

Documentation

optiPoint 150 S

Operating Instructions



Communication for the open minded

Siemens Enterprise Communications
www.siemens.com/open

SIEMENS

Safety Precautions

For Your Safety

The optiPoint 150 S IP phone conforms to the European standard EN 60 950 which governs the safety of information technology equipment including electronic office equipment. This device has been designed with safety in mind, thus protecting both individuals and objects.

There is always the danger of small objects being swallowed by young children. In the case of optiPoint 150 S, this applies in particular to the connecting cord clip.

Please make sure that such items are not accessible to children.

- Use only the enclosed power supply together with the special LAN cable.
- Never open the power supply enclosure.




Protecting Your Telephone

- The telephone must not be used in bathrooms, etc. as it is not splash-proof.
- Before connecting or disconnecting the LAN cable, disconnect the power plug from the wall outlet first.
- Never allow the device to come into contact with staining or aggressive liquids, such as, coffee, tea, juice, or soft drinks.

Choosing the Installation Location

- The telephone should be operated in a controlled environment with an ambient temperature between 5°C and 40°C (41°F and 104°F).
- Do not install the telephone in a room where large quantities of dust accumulate; this can considerably reduce the service life of the telephone.
- Do not expose the telephone to direct sunlight or any other source of heat, as this is liable to damage the electronic equipment and the plastic casing.
- Do not operate the telephone in damp environments such as bathrooms.

Important Information

	Do not operate the telephone in environments where there is a danger of explosions.
	Use only original Siemens accessories. The use of other accessories is dangerous and will invalidate the warranty and the CE mark.
	Never open the telephone or a key module. In the event of problems, consult your service personnel.

The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

Marks



The device conforms to the EU directive 1999/5/EC, as attested by the CE marking.



This device has been manufactured in accordance with a certified environmental management system (ISO 14001). This process ensures that energy consumption and the use of primary raw materials are kept to a minimum, thus reducing waste production.



All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.

For detailed information about disposal of your old appliance, please contact your city office, waste disposal service, the shop where you purchased the product or your sales representative.

The statements quoted above are only fully valid for equipment which is installed and sold in the countries of the European Union and is covered by the directive 2002/96/EC. Countries outside the European Union may have other regulations regarding the disposal of electrical and electronic equipment.

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General Information

About These Operating Instructions

These operating instructions will help you get to know the optiPoint 150 S and use its functions. The instructions contain important information for safe and proper operation of the optiPoint 150 S. Follow them carefully to avoid improper operation and get the most out of your multi-function telephone in a network environment.

Everybody involved in installing, operating or programming the optiPoint 150 S must read these operating instructions.



For your own protection, please carefully read the section on safety. Follow the safety instructions carefully in order to avoid endangering yourself or other persons and to prevent damage to the unit.

The layout of this operating manual is extremely user-friendly. You will be guided through operation of the optiPoint 150 S step by step – starting with a description of simple basic functions, through configuration of all operating parameters to a description of the additional features.

You can configure the telephone in two ways:

- locally at the telephone, see → page 29
- via remote maintenance over LAN, see → page 36

Administrative tasks are described in a separate manual. The quick reference guide is meant to give you quick and reliable explanations regarding frequently used functions.

Intended Use

The optiPoint 150 S telephone is a desktop unit designed for voice transmission and for connection to a LAN. It can be operated also as a stand-alone unit. Any other use is regarded as not prescribed.

Product Identification

The properties of the telephone – exact product name and serial number – are displayed on the nameplate on the underside of the telephone. Please have these at hand when you contact our Service department regarding problems or defects on the unit itself.

Echo Effect

In some cases, while using the telephone you may hear an echo, which can be quite strong. This is not due to any design defect or other fault with your IP telephone, but is caused by the other client. For example, if the echo occurs during a teleconference, it may be that the speakers and microphones need to be repositioned.

