Digital transformation for communications and collaboration solutions

As part of their digital transformation process, large enterprises are looking to simplify operation of their voice networks and increase call routing efficiency. Designed following the principles of Software-Defined Networking (SDN), AudioCodes’ Software-Defined Voice Network (SDvN) solution achieves this through consolidation of communications silos, connectivity with SIP trunk services and utilization of the corporate IP network to optimize call routing.

SDvN combines AudioCodes session border controllers (SBCs), global end-to-end call routing and policy management, user management, and voice network management tools to create a universal network that connects multiple on-premises and cloud-based UCaaS solutions without having to replace existing platforms. The end result is a future-proof voice infrastructure that is easy to manage, maintains corporate security, and delivers significant capital and operational cost savings.

SDvN Benefits

- Optimize voice communications across heterogeneous systems
- Simplify operations by consolidating existing systems
- Agile voice service deployment and network configuration
- Generate tailored multi-cloud, multi-SaaS hybrid solutions

SDvN Highlights

- Central network intelligence
- Voice communication logic decoupled from voice routing and infrastructure
- Separation of voice application, network controller and network device layers
- Heterogeneous, cross-network control plane and network-aware optimization logic
SDvN Building Blocks

AudioCodes Routing Manager
Centralized and optimized end-to-end call routing and policy management

One Voice Operations Center
Centralized lifecycle management and voice quality monitoring of enterprise voice networks

User Management Pack 365
Simplified user lifecycle and identity management across UC deployments

Software and Virtualized SBCs
Software-based solutions providing seamless SIP trunk and IP-PBX connectivity in data centers and private and public cloud environments

Hybrid SBC/Media Gateways
Integrated appliances delivering flexible and reliable connectivity with SIP trunks, IP-PBXs, legacy TDM PBXs, analog devices and the PSTN

Is SDvN for me?

- Is your enterprise voice network made up of multiple, multi-vendor silos?
- Are you looking to control your corporate voice communications costs?
- Are call routing and policy management becoming increasingly complex as your network grows?
- Would you like to simplify user lifecycle management across multiple SaaS and UCaaS offerings consumed by your users?

If the answer to any of these questions is **YES**, AudioCodes SDvN could be the ideal solution for your current and future voice needs. [Contact your AudioCodes representative](#) to find out more.