» Voice over IP for small companies and offices «

HiPath BizIP

SIEMENS

》 HiPath BizIP –
Just Communicate! «

The countdown is over. Are you revving up your company, changing processes or wanting to try something new? No problem – HiPath BizIP is the right communication solution.

Communication is particularly important for small businesses or offices. Even when the distances are short, the high mobility of employees and modern ways of working present a special challenge for communications solutions. It's good if you have a highly capable system. Even better when it's not only highly adaptable, but economical as well – in purchase price as well as in operation. Like the HiPath BizIP from Siemens.

With HiPath BizIP, Siemens offers, for the first time, innovative peer-to-peer technology for voice communication in companies via data networks (voice over IP). Instead of separate telephone systems, HiPath BizIP uses the intelligence of the telephone. The convenient BizIP 410 telephone is connected directly to the existing LAN infrastructure. Each telephone possesses an integrated, personal answering machine and supports a wide variety of performance features. The BizIP Access Device takes over communication with public voice and broadband data networks. With it, service provider VoIP telephone numbers, ISDN lines, or both in parallel can be used for Internet telephony.

HiPath BizIP offers a comfortable, highly promising system with access to innovative, economical VoIP offers, with a large degree of availability and simple operation at low startup costs. HiPath BizIP thus represents the optimum solution for small offices with LAN infrastructure that want to enjoy all the benefits of VoIP communication without having to invest in an expensive telephone system.

HiPath BizIP makes IP simple and economical

With HiPath BizIP, businesses can make calls within the VoIP network at no additional cost and can achieve savings on long-distance calls or basic fees for ISDN lines. Infrastructure costs are low, since there is no communications server and there's only one network with a single connection cable for each workstation. Self-configuration of the telephone and web-based administration reduce installation and administration costs.

HiPath BizIP – from Siemens, of course

Naturally, the Real Time IP System HiPath BizIP offers you all the benefits that have made Siemens the leading provider of communication solutions. A high level of reliability and failure safety combined with flexible scalability. HiPath BizIP generates a high return on investment, offers low total cost of ownership, and makes smooth implementation and operation possible.

Your benefits:

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- Fast and easy installation
- Clear calculable cost
- Cost effective Internet telephony
- Representative phones

HiPath BizIP makes possible the seamless expansion from two to up to sixteen terminals, offers a backup function between terminals, and is already prepared for future SIP applications and services.

With the "plug & phone" function of the HiPath BizIP telephones, configuration is done completely automatically, because the telephones find and configure themselves. The fast and simple installation is supported by the Installation Wizard. The entire network access administration takes place via a Web browser. This makes it particularly easy to expand the HiPath BizIP system by adding more participants.

Do you want to speed up communication processes?

Thanks to the TAPI interface, HiPath BizIP can be expanded with a CTI client for the desktop. The integration of telephone and PC saves working time and speeds up communication processes. You can conveniently dial from an address database or a list of missed calls.

More options for your communication

Internet telephony offers businesses many advantages – economical calls, simple integration with applications and real convergence of voice and data. The open SIP standard makes communication solutions more flexible and ensures that it will meet the challenges of the future.

Very quickly-three steps toward peer-to-peer telephony

1. Connect BizIP AD 20 to:
- DSL modem
- ISDN connection
- LAN switch
- Power connection

2. Connect BizIP 410 telephones to:
- LAN switch and
- power connection (if not "Power over Ethernet")
- enter user name

3. Enter access data:
- Open browser on any PC on the LAN
- Enter Internet, VoIP and ISDN data
- Define assignment of calls to internal users

HiPath BizIP features

Telephony features
- caller identification on/off
- call forwarding/call deflect
- call hold
- call lists
- call transfer
- call waiting
- class of service
- consultation/alternate
- direct station select/pick up calls
- do not disturb
- group call
- microphone on/off
- music on hold
- phone lock
- redial
- speed dial (individual)
- telephone directory (system-wide)
- three party conference
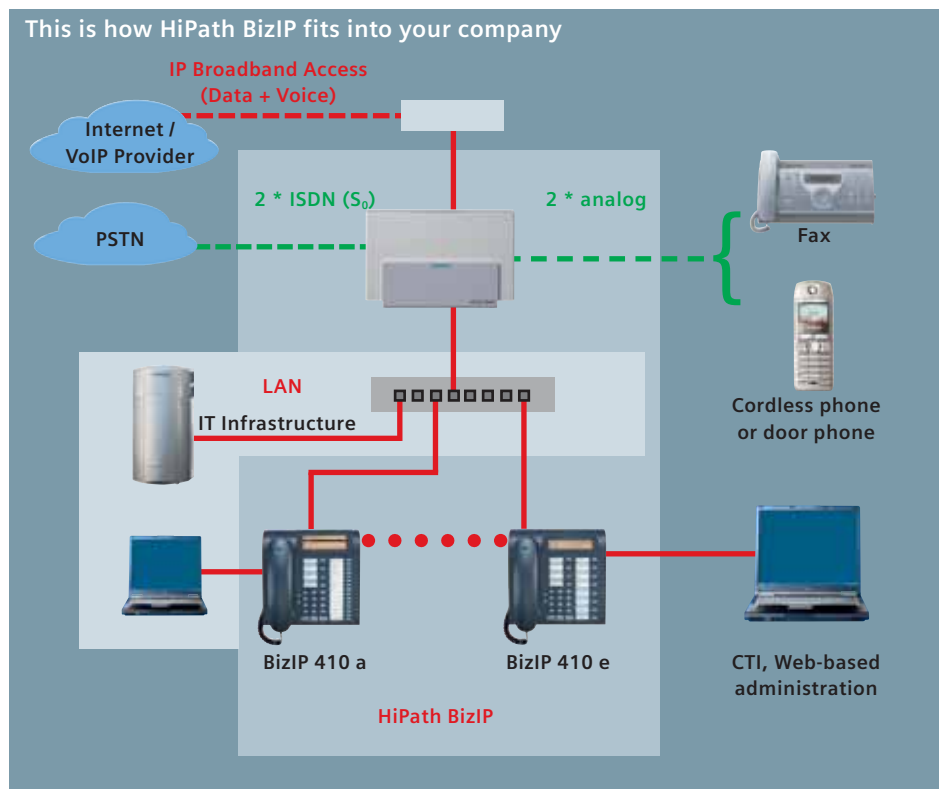
Data communication features
- DHCP server, DNS relay
- firewall, expanded for VoIP
- quality of service, traffic shaping
- router for DSL