Service



The Siemens Service department can only help you with problems or defects on the unit itself. Should you have any questions regarding the operation, your specialist retailer or network administrator will gladly help you. For any questions regarding the telephone connection, please contact your network provider.

In the event of any trouble or defects on the unit itself, please dial the service number for your country.

Information and Icons

Safety

Information regarding the prevention of injury or damage is highlighted, as it contains important instructions on how to use the unit correctly.



This symbol indicates a hazard. Failure to follow the instructions given may result in injury or in damage to the unit.



Key information important for the proper use of the telephone

Availability of Features

Your optiPoint 150 S can be operated on the following communication platforms:

- HiPath 2000
- HiPath 3000
- HiPath 4000
- HiPath 5000
- HiPath OpenScape Voice
- Broadsoft
- Sylantro
- HiPath OpenOffice

General feature availability cannot be guaranteed for the communication platforms listed above. A number of the functions described here may not be available or may be restricted in scope depending on the communication platform used. Contact the service personnel for information on the features available on your communication platform or refer to the relevant platform documentation.

As a rule, optiPoint 150 S can also operate at a DSL router in connection with offerings from other VoIP providers. However, the feature scope described in this operating manual cannot be guaranteed in this case by the telephone's manufacturer. Even though optiPoint 150 S is fully compatible with general SIP standards, some of the functions described here may not be supported in view of the varying range of functions available from other VoIP providers and the number different network configurations implemented.

If a particular function on your phone is not available to you, this may be due to one of the following:

- Your VoIP provider is not offering the feature.
You will find an actual overview of available features from several VoIP provider under <http://wiki.siemens-enterprise.com/>.
If your VoIP provider is not listed, please contact the support of your VoIP provider.
- The function is not configured for you or your telephone.
Please contact your system support representative or apply to the administration documentation.
- Your communications platform does not feature this function.
Please contact your system support representative or apply to the administration documentation.

An overview of RFC standards that are compatible with optiPoint 150 S is provided at the back of this manual, see → page 57.

Reference to Operating Steps

The following icons are used to indicate the various operating steps:



Operation on the optiPoint 150 S, see → page 29.

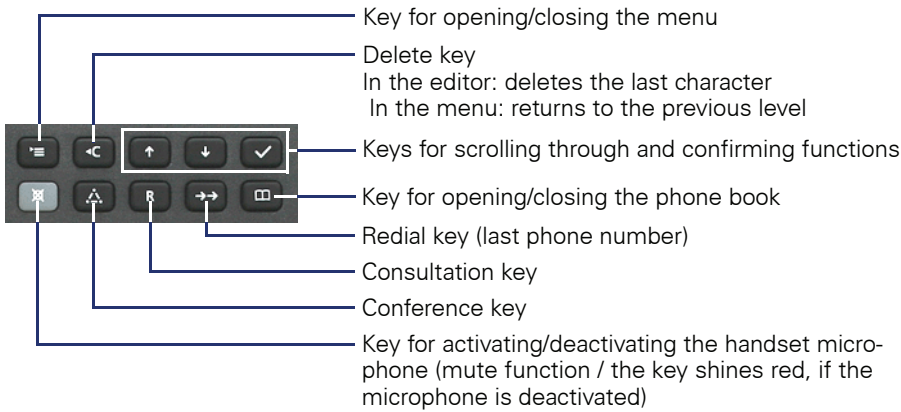


Operation via the Web-based Management Tool, see → page 36.

Control Elements



function keys



Step by Step

Making Calls – Basic Functions

Accepting Calls

Answering a Call Using the Handset

The telephone rings. The caller's number is displayed.

The caller's name is also displayed if it is stored in the phone book.



Lift the handset.

Open Listening in the Room During a Call



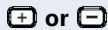
You are conducting a call.



Press this key. The (red) LED lights up. The call is switched to loudspeaker.



Inform the party at the other end of the line that you are switching to loudspeaker.



Adjust the volume. To raise or lower the volume, keep pressing the keys until the desired volume is set.

