



PSTN Migration Solutions

Quick, Reliable and Cost-effective PSTN to All-IP Migration

AudioCodes' PSTN migration solutions are designed to assist fixed-line service providers as they transform their TDM fixed-line networks to All-IP. The solutions consist of a set of scalable CPE devices, central office gateways, management and monitoring application suites, working seamlessly together and designed to offer fixed-line providers a quick, reliable and cost-effective path from TDM to IP services.

Key benefits for fixed-line service providers:



Cover Any Deployment Option

Address any customer size and network topology type (on-premises, street cabinets, central office)



Avoid Customer Churn

Assure minimum business disruption during the migration process



Optimize Migration Time

Reduce the migration process time with smooth installation and auto remote configuration techniques



Minimize Migration Cost

Reduce operations, logistics and engineering costs



Enable Cloud and UC Services

Support for all leading cloud and UC services with option for hybrid solution



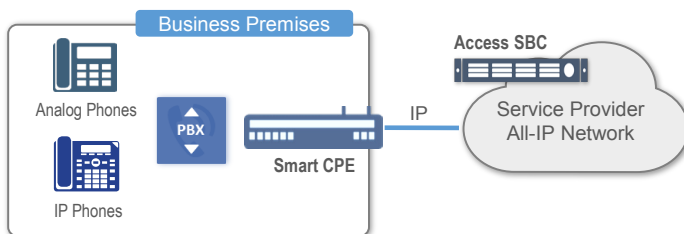
The Path for Successful TDM to All-IP Migration



Cover Any Deployment Option

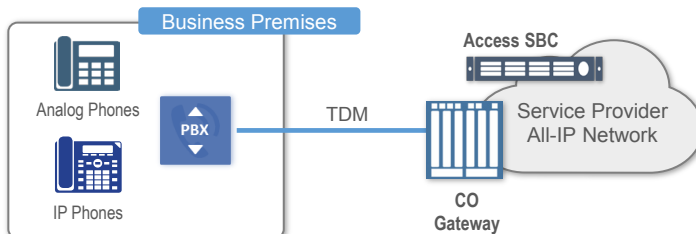
A key challenge of PSTN migration is migrating 100% of the network while providing solutions for any customer type, size, or location that may be using existing telephony applications and services.

- **Addresses any customer size** with a scalable solution from SOHO up to large enterprises
- **Supports any topology type** with ideally suited products that include on-premises CPE devices, central office gateways and the option to integrate cloud services.



On-premises CPE migration approach

- The IP network ends at the customer's premises with new smart CPE
- The service provider consolidates customer's voice and data services
- The smart CPE includes data routing (up to 1 Gbps), SBC and gateway for TDM integration
- Customer can continue using existing PBX



CO migration approach

- The IP network ends in the exchange or in the box near the customer's premises
- A trunking gateway must be installed at the CO or the street cabinet
- Customer does not always have to be informed when the migration is carried out
- Customer can continue using existing PBX

Avoid Customer Churn



The customer-based footprint is the greatest asset of the fixed-line provider. It is critical to minimize churn during the migration process.

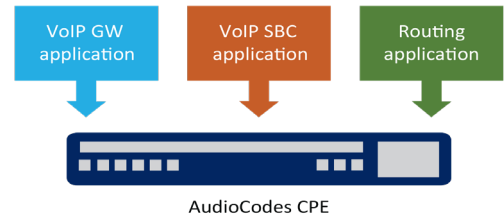
- **Ensures minimum business disruption** during the migration process with a rapid installation of the new devices
- **Ensures improved QoS and QoE** with the new IP network

Enable Future Services



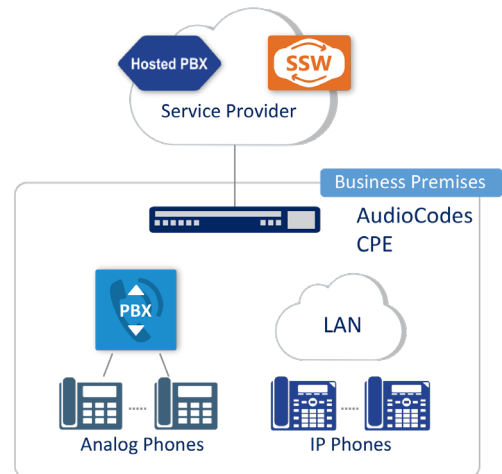
Modular Design

AudioCodes' CPE unique modular design allows for remote installation of VoIP gateway, SBC and routing (up to 1Gbps) applications in the same device as well as the activation of the most suitable configuration for the desired service. This unique design enables fixed line providers to first connect their customers to their SIP Trunking services quickly and with minimum disruption, while being able in the future to migrate these customers to cloud services without needing to revisit the customer and reinstall equipment.



Hybrid Solution

The AudioCodes Hybrid CPE enables service providers to benefit from a coexistence solution that merges the on-premises PBX and the new cloud-based phone system or UCaaS into a single telephony solution. This hybrid design allows for a gradual migration to hosted/cloud PBX or UC services while continuing to use the existing on-premises PBX system. The service provider benefits from reduced on-site technician time and from an attractive cloud migration offering to the end customer.



Optimize Migration Time



Reduce the migration time of a large scale deployment

- **Quick installation and configuration of on-site devices** is made possible by using wide-ranging interoperability devices, auto configuration wizards and zero touch provisioning
- **Remote management tools** enable remote configuration and installation of new applications while saving on technician time and visits

Minimize Migration Cost



The migration process is complex and long and requires detailed cost planning.

- **Reduces equipment and logistics costs** by using a single provider
- **Reduces installation and engineering costs** with a quick and easy deployment of the new devices, together with holistic management that saves the costs of on-site technician time and visits

Complete PSTN to All-IP Transformation Portfolio

Any Deployment Option – Any Customer Size – Any Configuration – Any Application



Mediant 3000

High Availability Gateway
Up to 2016 TDM channels



Mediant 4000

High Availability SBC
Up to 5000 SBC sessions



Mediant 500LI



Mediant 500



Mediant 500L



Mediant 800



Mediant 1000

Smart CPE with modular configuration: VoIP GW / SBC / Router / vCPE
TDM range: 8 – 120 channels (E1/T1/FXS/FXO/BRI)



MP-112



MP-114



MP-118



MP-124



MP-202



MP-204

Analog Voice Gateways/ATAs
2-24 FXS/FXO



MP-1288

High Capacity Analog Gateway
144-288 FXS

SOHO and Micro Business

SMB, SME and Branches

Enterprise and Hospitality

Central Office (CO) & Street Cabinet



Mediant 3000

High Availability Gateways
Up to 16,128 TDM channels



Mediant 8000



Mediant 9000

Access SBC
Up to 70,000 sessions



Software Access SBC



One Voice Operations Center

Centralized
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