



## optiPoint 420 family Tomorrow's office flexibility, today

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 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 presents at their fingertips as soon as the log on.

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The key presets can always be modified to suit the user's specific requirements - set functions, numbers and store individual names at the touch of a button.

## The optiPoint 420 family

Features 5 different telephone models with adapters and modules to best suit your workplace needs.

Whether you are looking for a prestigious executive telephone, a conference room telephone or simply a wall-mounted telephone, you need to make only one investment.

The following telephone models are available:

- optiPoint 420 economy
- optiPoint 420 economy plus
- optiPoint 420 standard
- optiPoint 420 advance

All telephones in the optiPoint 420 family are equipped for VoIP telephony with standard voice codecs and QoS mechanisms. Voice quality on the telephone can provide better than toll-quality by using the G.722 (wideband) voice codec.

Power can be supplied either locally or via Power over Ethernet (PoE) in accordance with the IEEE 802.3af standard. Open hardware and software platforms enable future capabilities and features such as the SIP VoIP protocol.

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.

All models support Computer Telephony Integration (CTI) to improve workforce productivity.

## Overview of benefits

### Flexible

- Integrated IP telephone family to meet all the communication requirements of the modern workplace
- Modular through combination of adapters and add-on modules
- Uniform user interface and access to all features of the HiPath ComScendo software suite

### Cost savings

- Printing and inlaying of paper strips is not necessary
- Mobile user and desk sharing support
- Subscribers can easily relocate (Plug and Call)
- Remote administration
- Feature upgrades via software download
- optiPoint adapters and add-on modules supported

### Convenience

- Automatic display of personal key setting
- Straightforward, easy to manage user interface
- Excellent voice quality with G.722 wideband codec
- Accelerated workflow with CTI and optiPoint display module applications
- Supports various administration interfaces such as SNMP, HTTP, FTP, and others

## Telephones

### optiPoint 420 economy

Designed for all workplaces where convenient access to the full HiPath ComScendo feature set via the intuitive optiGuide menu is desired.

This telephone is particularly suited for subscribers who must have a display showing the caller's name and number, as in office/hotel environments etc.

- Alphanumeric LCD tiltable display with 2 lines (24 characters per line)
- 12 function keys with LEDs
- 3 dialog keys for interactive user prompts
- 2 keys (plus, minus) for setting ringer volume and ringer pitch
- Open listening
- CTI
- PoE IEEE 802.3af
- Wall-mountable



## optiPoint 420 economy plus

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.

- Alphanumeric LCD tiltable display with 2 lines (24 characters per line)
- 12 function keys with LEDs
- 3 dialog keys for interactive user prompts
- 2 keys (plus, minus) for setting ringer volume and ringer pitch
- Open listening
- 10/100 Mbit/s mini switch
- 1 headset connection (121TR9-5/Polaris)
- CTI
- PoE IEEE 802.3af
- Wall-mountable

## optiPoint 420 standard

Full duplex hands-free speakerphone with modules and adapters support provides the business user with modern conveniences.

These functions are especially useful in the enterprise office environment, call centers or conference rooms.

- Backlit alphanumeric LCD tiltable display with 2 lines (24 characters per line)
- 12 function keys with LEDs
- 3 dialog keys for interactive user prompts
- 2 keys (plus, minus) for setting ringer volume and ringer pitch
- Full duplex hands-free speaker phone
- 2 adapter slot
- optiPoint display module support
- 10/100Mb mini-switch
- 1 interface for up to 2 add-on devices
- 1 headset connection (121TR9-5/Polaris)
- CTI
- PoE IEEE 802.3af
- Wall-mountable

## optiPoint 420 advance

In conjunction with the optiPoint display module, this four line display telephone is particularly suitable for use in management offices, conference rooms and luxury hotel rooms.

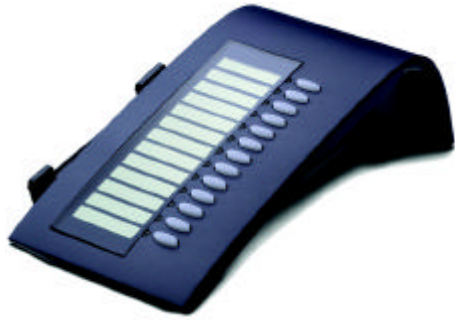
- Backlit, graphic LCD tiltable display with 4 lines (24 characters per line)
- 19 function keys with LEDs
- 3 dialog keys for interactive user prompts
- 2 keys (plus, minus) for setting ringer volume and ringer pitch
- Full duplex hands-free speaker phone
- 1 adapter slot
- 1 USB master port
- optiPoint display module support
- 10/100Mb mini-switch
- 1 interface for up to 2 add-on devices
- 1 headset connection (121TR9-5/Polaris)
- CTI
- PoE IEEE 802.3af
- Wall-mountable



## optiPoint slk module

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

- 13 function keys with LEDs



## optiPoint display module

The optiPoint 420 display module is the ideal enhancement to the optiPoint 420 standard and optiPoint 420 advance models.