For an alternative method of adjusting the loudspeaker's receiving volume, see → page 45.

Deactivating the loudspeaker



Press this key. The (red) LED goes out.

Deactivating the Microphone



You are conducting a call.



Press this key. The (red) LED lights up. The microphone is deactivated.

Activating the microphone



Press this key. The (red) LED goes out. The microphone is activated.

Step by Step

Dialing/Making Calls

Dialing a Number


Off-hook dialing



Lift the handset.



Enter the phone number.

if necessary 

Press this key to delete the last digit.

or 

Press this key. The number is dialed.

or

Wait for dialing to start automatically.




If the phone number is stored in the phone book, the corresponding name is displayed on the second line.

On-hook dialing



Enter the phone number.

if necessary 

Press this key to delete the last digit.



Lift the handset. The number is dialed.



If the phone number is stored in the phone book, the corresponding name is displayed on the second line.

Step by Step

Redialing a Number

Off-hook dialing



Lift the handset.



Press this key to dial the last number dialed. The number is immediately dialed.

On-hook dialing



Press this key to display the last number dialed.



Lift the handset. The number is dialed.

Ending a Call



Replace the handset.

Step by Step

Telephone Settings

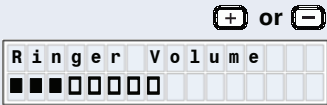
Adjusting the Ringer Volume

For a detailed explanation, see → page 47.

Press one of these keys while the phone is idle.

Press **[+]** or **[-]** until you have set the volume you require.

The setting is automatically saved.



Adjusting the Handset Volume

For a detailed explanation, see → page 44.

Press one of the keys while the handset is off hook.

Press **[+]** or **[-]** until you have set the volume you require.

The setting is automatically saved.



Adjusting the Speaker Volume

For a detailed explanation, see → page 45.

Press one of the keys while the loudspeaker is active (for example, in open listening mode during a call).

Press **[+]** or **[-]** until you have set the volume you require.

The setting is automatically saved.




Step by Step

Making Calls – Enhanced Functions

Accepting Calls

Call Waiting

 The "Call Waiting" feature must be activated, see → page 43.

Prerequisite: You are conducting a call and hear a tone.

Ending the first call and answering the waiting call:




Replace the handset. Your telephone rings.





Answer the second call. Lift the handset.

Placing the first call on hold and answering the second call

3	2	3	4	9	3	4	0								
A	n	s	w	e	r			C	a	l	l	?			

if necessary 

Press  or  to accept the waiting call. The first call is placed on hold.

Press this key to switch or toggle between the two callers.

Step by Step

1	3	:	5	5		2	8	.	1	0	.	0	5			
2						m	i	s	s	e	d	C	a	l	l	s

0	2	=	K	a	r	l		M	a	y	e	r				
0	8	:	0	4	p	m		0	2	.	1	4	.			



or

0	2	=	K	a	r	l		M	a	y	e	r				
0	8	:	0	4	p	m		0	2	.	1	4	.			



Dialing/Making Calls

Using the Call Log

Calling back a missed call

Any missed calls are displayed on the second line of the display when the telephone is idle.

Press or to select the missed call you want to call back.

Lift the handset. The number is dialed.

You can select extra options if you access the call logs → page 25.

Redialing a previously dialed number

Prerequisite: Only possible when there are no missed calls.

Press this key to display a list of the last numbers dialed.

Press or to select the number you want to redial.

Lift the handset. The number is dialed.

You can select extra options if you access the call logs → page 26.

Step by Step

Dialing from the Phone Book

Prerequisite: The phone book must contain entries, see → page 22.

Off-Hook Dialing



Press this key.

A	d	a	m		G	r	e	e	n										
2	2	9	3	0	9	4	4	5											

Press to select the number you want to call. The name is displayed on the first line and the phone number on the second.



Press the digit keys to enter the first letters of the subscriber's name. For more information on character input, see → page 52.

