

TELEPHONY AND VOIP SOLUTIONS FOR Competitive Carrier, Telecom, and Internet Service Providers

VoIP Solutions

VoIP Infrastructure Implementation Benefits

- Avoid Local Intrastate Interconnection Fees
- Reduce Interstate and Long Distance Charges and Switching Fees
- Target Customers Located Outside the Principal Service Area (LATA)
- Support Post-Paid Telephony Service for Low-Credit-Score Customers
- Support for Hosted Conference, Follow-me, and Voice Mail Functionality
- Introduce Additional Telephony Services
- Provide Direct Termination Services for International/Long Distance Carriers
- Provide Wholesale Switching Services
- Reduce Customer Churn Rate
- Support PSTN/SS7/ISDN/CAC/CAS and VOIP/H323/SIP/MGCP Interfaces
- Supported Advanced IP Centrex and Hosted PBX Functionality

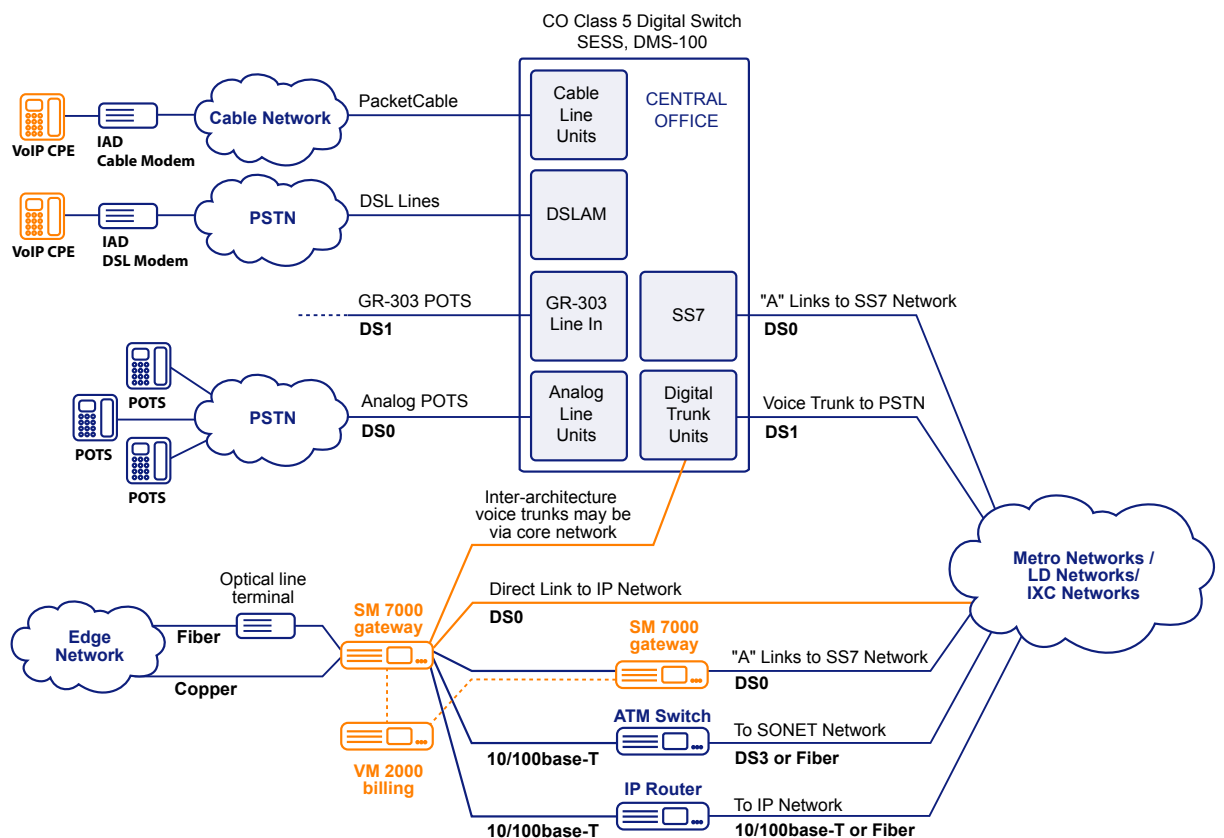
Why VoIP?