Information from LDAP directories or online services can be accessed effortlessly with the large touchscreen.

- Large backlit graphic tiltable touchscreen greyscale display with 320 x 240 pixels
- 5 navigation keys
- 1 voice dial selection key
- 1 menu key
- virtual keyboard



## Applications

The following applications are currently available via the optiPoint display module:

### ENB (Electronic Notebook)

The electronic notebook stores up to 640 entries. Address data (such as MS Outlook contacts) can be downloaded from the PC as comma-separated files. Menu prompts enable the user to update the addresses.

### WAP browser

The integrated WAP browser offers quick access to online data from the Intranet and Internet.

### Voice dialing

Voice dialing can be enabled directly by pressing the voice dialing key (push-to-talk). Up to 20 entries with a voice recording can be saved in the ENB.

### LDAP

Online directories or central address databases can be accessed via the LDAP interface. This reduces costs associated with maintenance of multiple company telephone directories and allows users to find and dial others with minimal effort.

### Online help

Online help can be accessed via the WAP browser. The online help for this purpose is stored at a single central location in the company network.

## JAVA Applications

A JAVA Virtual Machine (VM) makes the use of JAVA Applications on the optiPoint display module possible. The provision of a JAVA Development Kit (JDK) allows the generation of customer specific JAVA applications to improve desktop productivity.

The following JAVA applications are currently available:

- Virtual Key Module  
40 freely programmable speed dial keys expands functionality of the phone without additional hardware
- Resource-Sharing  
Keyboard of the PC can be used for editing alphanumeric entries on the optiPoint display module.

## Adapters and add-on devices

The optiPoint family's innovative adapter and add-on device concept enables on the spot modifications to specific workplace requirements without replacing the endpoint

Conference room requirements, for example, can be met by the optiPoint acoustic adapter combined with an external microphone and loudspeakers.

Additional line/function keys are also supported on the optiPoint 420 standard and optiPoint 420 advance and can be provided either by the 16 key optiPoint key module or the 90 Key BLF.

# Features

	optiPoint 420 economy	optiPoint 420 economy plus	optiPoint 420 standard	optiPoint 420 advance
<b>General</b>				
Display	2 lines	2 lines	2 lines, backlit	4 lines, backlit
Function keys with Display and LEDs	12	12	12	18
optiGuide dialog keys	•	•	•	•
Ringer volume(plus, minus)	•	•	•	•
System-specific tones	12	12	12	12
Polyphonic ring tones			4	4
Full duplex hands-free			•	•
Wall-mountables	•	•	•	•
Dimensions in mm (HxBxT)	79x225x220	79x225x220	79x225x220	82x225x220
Weight (kg)	0,870	0,880	0,910	0,925
<b>Protocols and codecs</b>				
G.711 (64 k a/μ-law)	•	•	•	•
G.723.1 (6,3 k), G.729 A/B (8k), G.722 (64k) <sup>3)</sup>				
CorNet IP based 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		•	•	•
Headset port 121 TR9-5/Polaris		•	•	•
USB master port				•
<b>Power supply</b>				
Power supply unit	•	•	•	•
PoE IEEE 802.3af (used and unused pairs)	•	•	•	•
<b>Adapters</b>				
Acoustic adapter			•	•
Recorder adapter			•	•
<b>Modules</b>				
optiPoint key module			•	•
optiPoint SLK module			•	•
optiPoint signature module <sup>1)</sup>			• <sup>1)</sup>	• <sup>1)</sup>
optiPoint BLF <sup>2)</sup>			• <sup>2)</sup>	• <sup>2)</sup>
optiPoint display module			•	•
<b>Administration</b>				
Local	•	•	•	•
Remote via http	•	•	•	•
Remote via Field Deployment Server (DLS)	•	•	•	•
Feature update via FTP	•	•	•	•
<b>System support</b>				
HiPath 3000 V5.0	•	•	•	•
HiPath 4000 V2.0	•	•	•	•
<sup>1)</sup> on HiPath 4000 V2.0; <sup>2)</sup> on HiPath 3000 V5.0				

# Our strengths - Your advantages

Siemens is known worldwide as a trailblazer in the advancement of information and communication technologies. No other company offers such a comprehensive and innovative product portfolio.

Regardless of which communication technology you are using today – or want to use tomorrow – Siemens offers you the right solution.

[www.siemens.com/hipath](http://www.siemens.com/hipath)

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