

GEMINI SERIES



THE SINGLE SOLUTION FOR SEAMLESS INTEGRATION OF ANY IP NETWORK

LINK YOUR TELEPHONY AND DATA NETWORKS

The GEMINI Series is a superior IP telephony network solution comprised of gateways and gatekeepers that seamlessly integrate telephone systems with IP networks in a single solution.

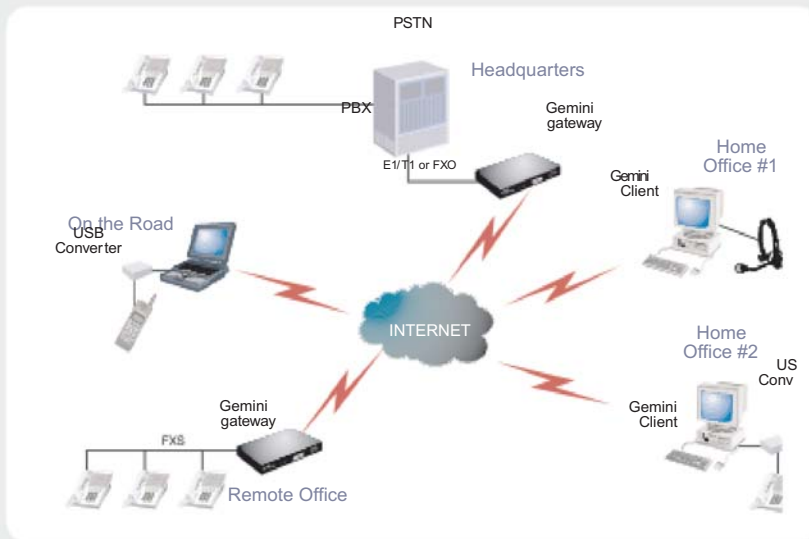
GEMINI offers browser-based management software, call security, accounting, cost efficient call routing, and a flexible infra-structure to enable you to add applications and channels as the company grows.

INTEGRATE AND INNOVATE YOUR COMMUNICATION CONNECTIONS

- Dramatically reduces telephony equipment costs by creating an optimal communication environment that supports all functionality provided by the existing PBX, such as IVR, call forwarding, conferencing and customizable recorded messages.
- Decreases telephone costs by allowing toll-free calls to be placed over your TCP/IP network
- In distributed systems, Gemini gateways can be configured to route calls dynamically according to traffic loads and over the most cost-efficient path
- Provides effective, centralized, Web-based management via your browser and simple-to-use configuration menus for single-point administration of user lists and security definitions
- Supports third party billing systems and generates call log files.
- Supports PIN and ANI security functions, allowing you to control your data and telephony network access rights
- Complies with industry standard Voice over IP protocols such as H.323 V2 and G.723.1 for seamless integration with third-party components



GEMINI SERIES



A GEMINI gateway is installed at each location (e.g. branch office), providing PBX functionality and high quality phone-to-phone communications for a smarter, more efficient network.

Each GEMINI gateway can handle multiple calls simultaneously and can be configured to route calls dynamically, according to traffic loads and the most cost-efficient path.

For example, a worker at a branch office dials to an outside party or to an extension at your company's main office. The branch office gateway transports the call over a router to the GEMINI gateway at your main office. *The second gateway routes the call to the local PBX, thus avoiding long distance telephone charges.*

ANY IP NETWORK!

LAN, WAN, Frame Relay, dial-up, ISDN, Internet, Wireless, Satellite, Physical Layer (Gateway): Ethernet/Fast Ethernet

TECHNICAL SPECIFICATIONS AND FEATURES

VOICE DIGITIZATION

- H.323 V2 VoIP Protocol
- Compression and silence suppression ITU G.723.1 (6.3Kbps)
- Echo cancellation ITU G.165
- Bandwidth 6.3Kbps max./3.15Kbps avg. (10Kbps max./4.85Kbps avg. with network overhead)
- Full-duplex conversation

TELEPHONY INTERFACES

- E1/T1 ISDN PRI up to 2 interfaces
- FXO-Analog extension 2, 4, and 8 ports
- FXS-Analog up to 30 ports
- E&M - Analog up to 8 ports
- Enabled scalability of up to 16 Gateways under a single management for enhanced capacity

PHYSICAL SPECIFICATIONS

- Rack-mountable 1U box
- Electrical:
 - Universal input 100v-240v 1A 50/60Hz
- Dimensions:
 - Width: 17.2" / 43.7 cm
 - Height: 1.64" / 4.16 cm (1U)

NETWORK SUPPORT

Any IP network: LAN, WAN, Frame Relay, dial-up, ISDN, Internet, Wireless, Satellite
Physical layer (Gateway): Ethernet/Fast Ethernet

FEATURES

- DTMF detection and generation
- Multinational PTT regulation compliant
- Channel-specific voice volume control
- Software upgradeable

SECURITY AND ADMINISTRATION

- Remote Web management
- Name and password authentication for both inbound and outbound calls
- Third-party billing system support
- Call log
- User and gateway dialing restrictions
- Smart phone number limiting capability

WARRANTY

1-year hardware and software warranty

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