P	e	t	e	r		J	o	h	n	s	o	n							
2	8	8	3	0	4	2	8	3											

Press to confirm your selection. The number is dialed.

On-Hook Dialing



Press this key.

A	d	a	m		G	r	e	e	n										
2	2	9	3	0	9	4	4	5											

Press to select the number you want to call. The name is displayed on the first line and the phone number on the second.



Press the digit keys to enter the first letters of the subscriber's name. For more information on character input, see → page 52.




Lift the handset. The number is dialed.

Step by Step

During a Call

3-Way Conference

 The "3-Way Conference" feature must be activated, see → page 42.

In a conference call, you can talk to as many as two other parties at the same time.

Prerequisite: You are conducting a call.




Press this key.

D	i	a	l		N	u	m	b	e	r									
3	2	3	4	9	3	4	0	_											




Press this key. You are connected to both subscribers.

3	2	3	4	9	3	4													
C	o	n	f	e	r	e	n	c	e							0	5	:	0

Press  to scroll through the list of participants. The subscribers and the time they joined the conference are shown on the display.

Call Transfer

 The "Call Transfer" feature must be activated, see → page 43.

If the person you are speaking to wants to talk to another colleague of yours, you can transfer the call that colleague.

Quick Transfer (Unscreened Transfer)

Prerequisite: You are conducting a call.



Press this key.

D	i	a	l		N	u	m	b	e	r									
3	2	3	4	9	3	4	0	_											



Replace the handset. The call is transferred.

If the other subscriber is busy or does not answer, your telephone is called back after a certain interval. When you lift the receiver, you are reconnected to the party on hold.

Step by Step

Screened transfer

Prerequisite: You are conducting a call.



Press this key.

D	i	a	l		N	u	m	b	e	r									
3	2	3	4	9	3	4	0	_											

Enter the other subscriber's number.




Announce the call.



Replace the handset. The call is transferred.

Step by Step

Park-Service (Only for Sylantro)

 The Park service must be configured in the administration system. Contact the service personnel for your user name and password.

Details on configuring the Park Service and the default values for the administration account can be found in the optiPoint 150 S Administration Manual at:

<http://www.enterprise-communications.siemens.com>

Call Park

You can use the Park Service to park an active call on a park server (ask service personnel for mor details). After the call has been parked, it is disconnected from your telephone ans is available for pickup.

The call can be picked up by you or any other user from any other telephone.

Park Position


Park Service manages multiple parked calls simultaneously. Each parked call is identified by a particular park position. The park position is numerical and can consist of a combination of digits from 0001 to 9999 (ask service personel for more details).

The park position should not be a proper telephone number and is not therefore checked by the dial plan.

Invoking Park Service

You can only invoke the Park Service option if you are conducting a call or if you have placed a call on hold. You cannot park a local or central conference call.

Parking a Call

 You are conducting a call or have placed a call on hold.

Enter feature access code (e. g. *980024#).

The call is parked. Make a note of the park position.



Step by Step



Call Pickup

You can only invoke Call Pickup if you hear a dial tone when you seized the line.

Picking up a Parked Call

Lift the handset.

Enter feature access code (e. g. *990024# for the parked call with the park position 0024).

The call is picked up and you are connected to the previously parked party.

Step by Step

Editing the Phone Book

You can save, edit, and delete names and telephone numbers in a phone book. You can also transfer phone numbers from call logs → page 27.

Adding an Entry to a Phone Book



Press this key.

N	o	E	n	t	r	i	e	s							
C	r	e	a	t	e	E	n	t	r	y	?				

If there are no entries, press to confirm your selection.

or

A	d	a	m	G	r	e	e	n							
2	2	9	3	0	9	4	4	5							

The first entry (name and phone number) is displayed. Press to confirm your selection.

P	h	o	n	e	B	o	o	k							
1	.	N	e	w	E	n	t	r	y						

Press to confirm your selection.

