TM Forum Open APIs

Conformance Certification

Company Name: Amdocs

TM Forum Open API Name: TMF663 – Shopping Cart Management

TM Forum Open API Release Version: 4.0.0

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1. What Product or Solution does your API support?

CES23 is Amdocs’ latest evolution of its cloud-native, microservices-based, open and modular BSS-OSS integrated suite. The 5G-native CES23 enables service providers to build, deliver and monetize advanced services, leveraging their investments in technologies such as 5G standalone network, multi-access edge computing (MEC), software-defined networks (SDN), AI and machine learning (ML), and the cloud. The 5G-native suite delivers full flexibility to define your transformation strategy and modernization path based on your business priorities.

Amdocs CES23 includes digital care and commerce for multichannel commerce and care; a centralized catalog for flexible, marketing-driven service packaging spanning commerce, charging, partners and network, allowing service providers to quickly and easily define advanced services such as 5G standalone services and provide complex offering bundles such as multi-play, hybrid service provider/partner offerings, and a monetization suite for capturing revenue from traditional connectivity services as well as new digital, 5G, IoT and enterprise services. The monetization suite supports new business models and is built for maximum flexibility through partner lifecycle management, real-time billing, carrier or subscription billing and 5G convergent policy and charging Control (PCC), including new network data analytics function (NWDAF) and network exposure function (NEF). CES23 also includes end-to-end service lifecycle management capabilities covering service design, service orchestration, inventory management and assurance from the Amdocs Service and Network Automation solution.

CES23 includes embedded and productized analytics capabilities across the entire portfolio, from 5G network functions (NWDAF), to service automation and monetization, and care and commerce. These new intelligent analysis and automation capabilities will enable service providers to better launch, manage and monetize innovative new services in the new network era of 5G and cloud, where the wider range of use cases and telemetry data, and significant new operations complexity, are far beyond human scale to manage.

Aligned with TM Forum’s open API framework, CES23 offers a continuous integration/continuous delivery (CI/CD) environment built on Amdocs’ cloud-agnostic Microservices foundation (MS360). This helps service providers drive operational change and bring the business the needed agility and IT velocity to deliver results.
Amdocs Commerce & Care suite is a telco-specific cloud-native open and modular digital enablement platform for customer end-to-end care, commerce and order management journeys, spanning the entire order lifecycle, serving all care-billing-commerce needs with a single solution. It provides communications and media companies with the business agility to offer new digital experiences of the type and at the pace of native internet companies across ANY channel application, assisted or unassisted, existing or future ones; supports ANY line of business, service and bundle including third party - to ANY customer, existing or new, consumer or enterprise and it fits any existing legacy BSS that the operator is using.

The suite includes Amdocs’ Experience360, low/no code foundation, allowing an easy **drag & drop-based fast and flexible business-led configuration** of new experiences, flows, views and permissions to determine best CX to ensure each engagement is handled with the best course of action and optimal customer experience.

The Amdocs Commerce & Care Suite is cloud-native, so it can scale on-demand to support changing activity levels. Furthermore, it incorporates open-source technologies and exposes application programming interfaces (APIs) that align with TM Forum standards, allowing easy addition of new capabilities and their re-use across any engagement channel, line of business and technology.
2. **Overview of Certified API**

The Shopping Cart API is a standardized mechanism for shopping cart management such as a creation, update, retrieval, deletion, and notification of events. A Shopping Cart entity is used for the temporarily selection and reservation of product offerings in the e-commerce and retail purchase. The shopping cart supports a purchase of both tangible and intangible goods and services, such as handsets, telecom network services and more. The charge includes the one-off fee, such as the fee for a handset, and the recurring fee, such as the fee for a network service. Shopping Cart contains list of cart items, a reference to party or party role (e.g. customer) or contact medium in case of unknown customer, in addition the calculated total items price including promotions and discounts (alterations).

3. **Architectural View**
4. Test Results
Click here to see the test results: AMDOCS-TMF663-CES API-HTML Results