Company Name: Halleyx

TM Forum Open API Name: 

**TMF632 – Party Management**

TM Forum Open API Release Version: **4.1.0**

Report Date: 10/01/2024
1. **What Product or Solution does your API support?**

Halleyx - AI-Driven SaaS BSS Platform enables telecom operators and MVNO/Es to finally “let go” of customizations. Telcos can speed up their market presence, achieve up to 80% savings in overall ownership costs, and regain the freedom to prioritize customer experience.

Our Suite consists of:

- Unified Product Catalog
- Configure Price Quote (CPQ)
- Customer 360
- Order management
- Billing
- AI-Powered Decision Manager (Brain of Halleyx)

2. **Overview of Certified API**

This API is at the core of creating and managing the different players/parties for a CSP—be they organizations or individuals—involved in the entire journey of a product, from its initial concept to the billing stage across the Halleyx BSS suite.

Few examples:
<table>
<thead>
<tr>
<th>Party role</th>
<th>Party type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customers</td>
<td>Organization/Individual</td>
</tr>
<tr>
<td>Suppliers</td>
<td>Organization/Individual</td>
</tr>
<tr>
<td>Sales Manager</td>
<td>Individual</td>
</tr>
<tr>
<td>Product Manager</td>
<td>Individual</td>
</tr>
</tbody>
</table>

Using this API, we can:

- Create a new organization or a new individual
- Update an existing organization or an existing individual
- Delete an existing organization or an existing individual
- Retrieve an organization or an individual
- Retrieve a collection of organizations or individuals according to given criteria
- Notify events on organization or individual

1. **Comprehensive Data Management:**

   - **Objective:** A centralized party management system ensures efficient data handling, reducing redundancy and inconsistencies in party information across the multi-tenant environment

   - **Benefits:**
- **Security:** Parties and their associated data are segregated based on tenants, ensuring data security and privacy for each tenant

- **Scalability:** As the number of parties increases, the system should scale seamlessly to accommodate the growth without compromising performance

- **Auditability and Compliance:** The system maintain logs of changes to party data for auditing purposes, ensuring compliance with industry regulations and standards

2. **Standardized API for Interoperability:**

   - **Objective:** Implement standardized APIs for improved interoperability

   - **Benefits:**
      - **Seamless Integration:** Facilitates integration with other systems and services in the telecom ecosystem
      - **Easier Collaboration:** Promotes collaboration with external partners through standardized interfaces
      - **Future-Proofing:** Ensures compatibility with evolving technologies and industry standards

3. **Architectural View**
4. Test results

Click here to view the test results: HalleyX-TMF632-HTMLResults.html