



**SIEMENS**

Global network of innovation

Tomorrow's office  
flexibility, today:  
the optiPoint 420 family.

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# optiPoint 420 - your personalized configuration at any workstation.

**The working environment is becoming increasingly mobile - even within a company's premises. Desk sharing means the creation of new, modern and, above all, more flexible office environments. It also means new challenges for communications technology. With the new optiPoint 420 family, Siemens offers a particularly flexible solution.**

The high-performance phones that make up the optiPoint 420 family are the ideal solution for dynamic companies with mobile users that demand one thing from their phones above all others: flexibility. New, innovative technology allows the automatic transfer of key presets and presenting via the displays beside the function keys, making them ideally suited to desk-sharing environments. Users always have their own presets at their fingertips as soon as they log on. With the optiPoint 420, the little paper strips are history. No more time is wasted printing, cutting out and inserting labels as

a result of just one key change. And the traditional user interface with highly visible LED indicators still remains. Together with HiPath Real Time IP Systems, the phones in the optiPoint 420 family assign keys automatically, along with associated features. Of course, you can always modify key presets to suit your specific requirements - set functions and store individual names at the touch of a button. Not only is this convenient, it also reduces service costs. Companies where many users frequently change workstations, or modify key presets, can realize significant cost savings. optiPoint 420 is always the convenient solution - even for demanding users.

## **optiPoint 420 - everything you expect from a modern phone.**

With the new optiPoint 420 family, Siemens is offering a series of highly modern and flexible IP phones that can be modified to suit all requirements. Special features of the optiPoint 420 family include high voice quality provided by the G.722 broadband codec technology. A single-user interface and unrestricted access to wide-ranging and convenient HiPath ComScendo features of HiPath Real Time IP Systems makes telephoning easier and more convenient. Features also include language selection, optional touch screen module and a JAVA platform.

The modularity and flexible expansion options make the optiPoint 420 phones cost-effective. You pay only for what you really need, and benefit from particularly low operating costs. Plug & call functionality shortens installation time, as well as reducing repair and maintenance costs. Feature updates are carried out via simple software downloads.

And, due to the standard interfaces and APIs, they are also easy to integrate into existing communications systems. Like all optiPoint phones, the optiPoint 420 family also boasts a high level of functionality and a modern, ergonomic design. Requiring little desktop space and particularly easy usage, the logically constructed, easy-to-read user interface makes telephoning even more convenient.

Thanks to the latest in IP technology, all phones in the optiPoint 420 family support the full spectrum of HiPath Real Time IP Systems. This makes the phones especially flexible and cost-effective. By using the existing LAN for voice communication and power, phones need only one single cable at each workstation. An integrated mini-switch ensures that PC users can exchange data and voice simultaneously across one line from workstations equipped with an optiPoint 420\*.

\* Mini-switch not available for optiPoint 420 economy

# optiPoint - benefits at a glance.

Gain access to wide-ranging and convenient features of the innovative HiPath Real Time IP Systems with optiPoint 420 phones. With easy access to all communications resources, optimized communication between individuals and work groups, and with partners and customers, optiPoint 420 telephones increase employee productivity. The comprehensive HiPath portfolio consists of modular, multifunctional software, services and supporting hardware.

**optiPoint - cost-effective and extremely reliable.**

## **Reduction of call costs**

- Calls made by users and branch offices are handled via the company's internal IP network

## **Low infrastructure costs for data and voice network**

- One complete converged network
- Only one team required for maintenance and service
- Simplified administration
- No additional wiring for IP phones due to integrated mini-switch, enabling connection between optiPoint and PC

## **Low add-on costs**

- No changes to phone and system configuration in the event of relocation
- Printing and inlaying of paper strips is not necessary

## **Maximum investment protection**

- All terminals are compatible with Siemens HiPath 3000, HiPath 4000 and HiPath 5000 Real Time IP Systems
- Straightforward feature updates via software downloads

## **Highest level of security**

- Part of the HiPath resiliency concept, with maximum reliability, outage security and access protection

**optiPoint - especially flexible and convenient.**

## **Easy to use**

- Interactive user guidance via menu keys and display via optiGuide
- Freely programmable direct-dial keys
- Highly visible LED indicators

## **Comprehensive convenience**

- Optimum speech quality within the LAN through Quality of Service (QoS)
- Full access to all phone features of HiPath 3000, HiPath 4000 and HiPath 5000, e.g., voice mail service or unified messaging service
- Automatic display of personal key setting

## **Full flexibility**

- Upgrade via software downloads
- Can be administered via HTTP and SNMP
- Rapid configuration using plug & call
- Desk sharing through mobility feature

## **Broad selection**

- The most extensive and flexible portfolio of phones, PC/PDA clients and accessories

# optiPoint 420 - the right solution for every workstation.



## optiPoint 420 advance.

For all those seeking maximum telephoning convenience, optiPoint 420 advance is the optimum solution. Frequent phone users in particular will appreciate the expanded operating options, with a maximum number of keys for features, numbers and names. The optiGuide dialog keys enable interactive user guidance, while the large format, 4-line, back-lit graphic display, and the optional optiPoint display module make this phone especially suitable for image-critical areas, such as executive suites. The integrated USB port and modularity guarantee maximum flexibility, as well as future expandability.