N	a	m	e	:											> A b c
P	e	t	e	r	_										

Enter the name. For more information on character input, see → page 52. Press to confirm your selection.

N	u	m	b	e	r	:									
2	8	8	3	0	4	_									

Enter the phone number. Press to confirm your selection.

P	e	t	e	r	J	o	h	n	s	e	n				
S	a	v	e	d											

The entry is saved in the phone book.

Step by Step

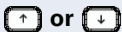
Editing a Telephone Book Entry



Press this key.

A	d	a	m		G	r	e	e	n										
2	2	9	3	0	9	4	4	5											

The first entry (name and phone number) is displayed.



Press these keys to scroll through the phone book list.



Press the digit keys to enter the first letters of the subscriber's name. For more information on character input, see → page 52.

P	e	t	e	r		J	o	h	n	s	o	n							
2	8	8	3	0	4	2	8	3											

The entry you want to delete is displayed.

Press to confirm your selection.

P	h	o	n	e		B	o	o	k										
2	.	E	d	i	t		E	n	t	r	y								

Use to scroll to the function displayed and press to confirm it.

N	a	m	e	:															
P	e	t	e	r		J	e	f	f	e	r	s	o	n					

Edit the name. For more information on character input, see → page 52.

Press to confirm your selection.

N	u	m	b	e	r	:													
2	8	8	3	0	3	4	0	_											

Edit the phone number. Press to confirm your selection.

P	e	t	e	r		J	e	f	f	e	r	s	o	n					
S	a	v	e	d															

Your changes to the phone book entry are saved.

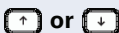
Step by Step



Press this key.

[illegible]

The first entry (name and phone number) is displayed.




Press these keys to scroll through the phone book list.




Press the digit keys to enter the first letters of the subscriber's name. For more information on character input, see → page 52.

[illegible]


The entry you want to delete is displayed.

Press  to confirm your selection.

P	h	o	n	e	B	o	o	k						
3	.	D	e	l	e	t	e	E	n	t	r	y		↕


Use  to scroll to a function and press  to confirm it.

Delete									
OK?									

Press  to confirm your selection. The phone book entry is permanently deleted.

Deleting all Phone Book Entries



 This function permanently deletes all phone book entries.



Press this key.

[illegible]

The first entry (name and phone number) is displayed.


Press  to confirm your selection.

P	h	o	n	e		B	o	o	k						
4	.	D	e	l	e	t	e		A	l	l				↕

Use  to scroll to a function and press  to confirm

it.

[illegible]


Press  to confirm your selection. All phone book entries are permanently deleted.

Step by Step


Using the Call Log

All calls are recorded in call logs. The following call types are saved in different call logs:

- missed calls (not received)
- received calls
- dialed numbers

 You can also edit call log entries via the Web-Based Management tool, see → page 43.

Displaying Missed Calls

 Press this key.


M	a	i	n		M	e	n	u											
1	.	C	a	l	l		L	o	g										

Press  to confirm your selection.


C	a	l	l		L	o	g												
1	.	M	i	s	s	e	d												

Press  to confirm your selection.


0	2	=	2	2	2	8	7	5	8	8									
1	0	:	0	4				2	8	.	1	0	.						

If several entries are available, press  to select the required entry. The caller's phone number is displayed on the first line; the time and the date of the missed call is displayed on the second line.



Displaying Received Calls

 Press this key.


M	a	i	n		M	e	n	u											
1	.	C	a	l	l		L	o	g										

Press  to confirm your selection.

C	a	l	l		L	o	g												
2	.	R	e	c	e	i	v	e	d										

Use  to scroll to a function and press  to confirm it.

0	4	=	2	8	8	3	7	4	5	6									
1	8	:	3	3				2	8	.	1	0	.						

If several entries are available, press  to select the required entry. The caller's phone number is displayed in the first line; the time and the date of the call is displayed in the second line.

