VoIP Solution

Move your business forward
Communicate with the world

SIP Communication Solution

Flexible, cost-effective

Octtel Communication consistently helps small businesses and carriers succeed with a variety of solutions. We provide backend equipment for carriers and build seamless network environments for our customers. Octtel Communication VoIP gateways offer greater flexibility in the move towards unified communications by supporting traditional modem equipment. They are easy to use for all types of businesses and deliver high-quality voice communication and instant FAX over IP networks.

Convenient, powerful

SIP is a protocol that allows users to communicate over the Internet. A SIP-enabled VoIP gateway packages analog signals from a telephone call into Internet Protocol packets and transmits them over the Internet. This additional process bypasses the PSTN (Public Switched Telephone Network) to save on call costs.

Octtel Communication VoIP gateway is a SIP 3261 compliant gateway that provides a comprehensive solution for voice and data network integration. It is a feature-rich product designed for telecom operators to provide secure and enhanced telephone services in modern, complex networks. Through its optimized SIP architecture, it enables service providers to deliver carrier-grade Cloud PBX switching services more securely via Total-IP NGN/ 3GPP IMS infrastructure.

VoIP or IP telephony, transforms traditional telephone systems into internet-based systems, reducing the cost of traditional telephone calls. However, the internet was not designed for real-time audio transmission, necessitating specialized technologies and communication protocols. These technologies and protocols constitute today's VoIP. VoIP operates by converting voice signals into data packets, transmitting them over the internet to the other end, and then converting the data packets back into voice signals for the recipient to hear.

Cost-effective, security-enhanced

Octtel Communication VoIP gateways are cost-effective products designed specifically for telecom operators. They provide enhanced security telephone services in modern, sophisticated networks. Octtel Communication VoIP gateways offer a connection platform between traditional POTS lines and the internet, supporting various broadband technologies such as xDSL, HFC, wireless, and fiber optics. Intelligent functions include long loopback, line testing, polarity reversal, caller ID, call forwarding, call waiting, and three-way calling. Ideal applications include MTU/ MDU, virtual PBX, Cloud PBX, PBX extensions, and managed telephone services.

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