



## XIPmite Biz

**XIPmite Biz offers VoIP solutions that provide significant savings and secure line capabilities on international and domestic long distance calls for business customers.**

XIPmite Biz is a high-quality new generation voice communication solution that enables high quality voice traffic transport between two or more XIPmite Biz systems via the Internet or the Intranet.

Additionally, our solution enables a reliable, secure conversation with a high level of encryption. This provides protection from wiretapping / Internet snooping.

XIPmite Biz is designed to allow conventional telephony devices to be connected via the Internet.

By placing XIPmite Biz systems at business offices around the globe, international business companies can earn immediate savings by using the Internet instead of long distance services for all inter-office calls, and even for external calls to areas where remote offices are located.

In operation, XIPmite Biz provides a gateway function providing voice traffic communication between two or more XIPmite Biz systems via the Internet or the Intranet.

### Benefits and features

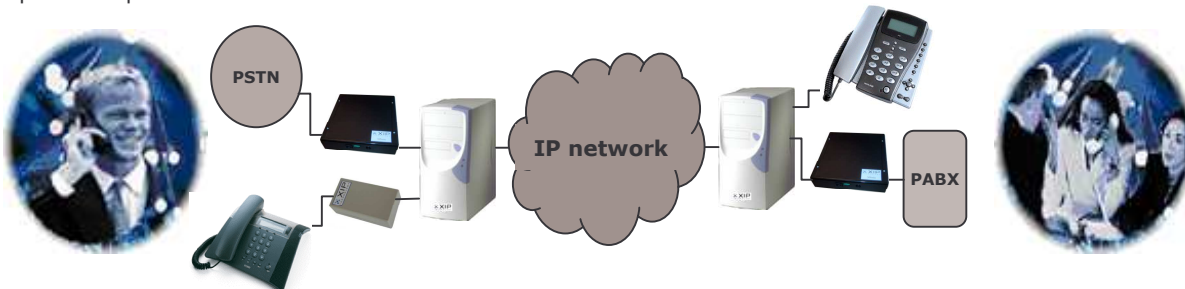
- State-of-the-art 128 bit encryption technology
- Exclusive remote management, alarm monitoring and upgrades
- Unique web-based remote management and configuration capabilities
- Routing function enables companies to establish their own telecommunications network
- Any touch-tone or cellular phone may be used
- Quick and easy installation
- XIPmite Line units automatically adapt to varying telephone line conditions through advanced line calibration and echo cancellation
- Options for executing card-tariffing system for individual customers
- Designed for use with the offices' existing telephone switchboards (PABX's) or direct connection to the Public Service Telephone Network (PSTN)
- No need for central database processing makes system redundant



### XIPmite Biz system

### How XIPmite Biz system works

The XIPmite Biz system takes telephone signals, digitizes them, compresses them and then routes them using the Internet Protocol (IP). Meanwhile, the XIPmite Biz system at the other end reverses this operation for packets coming in from the network and going out over a telephone allowing a phone-to-phone conversation.



### Components of the XIPmite Biz system:

The **XIPmite Station** software, hardware and operating system package is the heart of the system and provides the unique functionality of the XIPmite Biz system.

The **XIPmite BizLine** interface connects a phone line from PSTN or a PABX to the XIPmite system.

The **XIPmite BizIPphone** is a complete phone that connects to the XIPmite Station via the Internet or Intranet.

The **XIPmite BizPhone** interface enables telephone communication with a destination by directly, attaching a standard analogue telephone or a headset.

**XIPmite Biz provides protection against wire tapping / Internet snooping, is easy to install, and provides immediate savings on international and domestic long distance telephone communications.**



## XIPmite Biz Options

### XIP Encryption

Powerful enhanced encryption that provides a higher level of protection against wire-tapping / Internet snooping.

XIP Encryption provides three levels of protection to choose from:

- Level AA1: Changeable symmetric 128 bit encryption keys (this level is standard in a XIPmite Biz package)
- Level AA2: 1024 bit encryption keys that automatically change with every call
- Level AA3: Use of customer provided encryption algorithm without third party involvement.

### XIPmite Extension

A remote extension function for all types of PABX's. This is an easy way of moving PABX extensions to a remote location.

### XIP Conference

Save money and time using the phone conference system.

Enter your desired conference by dialling into a "virtual" conference room. The agenda and other conference documents are shared via the web enabled whiteboard of that room.

### XIP Server

Via the server, customers with XIPmite Biz systems are able to connect over the Internet and obtain useful information and statistics from billing records and alarm messages, as well as managing of dynamic IP addresses and encryption keys.

### XIP PhoneCard

Functions to set up a pre-paid or billing based IP telephony business. XIP PhoneCard allows for easy adding and editing of phone card accounts as well as editing tariffs for different destinations.

### XIP SafeMail

Powerful encrypted mail and data between gateways.

### Contact information

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### Technical information

#### Network requirements

- Ethernet, RJ45, 10/100 Mbps
- Data speed, 19 kbps per call

#### Xipmite BizLine

- Analogue line 600 ohm
- 1-12 lines / XIPmite Station
- Size/line: 140 x 65 x 25mm

#### Power requirements

- 90-264V AC

#### XIPmite Biz description

- Voice compression 13kb/s
- Encryption, 128 bit keys
- Routing between gateways
- Echo cancellation 50dB
- Silence suppression for bandwidth reduction
- Reduction of digital jitter
- Watchdog