optare solutions

CONVERGED WEB-TELECOM applications

Enrich communications with new competitive services

Converged Web-Telecom Applications involve the delivery or sharing of one or more types of media, whether it is voice/audio, video, images or other types of data, which requires converged applications to interact with media servers.

Oracle Communications Converged Application Server (OCCAS) is a carrier-grade, open, standards-based converged Web-telecom application platform based on the SIP Servlet, Java EE, Web Services, and IMS standards. It is designed for a wide-range of IP-based, communication-enabled applications, such as VoIP, multimedia conferencing, SIP/IMS-based call control and messaging services

Extend OCCAS functionalities with **Optare Solutions Virtual Communications Platform**, adding a web interface to easily configure the use cases built on OCCAS, and reduce time to market reusing use cases already configured.

BENEFITS

ENABLE NEW BUSINESS MODELS

Establish a service-layer foundation and scalable growth architecture to realice **new revenues** from innovative converged web-telecom applications

CUTTING-EDGE TECHNOLOGY

Converged Web-telecom application container based on SIP Servlet, IMS, Java EE, Diameter, Media Server Control and Web Services

CARRIER-GRADE ARCHITECTURE

High availability and reliability, extreme **high performance** and **low latency** architecture with geographical redundancy, tiered clustering, and session replication
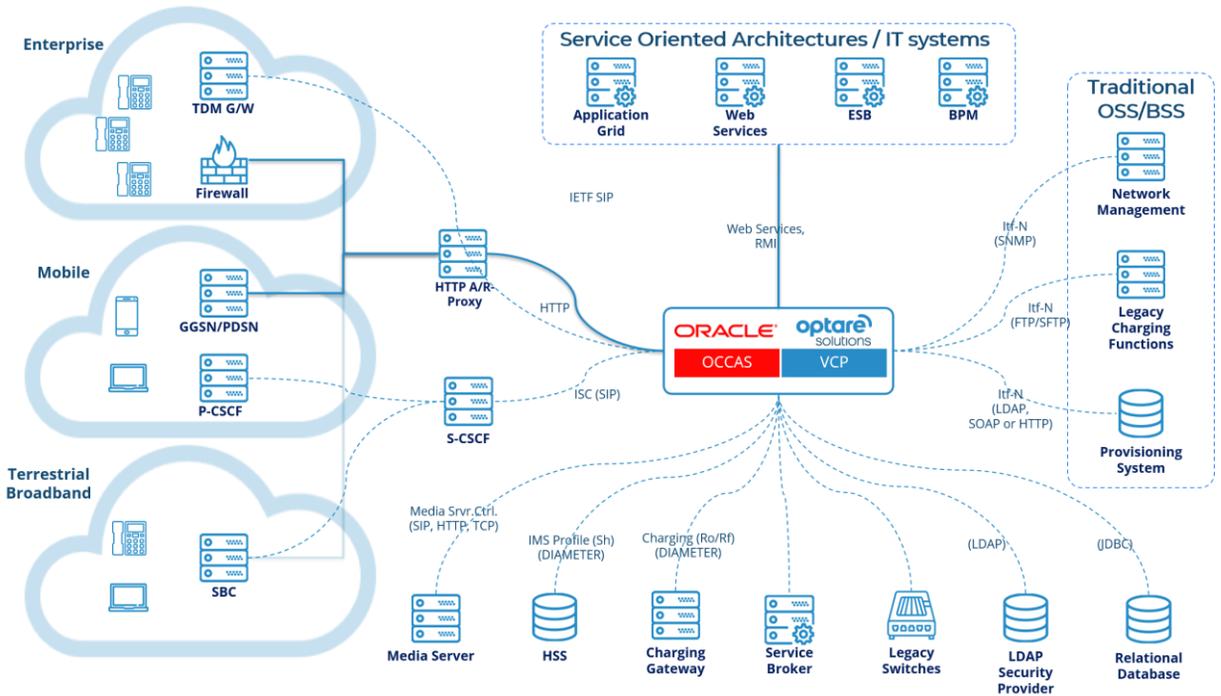
NFV COMPLIANCE

Virtual Network Function (VNF) compliance to Network Function Virtualization

HOW IT WORKS

Extend OCCAS functionalities with **Optare Solutions Virtual Communications Platform**, adding a web interface to easily configure the use cases built on OCCAS, and reduce time to market reusing use cases already configured.

Enterprise
- TDM G/W
- Firewall

Mobile
- GGSN/PDSN
- P-CSCF

Terrestrial Broadband
- SBC

HTTP A/R-Proxy
S-CSCF

IETF SIP
HTTP
ISC (SIP)

Service Oriented Architectures / IT systems
- Application Grid
- Web Services
- ESB
- BPM

Web Services, RMI

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OCCAS | VCP

Traditional OSS/BSS
- Network Management
- Legacy Charging Functions
- Provisioning System

Itf-N (SNMP)
Itf-N (FTP/SFTP)
Itf-N (LDAP, SOAP or HTTP)

Media Srvr.Ctrl. (SIP, HTTP, TCP)
IMS Profile (Sh) (DIAMETER)
Charging (Ro/Rf) (DIAMETER)
(LDAP)
(JDBC)

- Media Server
- HSS
- Charging Gateway
- Service Broker
- Legacy Switches
- LDAP Security Provider
- Relational Database

TOP USE CASES

AFTERHOURS SERVICE

Filter out-of-hours incoming work-related calls and allow personal calls.

ANONYMOUS CALLS

Allows users to filter anonymous calls, requiring the caller to record their name and then play it back to the service user.

CALL AUTHORIZATION

Service to restrict certain outgoing calls to selected users, and allow them by requiring a PIN code

SUSPICIOUS CALLS

Ability to check called numbers in a database and play a warning message if the called number is a malicious number

ALIASES NUMBERS

Allow customers to request an alias-number to use for a certain period of time and with a specific behavior (e.g., only receive calls during non-working hours...)

VOICE RECORDING

Allows the operator to offer its corporate clients (call centers, large companies,...) the call recording service.

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Optare Solutions is a consulting firm working exclusively for telcos, specialized in B/OSS system integration.

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