- 18 self-labelling function keys with LEDs and display
- Tilting alphanumeric LCD display with 4 lines of 24 characters
- Automatic transfer of key presets when a user logs on to a desk-sharing environment
- Three dialog keys for interactive user guidance: yes, back and continue
- Two control keys (+/-) for ring volume, ring tone, attention call and display contrast
- Fully duplex hands-free loudspeaker with echo suppression for location adaptability
- Integrated headset port
- USB master port
- One optional plug-in
- Interface for optiPoint module
- Optional wall mounting kit available

## optiPoint 420 economy.

The optiPoint 420 economy is the entry model without compromise - value-for-money, but equipped with a wide range of functions. The tilting display enables viewing of the caller name and number and, with optiGuide, users have access to the full performance range of HiPath Real Time IP Systems, which assigns the five functions keys automatically. The labelling of the seven named keys can be programmed by the user via the service menu. Possible applications areas include office environments and point of sale.

## optiPoint 420 economy plus.

The optiPoint 420 economy plus model offers even more flexibility. With a 10/100 base T mini-switch and integrated headset port, it is perfectly suited for open work environments as office environments and call centers.

## optiPoint 420 standard.

optiPoint 420 standard fulfils all the requirements of a modern office workstation. Particularly suitable for all those who make more calls than most and, therefore, have higher demands. The fully duplex hands-free phone offers the highest level of voice quality, while the ability to support plug-in adapters and modules make this model easily expandable.

## Expansion to suit.

### optiPoint display module.

Easy access to a range of telephone applications is at your fingertips, thanks to the large touch screen. Choice of language, a personal address book that is voice activated, JAVA, LDAP and WAP access all offer a new dimension in IP telephony. Users can work faster and

more effectively using the search function in both personal and central directories. This can even be done via the Internet, using the optiPoint display module. The optiPoint display module is available as an option on the standard and advance models, and is recommended as a premium accessory for management environments.



### ENB (Electronic Note Book).

The electronic note book provides space for up to 640 entries. You can load comma-separated address files (CSV) from the PC (e.g., contacts from MS Outlook) to the telephone. Users can also update address files via the menu.



### LDAP.

The LDAP interface enables access to online directories and centralized address databases, thus dispensing with the need for local maintenance of company phone numbers.



### Online Help.

Online help can be installed centrally and called up using the integrated WAP browser.

## optiPoint accessories - individual solutions to suit your requirements.



CA40 EHS Firefly

Ellipse 1.8 EHS

### Cordless headset.

The cordless headset using DECT standards enables users to move freely within a large radius in order to carry out other tasks during a call. With the electronic hook switch function (EHS), in combination with the optiPoint acoustic adapter, calls signaled remotely can also be picked up and ended at the touch of a button as long as this function is supported by the associated Real Time IP System.

### Without picture Headset.

Those who prefer headsets can also connect one to their phone.



### The high-performance optiPoint adapters.

Adapters bring even more performance to optiPoint 420 phones, and are a cost-effective way to equip workstations individually with tailor-made accessories to suit individual tasks:

- **optiPoint acoustic adapter.\***  
Interface for connecting an external loudspeaker and microphone, headset or additional optical/acoustic indicator
- **optiPoint recorder adapter.\***  
Interface for connecting external recording equipment or a second handset

### optiPoint slk module.\*

The optional slk module - which matches the design of the phone - also offers the new, innovative technology enabling automatic transfer of key presets. A shift key provides for 12 additional function keys on four separate levels. Up to two optiPoint slk modules can be attached to optiPoint 420 standard and advance models.



### optiPoint signature module.\*

Increase the security of your communications with HiPath 4000 with this smart card read/write module. Only with the smart card is a user authorized to make calls. This module is also connected to the right side of the system phone, and can be combined with one additional optiPoint key module.



\* only compatible with optiPoint 420 standard and optiPoint 420 advance models

# The optiPoint 420 family at a glance.

	optiPoint 420 economy	optiPoint 420 economy plus	optiPoint 420 standard	optiPoint 420 advance
Display	2 lines	2 lines	2 lines back lit	4 lines back lit
Function keys with LEDs	12	12	12	18
optiGuide dialog keys	●	●	●	●
Ring volume keys (+/-)	●	●	●	●
System-specific tones	12	12	12	12
Polyphonic ring tones			4	4
Fully duplex hands-free			●	●
Wall mountable	●	●	●	●
Dimensions in mm (HxWxD)	79x225x220	79x225x220	79x225x220	82x225x220
Weight (kg)	0.870	0.880	0.910	0.925
Available colors arctic/mangan	● ●	● ●	● ●	● ●
<b>Protocols and codes</b>				
G.711 (64 k a/μ-law), G.723.1 (6.3 k), G.729 A/B (8k), G.722 (64k)	●	●	●	●
CorNet IP on H.323	●	●	●	●
SNMP, http, DHCP, DNS, FTP	●	●	●	●
VLAN ID setting	●	●	●	●
QoS (DIFFSERV and 802.1D)	●	●	●	●
CTI via CallBridge IP	●	●	●	●
<b>Interfaces</b>				
10/100 base T	●	●	●	●
10/100 base T mini-switch		●	●	●
optiPoint adapter/module			●	●
Headset connection 121 TR9-5/Polaris		●	●	●
USB master				●
<b>Power</b>				
A/C Power Supply	●	●	●	●
PoE IEEE 802.3af (used and unused pairs)	●	●	●	●
<b>Administration</b>				
Local	●	●	●	●
Remote via HTTP and DLS (Deployment License Server)	●	●	●	●
Feature update via FTP	●	●	●	●

# Our strengths - your gain.

With the optiPoint 420 family, Siemens is offering high-performance phones for dynamic companies with mobile users. The innovative technology for automatic transfer of key presets provides an ideal solution for desk-sharing environments.

Easy to use and highly flexible, optiPoint 420 telephones provide a wide array of convenient features bringing you the latest in communications technology. optiPoint 420 - the flexibility of tomorrow's office, today.

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