TM Forum Open APIs

Conformance Certification

Company Name: Comviva Technologies Limited

TM Forum Open API Name: TMF634 - Resource Catalog Management

TM Forum Open API Release Version: 4.1.0

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1. **What Product or Solution does your API support?**

Comviva’s BSS suite is a comprehensive and focused business support system that handles an operator's entire set-up, allowing more efficient management of the operator Services, streamlining operational activities and delivering lifetime support to the operator’s network and subscriber base. Utilizing common unified interface across multiple operational activities, the Service provider is able to manage the complete mobile subscriber lifecycle. The single, consolidated view of operations provided by Comviva’s BSS-Commerce suite enables operators to appropriately prioritize subscriber demands and meet subscriber expectations. Via its centralized repository and flexible workflows, Comviva’s BSS-Commerce suite effectively handles all manner of queries, enhancing customer Services, improving customer satisfaction, and ultimately enabling a more focused marketing strategy.

Comviva’s BSS-Commerce suite is an end-to-end Business Support solution, with ability to integrate with the rating and credit management platform including Intelligent Networks, Service Nodes and Hot Billing solutions. It is designed to provide the capability to leverage creative marketing programs to the full, while maximizing the effectiveness of Customer Care. It is designed as a modular system so it will grow alongside each operators expanding Service portfolio and support an increasing subscriber base. Comviva’s BSS-Commerce suite can be rapidly deployed at and offers an excellent range of features. Some of the basic dimensions that have been considered while designing Comviva’s BSS suite include:

- Scalability of software to support the growth plan of Service providers.
- Ability to interface seamlessly with existing and new applications, protecting investment.
- Minimization of revenue loss
- Rapid deployment
- Ability to cater to a wide spectrum of communication.
- Easy to learn and faster to use to cut training costs.

Comviva’s BSS suite solution is a leading edge, Provisioning & Customer Care solution that integrates critical business processes and workflows of prepaid operations. Comviva’s BSS suite empowers the Customer Care personnel with the ability to address customer problems, queries, and requests effectively and efficiently.
2. Overview of Certified API


To manage (create, update, change, delete) the Resource Specification Catalog Management Resource is developed made part of Comviva BlueMarble Catalog and same is used managing the entity and generating the events that can be used by other dependent systems like Order Management and MIS systems.

Comviva Product Catalog and Order Management supports following types of use cases and capabilities:

- Catalog PSR management (in EPC and FPC catalog models)
- Order management – Service/Resource Decomposition
- Resource Order Management needs
- Resource Inventory management for Customer Services

- Communication Messages Operations
  - List Resource Specifications
    - This operation list Resource Specification entities
  - Retrieve Resource Specifications
    - This operation retrieves a Resource Specifications entity.
  - Create Resource Specifications
    - This operation creates a Resource Specifications entity.
  - Patch Resource Specifications
    - This operation allows partial updates of a Resource Specifications entity.
  - Delete Resource Specifications
    - This operation deletes a Resource Specifications entity.
3. Architectural View

4. Test Results
Click here to see the test results: COMVIVA-TMF634 API-HTML Results.html