Step by Step

Displaying Dialed Numbers



Press this key.

M	a	i	n	M	e	n	u										
1	.	C	a	l	l	L	o	g									↓

Press to confirm your selection.

C	a	l	l	L	o	g											
3	.	D	i	a	l	e	d	N	o	s	.						↕

Use to scroll to a function and press to confirm it.

0	3	=	1	8	8	2	9	3	0	5	4						
1	2	:	0	7					2	8	.	1	0	.			↕

If several entries are available, press to select the required entry. The dialed phone number is displayed on the first line; the time and the date that the number was dialed is displayed on the second line.

Dialing a Phone Number from the Call Log

You can select an entry in any call log to dial the corresponding phone number. This is illustrated in the following using a missed call as an example.



Press this key.

M	a	i	n	M	e	n	u										
1	.	C	a	l	l	L	o	g									↓

Press to confirm your selection.

C	a	l	l	L	o	g											
1	.	M	i	s	s	e	d										↓

Press to confirm your selection.

0	2	=	2	2	2	8	7	5	8	8							
1	0	:	0	4					2	8	.	1	0	.			↕

If several entries are available, press to select the required entry.



Lift the handset. The number is dialed.

Step by Step

Transferring a Phone Number to the Phone Book

You can select an entry in any call log and transfer the corresponding phone number to the phone book. This is illustrated in the following using a missed call as an example.



Press this key.

M	a	i	n		M	e	n	u											
1	.	C	a	l	l		L	o	g										

Press to confirm your selection.

C	a	l	l		L	o	g												
1	.	M	i	s	s	e	d												

Press to confirm your selection.

0	2	=	2	2	2	8	7	5	8	8									
1	0	:	0	4							2	8	.	1	0	.			

If several entries are available, press to select the required entry. Press to confirm your selection.

0	2	=	2	2	2	8	7	5	8	8									
1	.	S	a	v	e		t	o		D	i	r	.						

Press to confirm your selection.

To complete the process, proceed as described for editing a phone book entry → page 23.

Deleting a Phone Number from the Call Log

You can delete individual entries from call logs. This is illustrated in the following using a missed call as an example.



Press this key.

M	a	i	n		M	e	n	u											
1	.	C	a	l	l		L	o	g										

Press to confirm your selection.

C	a	l	l		L	o	g												
1	.	M	i	s	s	e	d												

Press to confirm your selection.

0	2	=	2	2	2	8	7	5	8	8									
1	0	:	0	4							2	8	.	1	0	.			


If several entries are available, press to select the required entry. Press to confirm your selection.

0	2	=	2	2	2	8	7	5	8	8									
2	.	D	e	l	e	t	e												

Use to scroll to a function and press to confirm it.

Step by Step


Deleting Entries in All Call Logs

 This function permanently deletes all entries in all call logs.





Press this key.


M	a	i	n	M	e	n	u										
1	.	C	a	l	l	L	o	g									

Press  to confirm your selection.


C	a	l	l	L	o	g											
4	.	D	e	l	e	t	e	A	l	l							

Use  to scroll to a function and press  to confirm it.

D	e	l	e	t	e	A	l	l									
O	K	?															

Press  to confirm your selection.

Accessing the Voice Mail

 A voice mail server must be configured for this purpose. If you have any questions or problems, contact the relevant service personnel.

How to enter a voice mail destination number is described on → page 34.



Press this key.

M	a	i	n	M	e	n	u										
2	.	V	o	i	c	e	M	a	i	l							

Press  to make a selection.



Lift the handset. The voice mail server is dialed. You can listen to saved voice messages.

Step by Step

Configuration

Configuring Call Forwarding

You can configure call forwarding for the following scenarios:

- no answer (CFNR)
- on busy
- always (unconditional)

You can activate/deactivate forwarding and configure a forwarding destination for each scenario.

The following describes how to configure forwarding on busy. The same procedure is used for both of the other forwarding types.

