audiocodes

Direct Routing SBCs for Microsoft Teams

CERTIFIED BY MICROSOFT FOR DIRECT ROUTING

HYBRID PLATFORMS FOR SMOOTH UC MIGRATION

SCALABILITY TO SUIT ANY ENVIRONMENT

SECURE SIP TRUNK CONNECTIVITY

Microsoft Teams Direct Routing enables Teams customers to connect to local PSTN or SIP trunk providers via a certified SBC. Direct Routing offers Teams customers a great deal of flexibility when it comes to their voice infrastructure, enabling customers to adopt a "bring-your-own-carrier" (BYOC) approach and facilitating co-existence with legacy voice and UC systems.

AudioCodes SBCs support Direct Routing for individual enterprise Teams tenants, as well as for multi-tenancy scenarios (hosted service provider model). In both cases, AudioCodes SBCs can deployed as virtualized or cloud-native solutions in private (e.g. VMWare, KVM) or public clouds (e.g. Azure and AWS), or as on-premises appliances.

Benefits

- Fully certified by Microsoft for Direct Routing with local media optimization
- Support enterprise and service provider hosting models
- Suitable for on-premises and private/public cloud deployments (including Azure and AWS)
- Facilitate smooth migration to UC including coexistence with legacy systems
- Comprehensive scalability up to tens of thousands of sessions
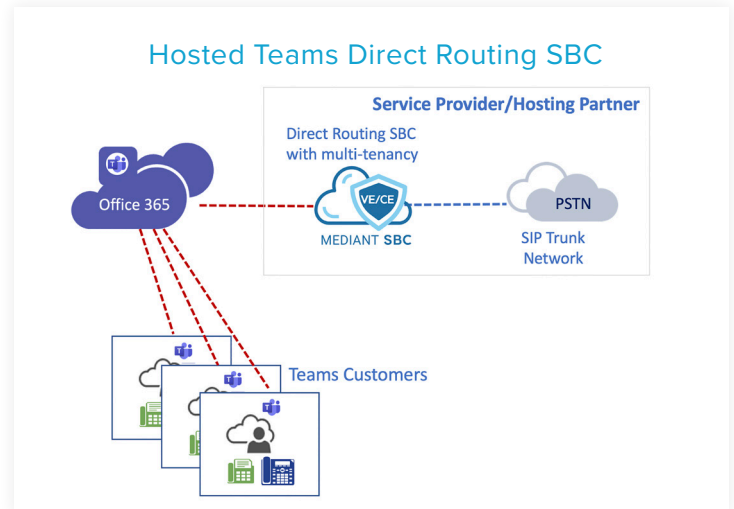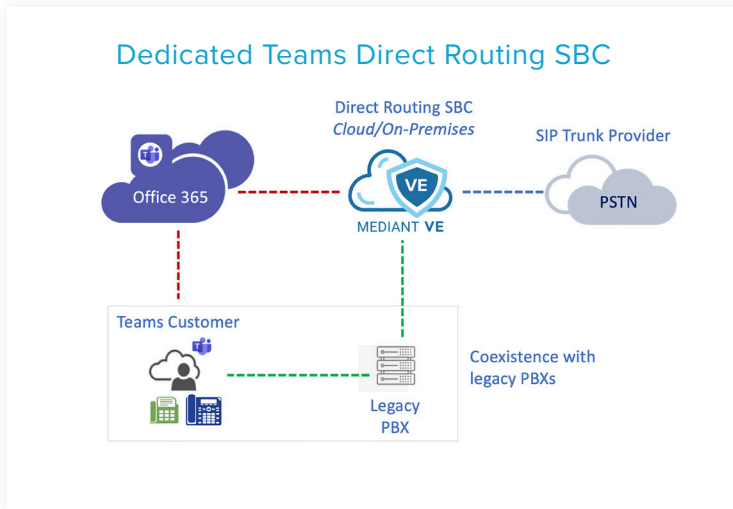- Full automation for new tenant onboarding

Features

- Secure SIP trunk connectivity and real time location-based routing
- Local media optimization and media bypass
- Simplified Skype for Business migration with advanced routing features
- Legacy TDM PBX and analog device support
- Centralized management and real-time voice quality monitoring
- Enhanced voice quality with SILK vocoder support
- Emergency call support - qualified with 911 operators and ELIN support

Local Media Optimization for Teams Direct Routing

AudioCodes SBCs are certified by Microsoft for Local Media Optimization for Direct Routing, a set of media processing features that help Teams customers, especially large distributed organizations, improve voice quality management, reduce bandwidth consumption and limit security risks.

- Control how media traffic flows between Teams clients and SBCs
- Keep media local within corporate networks to preserve bandwidth
- Enable secure NAT traversal between Teams clients and SBCs

AudioCodes Direct Routing SBCs – Reliable, Flexible and Scalable Teams Connectivity

SOFTWARE	**Cloud-native SBC** Micro-services architecture delivering dynamic elasticity and scalability	**Virtualized SBC** Built for deployment in virtualized data centers, private and public clouds
HARDWARE	**Pure IP SBCs** Seamless and secure connectivity with SIP networks and platforms	**Hybrid SBCs** Built-in TDM connectivity to enable smooth integration with legacy voice systems