Avoid Local Intrastate Interconnection Fees

SysMaster VoIP/PSTN and Softswitch solutions allow carriers to avoid intrastate switching to reduce or eliminate local switching fees and state taxes. Data switching of voice calls allows the call to be converted to VoIP data call, switched to an NGN telecom outside the state and then terminate the call utilizing data VoIP format thus eliminating intrastate switching and the related state switching taxes.

Reduce Interstate and Long Distance Charges and Switching Fees

SysMaster Softswitch and Billing solution allows call termination to be arranged via alternative long distance and international voice carriers and dramatically reduce the overall call charges and switching fees. This is achieved by utilizing public networks (the Internet) for 99% of the call route, thus reducing the overall call charges to a nominal third-party termination fee.



Target Customers Located Outside the Principal Service Area

SysMaster Billing and Routing solution allows telecom companies to target customers outside their principal service area and provide basic telephony and IP Centrex services. Telecom businesses can support outbound long distance and international call routing as well as inbound call routing and IP Centrex to provide a complete telephony solution. This is a service similar to the one currently offered by VoIP providers like Vonage, 8x8, among others.

Support Post-Paid Telephony Service for Low-Credit-Score Customers

SysMaster Billing solution supports pre-paid and post-paid service models easily to accommodate pre-paid calling plans for low-credit-score customers. This allows telecom companies to sign up virtually any type of customer regardless of credit history or physical location.

Introduce Additional Telephony Services

SysMaster VoIP/PSTN and Softswitch solutions support a great variety of Class 4 and Class 5 telephony services such as IP Centrex, Conference, Voice Mail, Follow-me/Find-me services. The variety of services allows telecom companies to offer such services to customers and businesses in ASP or hosted mode. For example, the providers can offer value-added Voicemail, Centrex, Conference services to their customers to improve their product offering and reduce churn rate.

Supported PSTN/VoIP Interfaces and Regulatory Compliance

SysMaster Billing and Routing offers flexible interfaces to traditional telecom switches via SS7, ISDN, CAS, MFC/R2, and CAC interfaces with government CALEA compliance. In addition, the platform supports the most popular VoIP protocols including H.323, SIP, and MGCP with transcoding and protocol conversion capability.

Support for Hosted Conference, Follow-me, and Voice Mail Functionality

SysMaster Advanced Conference, Follow-me, and Voice Mail platforms offer advanced value-added services to subscribers and complement the IP PBX and IP Centrex offering. Using the hosted service, billing model providers can offer complete business service packages to new and existing customers.

Direct Termination Services for International/Long Distance Carriers

SysMaster Billing allows termination service routing and billing for call termination and origination, thus providing a complete solution for wholesale traffic termination. Telecom companies can negotiate contracts with long distance and international carriers for direct call termination that is not related to PSTN switching and routing.

Provide Wholesale Switching Services

SysMaster Billing and Routing server supports wholesale business models to allow providers with favorable traffic switching rates to resell traffic to VoIP partners in wholesale format. These companies can leverage their bulk traffic contracts to provide competitive termination rates to third-party VoIP companies.

Reduce Customer Churn Rate

SysMaster Billing and Routing offers flexible interfaces to traditional telecom switches via SS7, ISDN, CAS, MFC/R2, and CAC interfaces with government CALEA and E.911 compliance. In addition, the platform supports the most popular VoIP protocols including H.323, SIP, and MGCP with transcoding and protocol conversion capability.

Supported Advanced IP Centrex and Hosted PBX Functionality

SysMaster Advanced IP PBX and IP Centrex Class 5 platform allows service providers to offer advanced (VoIP/H323/SIP/MGCP and PSTN/ISDN/CAS/SS7) services to subscribers such as Basic IP Centrex and Advanced IP Centrex. The system supports both pre-paid and post-paid billing on event or time basis. Additional services provide extended revenue opportunities and reduce customer churn rate.



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