Activating and Deactivating Forwarding



Press this key.

M	a	i	n		M	e	n	u											
3	.	F	o	r	w	a	r	d											

Use to scroll to a function and press to confirm it.

1	.	N	o		A	n	s	w	e	r									
0	f	f																	

The current status of the forwarding type is indicated. For a detailed explanation, see → page 42.

or

2	.	O	n		B	u	s	y											
0	f	f																	

Press to make a selection. For a detailed explanation, see → page 42.

or

3	.	A	l	w	a	y	s												
0	f	f																	

Press to make a selection. For a detailed explanation, see → page 42.

3	.	A	l	w	a	y	s												
0	n																		

Press to activate unconditional forwarding.

if necessary

Press this key repeatedly to toggle the options once again.

Step by Step

Configuring Forwarding Destinations

Example: forwarding on busy



Press this key.

M	a	i	n	M	e	n	u								
3	.	F	o	r	w	a	r	d							

Use to scroll to the function displayed and press to confirm it.

2	.	F	o	r	w	a	r	d	t	o					
2	2	2	8	7	5	8	8								

Press to make a selection. If a destination has already been configured for forwarding on busy, this is indicated on the display. Press to confirm your selection.

E	d	i	t	:											
2	2	2	8	7	5	8	8	_							

The cursor is positioned at the end of the destination number.



Press this key to delete digits.



Enter digits via the keypad.



Confirm to save your changes.

Activating and Deactivating Don't Disturb



Press this key.

M	a	i	n	M	e	n	u								
4	.	D	o	n	'	t	d	i	s	t	u	r	b		

Use to scroll to the function displayed and press to confirm it.

D	o	n	'	t	d	i	s	t	u	r	b				
O	n														

The current status of this feature is indicated.

D	o	n	'	t	d	i	s	t	u	r	b				
O	f	f													

Press to deactivate this feature.

if necessary

Press this key repeatedly to toggle the options once again.

Step by Step

Configuring Properties

Configuring the Date Format

For a detailed explanation, see → page 44



Press this key.

M	a	i	n		M	e	n	u							
5	.	S	e	t	u	p									

Use to scroll to the function displayed and press to confirm it.

S	e	t	u	p											
1	.	U	s	e	r		S	e	t	t	i	n	g	s	

Press to confirm your selection.

1	.	D	a	t	e		F	o	r	m	a	t			
M	M	.	D	D	.	Y	Y								

The current format is displayed. A date may be displayed in the following format, for instance: "10.28.05". Press to confirm your selection.

1	.	D	a	t	e		F	o	r	m	a	t			
M	o	d	i	f	y	?									

Press to confirm your selection.

1	.	D	a	t	e		F	o	r	m	a	t			
Y	Y	.	M	M	.	D	D								

Press to make a selection. A date is now displayed in the following format, for example: "05.10.28".

or

1	.	D	a	t	e		F	o	r	m	a	t			
D	D	.	M	M	.	Y	Y								

Press to make a selection. A date is now displayed in the following format, for example: "28.10.05".

if necessary or

Press these keys to switch between the options.



Confirm to save your changes.

Step by Step

Configuring the Time Format

For a detailed explanation, see → page 47.



Press this key.

M	a	i	n	M	e	n	u										
5	.	S	e	t	u	p											

Use to scroll to the function displayed and press to confirm it.

S	e	t	u	p														
1	.	U	s	e	r	S	e	t	t	i	n	g	s					

Press to confirm your selection.

2	.	T	i	m	e	F	o	r	m	a	t							
1	2			H	o	u	r	(s)								

Press to make a selection. The current format is displayed. The time is displayed in the following format, for example: "02:36pm".

2	.	T	i	m	e	F	o	r	m	a	t							
2	4			H	o	u	r	(s)								

Press .
The time is displayed in the following format, for example: "14:36".

if necessary or

Press these keys to switch between the options.



Confirm to save your changes.

