



PowerVoice

DATASHEET

PowerVoice - SIP ISDN

PowerVoice SIP ISDN allows a customer with traditional PBX to connect directly with voice service providers through Jcom's network for PSTN breakout. Customers can achieve substantial costs savings through the consolidation of ISDN line rental in addition to benefitting from competitive rates on voice minutes. Customers also have the flexibility to peer with multiple voice providers and perform their own least cost routing (LCR) function.

A voice media converter is used to convert an ISDN (Q.931) connection from the customer PBX, PRI or BRI to IP. The media converter connects to the voice provider(s) using SIP and the G.711 voice compression codec to provide the equivalent voice quality offered through traditional ISDN circuits.

The features and benefits to this service are shown below:

Features	Benefits
Access to multiple voice providers	Save up to 40% on call costs
Business quality voice	Same voice quality as traditional PSTN service
Secure, private network	Total security for peace of mind
Converged voice and data networks	Reduced administration effort and cost
24x7 monitoring and fault management	Fast, effective professional support
Comprehensive SLA	Quality and performance guaranteed

The solution offers secure, dedicated bandwidth in to Jcom's voice peering fabric with guarantees on jitter, delay and packet loss up to the customer demarcation point.

The solution is designed to offer business grade voice and uses the G.711 voice compression codec to provide the equivalent voice quality offered through traditional ISDN circuits (each voice channel consumes around 100Kbs bandwidth).

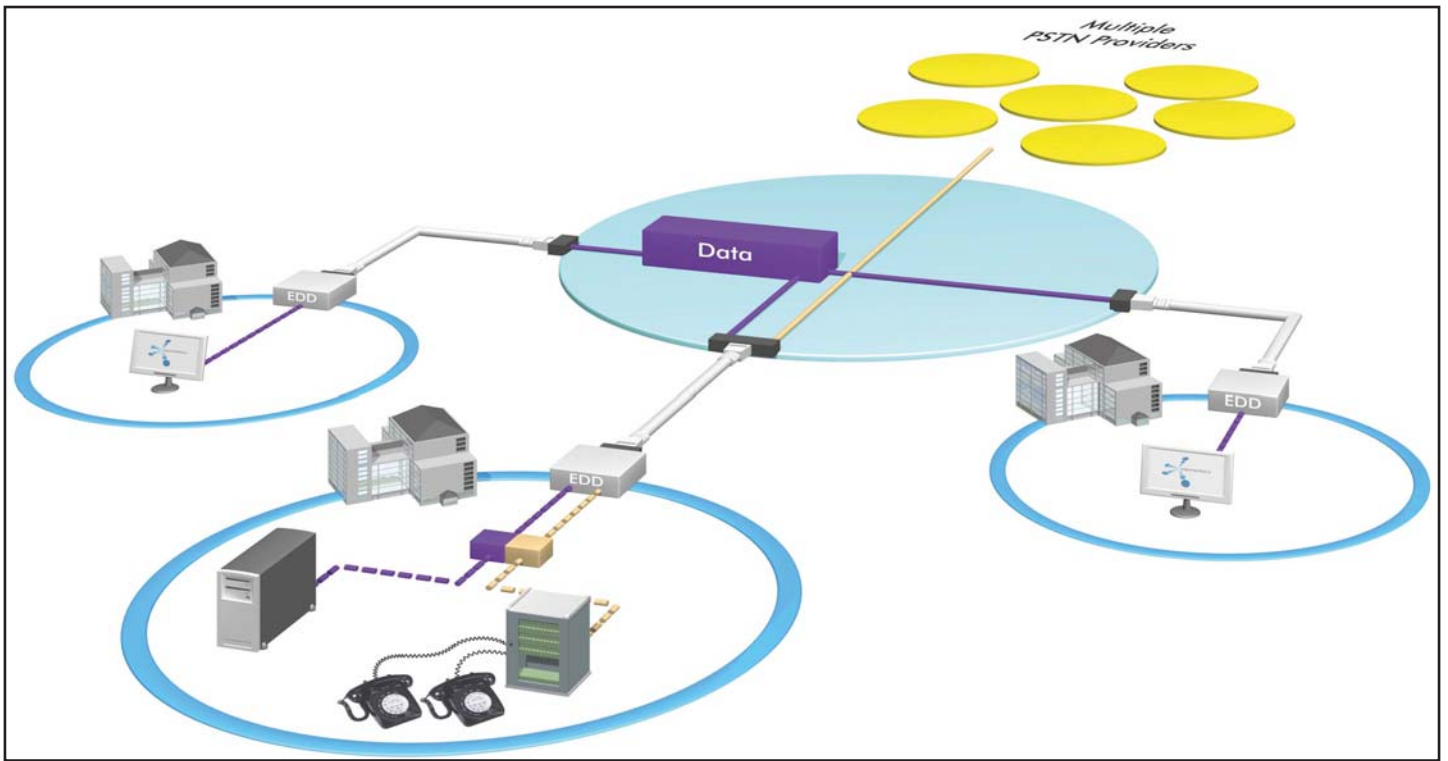


Fig 1. Converged Voice and Data solution.

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