



Optiva Charging Engine™

5G ready, real-time, converged, cloud-native charging solution optimized for the world's largest and fastest-moving telecom innovators.

Key characteristics of Optiva Charging Engine:

- Fully converged charging for telecom and beyond.
- Mission-critical and proven technology.
- Highly scalable with cloud-native, available on private and public cloud.
- Embedded rating and policy control function.

OPTIVA VALUE

Optiva three-layered approach to delivering value ensures that our customers enjoy a world-class product backed by modern technology and delivery options to suit our customers' requirements.
We satisfy all your monetization needs.



PRODUCT

Best-in-class product features for simplified and innovative monetization



TECHNOLOGY

Cloud-native, open API gateway, centrally managed product



DELIVERY

BSS in a box - Fully managed on private or public, golden disk, MVNO Hubs, partnerships

Our Customers

Claro

m:tel

TELE2

GLOBAL

VI!

vodacom

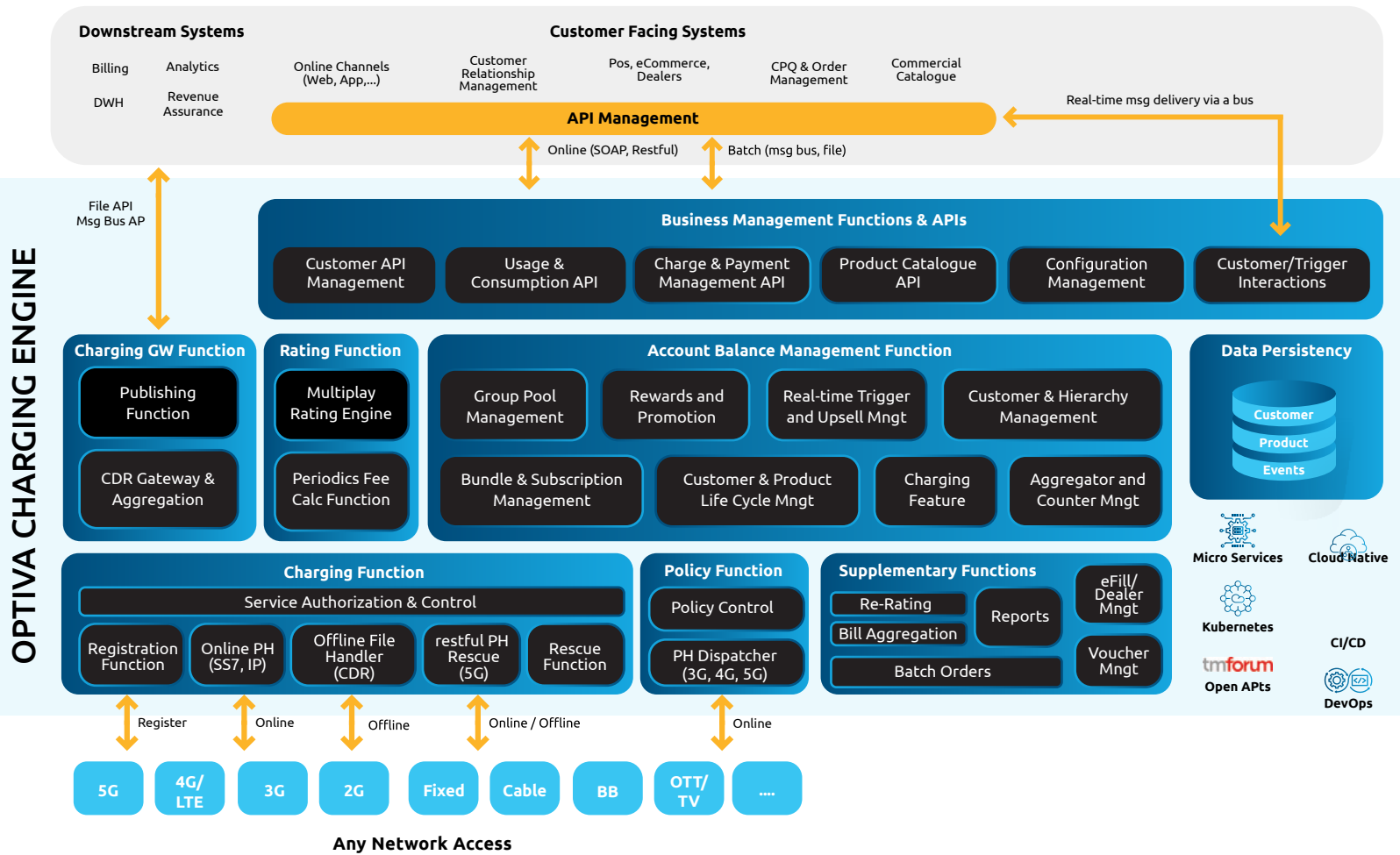
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BT Group

AFGHAN WIRELESS

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Omantel

Product Architecture Overview



Product Features

- Real-time multi-play charging backed by a universal data model to charge any attribute (SLA, bandwidth), any charging model (subscriptions, bundles, hierarchies), and any business type (mobile, TV, IoT, fixed, etc.)
- Extensive northbound (CRM, partner, wholesale, catalog, billing, payments, etc.) and southbound (EPC, IMS, 5G, IoT, CS, etc.) integrations and protocol support.
- Innovative out-of-the-box monetization capabilities with differentiated rating and charging for use cases, such as shared rating, promotions, periodics, roaming, intelligent upsell, multi-layer hierarchies, multi-service bundles, loyalty programs, and more.
- Business management functions and APIs for end-to-end customer management, product catalog, payments, and usage information.
- Payment management with paper voucher management, electronic vouchers, distributor management, and the payment gateway.
- Policy control function and other functions like re-rating, mediation, aggregation, batch orders, and more.



Technology Stack

- » Fully cloud-native software available on private and public clouds with CI/CD upgrades and updates
- » API Gateway and real-time, closed-loop feedback with pre-integrated policy for new-age use cases, such as AI, ML, real-time analytics, and customer experience
- » Centrally managed product focusing on productization versus customizations, SDLC best practices, site reliability engineering (SRE) approach for software delivery and maintenance, use of software automation, such as auto-healing, dashboards, alarms, 24x7 monitoring, etc.



Delivery Models

- » BSS in a box - Fully managed software with managed hosting on private or public cloud, managed application customizations, updates, and upgrades, and managed business operations for daily application management and upkeep
- » Golden disk - Minimal viable product available for new greenfield entrants with OOTB and fully configurable plans and integrations, ready to launch in 90 days
- » Strategic partnerships with Google Cloud, Microsoft Azure, Openshift, and VMWare
- » Complete SaaS offering on the public cloud of your choice
- » Optiva MVNO Hubs - Multi-tenant MVNO BSS hubs on Google Cloud with pre-integrated network APIs, wholesale billing, and additional payment services

Example use cases of Optiva Charging Engine

**Real-time
5G charging
- standalone
and non-standalone**

VI

**Tiered bundles,
large hierarchies
(B2C, B2B, IoT),
shared allowance,
and family plans**

A1

vodafone

**Multiplay - mobile,
fixed, broadband,
IoT, utility
charging and
rating**

**عمانتل
Omantel**

TELE2

**Beyond mobile
and improved
customer
experience with
real-time
feedback loops**

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GLOBAL