TM Forum Open APIs

Conformance Certification

Company Name: Netcracker-NEC

TM Forum Open API Name: TMF629 –Customer Management

TM Forum Open API Release Version: 4.0.0

Report Date: 10/06/2024
1. **What Product or Solution does your API support?**

The Netcracker Digital BSS product offering allows service providers to continuously modernize their business support environments as the industry evolves. It enables CSPs to become innovative and disruptive, facilitating entry into new markets such as 5G, IoT and B2B2X, enabling richer service delivery and increased revenue potential. Netcracker’s Digital BSS solutions help launch new products, collect and grow revenue, expand partner ecosystems and provide world-class customer experiences.

Netcracker’s approach to integration focuses on standardization, automation, and reuse. It offers a rich unique know-how toolset, and a wide set of out-of-box connectors and pre-configured adapters. It supports a variety of integration types and techniques, including streaming, database, API-based and others. Our Digital BSS spans wide range of integration cases and helps reducing work complexity and costs associated with system integration during implementation.
2. **Overview of Certified API**

TMF629 Customer Management API has been implemented as a part of Netcracker’s Digital BSS suite Rel. 2023.2, and it is fully compliant with TM Forum Open API specification Ver. v4.0.0.

The Customer Management API provides a standardized mechanism for configuration and maintenance of customer and customer account management.

Customer can be a person, an organization or another service provider who buys products from an enterprise. Customer management API allows management of identification and financial information about him.

Customer management API manages the following data resources: Customer.

The customer management API performs the following operation on customer: Retrieval, creation, full or partial update and deletion of customers.
3. **Architectural View**

**Netcracker Integration and API Management** layer helps to remove the complexity of a service provider’s existing ecosystem of disparate data types, interfaces and business requirements. Through transparent, standards-driven links between environment components, service providers can centralize management and orchestration and improve visibility into BSS integrations by using pre-defined automation tools and preconfigured adapters.

The solution guarantees compliance with key industry standards, including those from TM Forum, 3GPP, MEF, etc. This approach allows us to address integration challenges for business units, IT and partners efficiently without negatively affecting stakeholders.

TMF629 Customer Management API is implemented as a part of preconfigured adapters on Integration and API Management layer.

Following Architecture diagram shows how Customer Management functionality is exposed by Netcracker’s Digital BSS Solution via Integration & API Management layer.
4. **Test Results**

Click here to view the test results: [Netcracker-TMF629-HTMLResults.html](Netcracker-TMF629-HTMLResults.html)