

# Oracle Communications and Zoom Strategic Partnership

There has been a shift in business environments throughout the world with the acceleration of communications moving to the Cloud. Nowhere is this more evident than the shift to Unified communications as a service (UCaaS). The modern workforce requires the ability to connect, share information and collaborate seamlessly from anywhere and at any time. The combination of communications and collaboration tools in a simple interface provides an array of benefits including more productivity for workers with various devices and in different locations; the ability for groups to innovate and work together in a unified environment and an improved customer and user experience. Arguably, no company has benefited from this transition more than Zoom Video Communications, Inc. In December 2019, Zoom had 10M daily meeting participants. In April 2020, more than 300M daily meeting participants were using Zoom.<sup>1</sup>

As remote working is quickly becoming the new norm, enterprises are implementing Zoom for their UC needs to promote enhanced productivity, foster innovation and improve business results. As such, security and seamless migration are top of mind for enterprise IT administrators worldwide.

## Oracle uniquely positioned to enable Zoom's rapid expansion

[Zoom announced Oracle](#) will be its cloud infrastructure provider for its core online meeting services. Oracle's second generation cloud infrastructure, combined with expertise in security, will support Zoom deliver an enterprise-ready video communications experience.

## Oracle SBC Zoom Certification

Oracle pioneered the Session Border Controller (SBC) market with the world's largest telecom providers and leveraged that experience to create the longest standing record of securing and interoperating the world's most complicated voice networks.

Oracle SBCs deliver the most secure, highest quality communications experience from the cloud to the customer. Oracle



Oracle Communications is trusted by enterprises for its secure, seamless and scalable technology for voice communications with the industry-leading Oracle SBC.

### KEY POINTS:

Through Oracle, customers can Bring Your Own Carrier (BYOC) and keep an existing phone plan

Oracle readily detects and remediates security risks

Oracle provides high quality reliable network connections

### ORACLE PROTECTS THE NETWORK EDGE BY:

- Safeguarding communications services, infrastructure, applications and information
- Mitigating malicious threats, including DoS and fraud
- Ensuring communications privacy and integrity
- Meeting strict U.S. government specifications (FIPS/JITC) for confidential communications

### CERTIFIED SBC PLATFORMS

- [Acme Packet Virtual Machine Edition \(VME\)](#)
- [Acme Packet 1100 SBC](#)
- [Acme Packet 3900 SBC](#)
- [Acme Packet 4600 SBC](#)
- [Acme Packet 6300 SBC](#)
- [Acme Packet 6350 SBC](#)

### SECURITY FEATURES:

<sup>1</sup> [The Zoom Revolution: 10 Eye-Popping Stats from Tech's New Superstar, Bob Evans, Cloud Wars, June 4, 2020](#)

SBCs protect IP communications networks from cyber-threats and fraud, mitigates the effects of network impairments and outages, and cures interoperability problems to enable highly secure and reliable voice, video and unified communications services.

In 2020, Zoom certified the Oracle SBC for use with Zoom Premise Peering ([Bring Your Own Carrier-BYOC](#)), enabling hybrid deployments allowing customers to keep their existing PSTN SIP trunks.

Oracle SBCs enable connectivity with BYOC services, coexistence with legacy PBXs and analog capabilities. Oracle allows Zoom customers to BYOC in order to keep their own carrier, enabling them to maintain their existing on-prem voice infrastructure.

This unique capability allows customers to have the benefits and features of Zoom Phone, while keeping their service provider contracts, phone numbers and calling rates with their preferred carrier of record (and avoid early-termination fees).

Zoom Phone allows customers to scale on demand with ease of management all from the Zoom admin portal, and end users have one streamlined desktop and mobile client for phone calls, chat and meetings. The option to BYOC to the Zoom cloud, customers have an unprecedented range of connectivity options to the PTSN.

As Zoom Phone and Video continues to become an integrated part of the collaboration experience, enterprises trust Oracle's best in breed session delivery and SD-WAN products to deliver the most reliable, secure experience.

With the Oracle Solution customers receive enhanced dial-plan management and call routing; call monitoring with fraud and predictive analytics and API-driven flexible call recording for compliance.



### Threat Protection

- Dynamic trust levels to prevent malicious attacks
- Real-time Deep Packet Inspection (DPI) to stop unauthorized traffic
- Guards networks from threatening scans and vulnerabilities

### Privacy

- Strong encryption
- Authentication for proof of integrity and origin of data
- U.S. government FIPS and JITC compliant

### Fraud Protection

- Blocks known fraudulent destinations
- Monitors for malicious traffic

## Why Oracle Was Chosen

Oracle is a market leader in managing and securing enterprise communication services globally. Together, Oracle and Zoom offer a trusted, secure and highly-stable single- or multi-tenant environment for Zoom collaboration.

- Oracle secures the network edge enabling hybrid deployments so customers can keep their existing PSTN SIP trunks (BYOC).
- Oracle SBCs offer flexibility to dial out from all Zoom end-points to PSTN.
- Unsurpassed product technology leadership (securing more than 3K enterprise networks).
- Due to its architecture and technology strength, Oracle is preferred by MSPs and others that host large multi-tenant Cloud security solutions.
- Oracle SBCs are fully supported on all major Clouds.
- Oracle SBCs are certified within any deployment model whether on prem or virtual.

### In Conclusion:

Oracle Communications is partnering with Zoom to help workers stay connected and productive as the way of working shifts. Oracle SBCs deliver the most secure, highest quality communications experience from the cloud to the customer. Oracle's deep expertise and global footprint securing communication solutions adds a layer of trusted network protection for enterprises deploying Zoom to drive business growth. Together, the companies are ensuring better experiences as companies move applications to the cloud by simplifying deployments and bringing intelligence, reliability and security to network management and enterprise communications.

**For more information** about Oracle Communications industry solutions, [contact us](#) and visit: [Oracle Communications LinkedIn](#), visit [oracle.com/zoom](http://oracle.com/zoom) or join the conversation at Twitter [@OracleComms](#).

---

### 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](http://blogs.oracle.com)

 [facebook.com/oracle](https://facebook.com/oracle)

 [twitter.com/oracle](https://twitter.com/oracle)

---

Copyright © 2020, 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.

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

Disclaimer: This document is for informational purposes. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The

### RELATED PRODUCT:

The **Oracle SDWAN** provides the optimal, secure, UCaaS performance for Zoom regardless network failures or downtime. With the SD-WAN, Zoom performs in a:

- Highly secure, high performing, optimized network
- Self-driving, self-healing, automatically notifying and fixing network
- Provides an easy deployment from a cloud environment for applications and traffic

While Zoom may have the best algorithms to adapt to a substandard internet, Zoom is vulnerable to hacking attacks, network failures, or network brownouts.

Fixing and securing the network is expensive and complex. The Oracle SD-WAN Orchestrator may deploy an SD-WAN edge, secure zoom from hacking activity, and provide premium quality service to customers.

### Without SD-WAN:

- Frequent brownouts from unpredictable and low application performance
- App in OCI able to visualize glitch in the video feed
- Showing Bad performing applications and Zoom

### With SD-WAN

- No network degradation and high application performance
- App in OCI sees seamless videos with clear connected worker movements

