

The Customer State Model, the underlying data model on which the wider Ikue capability set sits, is fully aligned to the SID information framework. The solution is deployed enabling seamless connectivity, interoperability, and portability across complex telco ecosystems. This leads to easier integration and interoperability of the solution which ultimately delivers 'cost savings and efficiencies' for the operator.

TMF Product API will be used to load product inventory information data from Telco CRM systems into Ikue. A Product represents an instance of a product offering subscribed to by a party, such as a customer. The data is also made available, via real time API connectors, to decisioning, orchestration and campaign management platforms so that personalized customer experiences can be crafted and activated in marketing channels.

---

The Ikue Customer Data Platform has been built from the ground up for telcos

The AI powered solution consumes data from source systems, resolves IDs to the identity graph, and populates the data traits into the real time Customer State Model. This data is then enriched with machine learning optimised analytics before being exposed to consuming services or external activation capabilities.
2. Overview of Certified API

A Product represents an instance of a product offering subscribed to by a party, such as a customer, the place where the product is in use, as well as configuration characteristics, such as assigned telephone numbers and internet addresses. The Product also tracks the services and/or resources through which the product is realized.

<table>
<thead>
<tr>
<th>Resource</th>
<th>Operation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>GET</td>
<td>This operation retrieves a Product</td>
</tr>
<tr>
<td>Product</td>
<td>GET</td>
<td>This operation filters a Product</td>
</tr>
<tr>
<td>Product</td>
<td>GET</td>
<td>This operation search for one of the created Products</td>
</tr>
</tbody>
</table>

3. Architectural View

![Ikue High Level Architecture Diagram](image)

4. Test Results

Click here to see the test results: [IKUE-TMF637 API-HTML Results](#)