TM Forum Open APIs

Conformance Certification

Company Name: Cerillion plc

TM Forum Open API Name: TMF673 - Geographic Address Management

TM Forum Open API Release Version: 4.0.0

Report Date: 05/10/2023
1. **What Product or Solution does your API support?**

Cerillion’s Enterprise BSS/OSS suite uses the Geographic Address Management API (TMF673) as part of the core of CNI (Cerillion Network Inventory) module to provide a standardized interface to Cerillion address management system via three resources GeographicAddress, GeographicSubAddress and GeographicAddressValidation. It allows, among other functions, lookup, validation of geographic address data, and hierarchical search.

CNI uses this API both for integration with external applications, and to render all system screens and functions related to these entities.

Cerillion Enterprise BSS/OSS Suite is a standards-based pre-integrated end-to-end CRM and billing solution for fixed, mobile, cable and multi-service Communications Services Providers (CSPs) worldwide.

Cerillion Network Inventory (CNI) is a network asset management solution that is pre-integrated within the Cerillion product suite as well as being available for standalone project deployments. Designed to manage both physical and logical assets, networks can be modelled accurately and flexibly from the core network all the way to the customer premises, supporting capacity planning and service assignment for all fixed and mobile networks, including both inside and outside plant.
## 2. Overview of Certified API

<table>
<thead>
<tr>
<th>#</th>
<th>Resource</th>
<th>API Overview</th>
<th>Operations Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>GeographicAddress</strong> resource</td>
<td>Used to describe how to find a property in an urban area.</td>
<td>• GET</td>
</tr>
<tr>
<td>2</td>
<td><strong>GeographicSubAddress</strong> resource</td>
<td>Used for addressing within a property in an urban area.</td>
<td>• GET</td>
</tr>
<tr>
<td>3</td>
<td><strong>GeographicAddressValidation</strong> resource</td>
<td>Used to manage address validation request and response.</td>
<td>• GET • POST</td>
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</tbody>
</table>
3. Architectural View
4. **Test Results**

Click here to see the test results: [Cerillion-TMF673-API-HTML Results]