

Communications Converged Application

Oracle Customer Solutions for Industries- Communications

Communications Service Providers (CSPs) invest heavily in their legacy infrastructure yet struggle to keep up with innovations in network performance. Next-generation networks promise to solve this issue, but replacing the entire network isn't practical due to compatibility issues with newer IT systems.

The Oracle Communications Converged Application Server (OCCAS) Service Controller tackles these problems by offering an open architecture that easily integrates with new technologies and networks. Acting as a service broker, it provides real-time service orchestration and mediation. This versatile tool significantly reduces the time and risk of moving away from legacy systems, allowing CSPs to launch innovative services that combine old and new technologies seamlessly.

Oracle Communications Converged Application Server (OCCAS)

The OCCAS Service Controller orchestration brings structure and order to complex networks and provides a reliable service path forward. Any services or networks can be connected to the product to create a unified service delivery infrastructure. Rapid, intuitive integration of non-standard protocols to core network services through mediation and orchestration dramatically reduces cost and time to market. The product's high availability can be inherited by non-carrier-grade components, bringing high availability to the overall solution.

The OCCAS Service Controller translates and mediates between IP-based application servers and legacy networks. It connects core network services to the Internet domain, as well as Internet services to the core network. The Service Controller enables the interworking of all network and service assets, creating a rich environment for service innovation. By incorporating IT-style application servers, CSPs can create services at Internet speed.

Key Features of Oracle Communications Converged Application Server Service Controller

- Carrier-grade High Availability
- Rapid Service Delivery
- Multi-Industry Business Models
- Virtualized, Software Defined
- Secure, Compliant
- Converged IT-telecom application container based on SIP Servlet, Java EE, Diameter, and Web Services
- Geo-redundant
- High performance/Low latency

Key Benefits

1. Network applications leverage a unified interface to multiple networks
2. Multiple applications are orchestrated and delivered to any session
3. Service interruptions are mitigated caused by applications
4. Service logic is orchestrated in a specific application sequence based on network protocols
5. New revenue-generating services can be created that seamlessly blend IT features with core network capabilities
6. Migration from legacy networks to next-generation networks
7. Rapid service delivery through flexible service and network composition
8. Complexities of IN/SS7 networks are hidden and abstracted
9. Integration barriers are greatly reduced
10. Existing service and charging platforms can be consolidated, unifying service delivery across different networks and lowering operating and capital costs

OCCAS Portfolio of Applications

Oracle Communications Converged Application Server (OCCAS) is trusted by service providers and enterprises for voice application development and deployment for:

- Services that address the unique needs of your organization
- Service workflows and logic aligned to your organization's business processes
- Services that leverage features and functionality within existing network elements

- Services that interface with existing OSS/BSS systems

Call Reconnect	Selective Call Recording	911 Alerting	Courtesy Call Back
Intelligent Call Routing	Call Branding	Robocall Intercept	Call Forking
Stateful Call Tracking	Caller ID Masking	STIR/SHAKEN	Call Blocking
Music on Hold	Caller Attestation	Call Transcription	Caller ID Rewrite with Database Dip

Accelerate your Network Performance with the OCCAS Service Controller

Created by a highly skilled team of Oracle communications experts, the OCCAS enables Telecom Service Providers and Enterprises to create a seamless integration to backend operations and business systems. With hundreds of service providers and thousands of enterprises trusting Oracle communications applications to secure their voice networks, Oracle has the experience to help telecom organizations ensure that when it comes to customer satisfaction, your network integrity remains uncompromised.

Connect with us

Call +1.800.ORACLE1 or visit oracle.com. Outside North America, find your local office at: oracle.com/contact.

 blogs.oracle.com

 facebook.com/oracle

 twitter.com/oracle

Copyright © 2024, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0120