Applications
- call data evaluation
- personal answering machine
- call setup via PC (CTI)

Network requirements
- LAN 10/100 Mbit/s with LAN switch, optionally power over Ethernet
- DSL modem with LAN interface, recommended data rate 32kBits/s per call with G.729 voice compression, and 90 kbit/sec with G. 711 compression
- ISDN connection, telephone system or multiple-phone set connection

This is how HiPath BizIP fits into your company

IP Broadband Access (Data + Voice)

Internet / VoIP Provider

PSTN

2 * ISDN (S$_0$)　　2 * analog

Fax

Cordless phone or door phone

LAN

IT Infrastructure

BizIP 410 a　　BizIP 410 e　　CTI, Web-based administration

HiPath BizIP

HiPath BizIP components

Companies can put together the innovative and particularly flexible communication solution HiPath BizIP from the individual components. All you have to do is connect the intelligent BizIP telephone to your LAN infrastructure and connect with the public voice and data network via the access device. Everything is matched perfectly, and therefore more telephones or accessory devices can be added at a later date.

BizIP 410 e

The standard telephone for HiPath BizIP already offers a whole series of convenient functions:

- 2-line display
- Loudspeaker and headset connection
- 10/100 Base-T mini-switch and power over the Ethernet
- 12 programmable function keys with LED
- 3 dialog keys: Yes, Back, and Continue
- Colors: arctic, mangan

BizIP AD 20

The access device BizIP AD 20 handles communication with the public voice and data networks.

- Ethernet connection for broadband Internet access (DSL modem)
- Ethernet connection for the in-house LAN (10/100 Mbit/s)
- 2 ISDN Network connections (S_0)
- 2 analog subscriber interfaces for telephones, fax, or intercom
- SIP gateway
- Router and firewall
- Web-based administration with installation wizard

> **Always available:
> the integrated voicemail**
>
> If an extension happens to be not available, voicemail makes sure no call is lost. It is integrated in each telephone and optimizes availability with many comfortable service options:
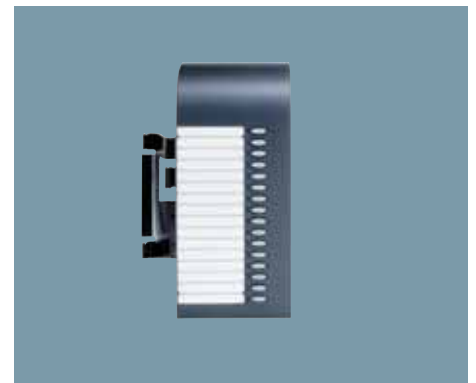>
> - 10-min. voice recording per telephone
> - message waiting signal
> - access protection (PIN)
> - display and audio user interface
> - message retrieval from any telephone
> - callback
> - system and personal greeting
> - group voice boxes

BizIP 410 a

The comfort telephone satisfies even demanding frequent callers. The same features as BizIP 410 e, plus:

- 4-line, illuminated display
- Hands-free function
- 19 programmable function keys with LED
- Expandable with an optiPoint key module and an optiPoint adapter

optiPoint key module with 16 additional function keys, LEDs, and labeling options.

optiPoint acoustic adapter for connection of an external loudspeaker box and an accessory microphone, and for the control of external devices, such as busy signal or secondary sounder.

optiPoint recorder adapter recorder adapter for connecting a recorder adapter for an additional receiver

Your success is the focus of everything we do at **Siemens Communications**. We work together with you to develop powerful communication solutions that help you achieve your business goals. Take advantage of our proven experience, innovation power and implementation skills in all key areas of voice and data communication.

As a leading provider of communication solutions for mobile, fixed and enterprise networks worldwide, we constantly strive to make communication easier and more efficient. Thus we are setting the trends for a communication environment that fosters your success – today and in the future.

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