Setting a Language

For a detailed explanation, see → page 45.



Press this key.

M	a	i	n	M	e	n	u										
5	.	S	e	t	u	p											

Use to scroll to the function displayed and press to confirm it.

S	e	t	u	p														
1	.	U	s	e	r	S	e	t	t	i	n	g	s					

Press to confirm your selection.

3	.	L	a	n	g	u	a	g	e									
E	n	g	l	i	s	h												

Press to make a selection. The current language is displayed. Press to confirm your selection.



3	.	L	a	n	g	u	a	g	e									
M	o	d	i	f	y	?												

Press to confirm your selection.

3	.	L	a	n	g	u	a	g	e									
G	e	r	m	a	n													

Press to make a selection. The language is changed to German.

Step by Step

if necessary  or 

Press these keys to switch between the options.



Confirm to save your changes.



Setting a Country

For a detailed explanation, see → page 43.



Press this key.



M	a	i	n		M	e	n	u											
5	.	S	e	t	u	p													

Use  to scroll to the function displayed and press  to confirm it.

S	e	t	u	p																
1	.	U	s	e	r		S	e	t	t	i	n	g	s						

Press  to confirm your selection.

4	.	C	o	u	n	t	r	y											
G	e	r	m	a	n	y													

Press  to make a selection. The current country is displayed. Press  to confirm your selection.

4	.	C	o	u	n	t	r	y											
M	o	d	i	f	y	?													

Press  to confirm your selection.

4	.	C	o	u	n	t	r	y											
U	S																		

Press  to make a selection. The country is set to US.

if necessary  or 

Press these keys to switch to further options.



Confirm to save your changes.


Setting the Ringer

For a detailed explanation, see → page 47



Press this key.



M	a	i	n		M	e	n	u											
5	.	S	e	t	u	p													

Use  to scroll to the function displayed and press  to confirm it.

S	e	t	u	p																
1	.	U	s	e	r		S	e	t	t	i	n	g	s						


Press  to confirm your selection.

5	.	R	i	n	g	e	r												
M	e	l	o	d	y		1												


Press  to make a selection. The current ringer is displayed. Press  to confirm your selection.



Step by Step

5	.	R	i	n	g	e	r												
M	o	d	i	f	y	?													

Press  to confirm your selection.

5	.	R	i	n	g	e	r												
M	e	l	o	d	y	1													

Press  to make a selection. The ringer is set to "Melody 1".

if necessary  or 

Press these keys to switch between the options.





Confirm to save your changes.

Configuring Voice Mail



Press this key.



M	a	i	n		M	e	n	u											
5	.	S	e	t	u	p													

Use  to scroll to the function displayed and press  to confirm it.

S	e	t	u	p																
1	.	U	s	e	r		S	e	t	t	i	n	g	s						

Press  to confirm your selection.

6	.	V	o	i	c	e		M	a	i	l								
2	2	2	8	1	0	0	1												

Press  to make a selection. The current voice mail destination number is displayed. Press  to confirm your selection.

E	d	i	t	:															
2	2	2	8	1	0	0	1												

The cursor is positioned at the end of the voice mail destination number.



Press this key to delete digits.



Enter digits via the keypad.



Confirm to save your changes.

Step by Step

Displaying the Current Status

For a detailed explanation, see → page 45.



Press this key.

M	a	i	n		m	e	n	u											
6	.	S	t	a	t	u	s												

Use to scroll to the function displayed and press to confirm it.

1	.	M	A	C		A	d	d	r	e	s	s							
0	0	9	0	9	6	-	1	1	2	2	3	3							

The device's MAC address is displayed.

2	.	I	P		A	d	d	r	e	s	s								
0	1	0	.	0	0	1	.	0	2	9	.	1	6	7					

Press to make a selection. The current IP address is displayed.

3	.	V	e	r	s	i	o	n											
0	0	0	1	/	0	0	0	1	/	0	1								

Press to make a selection. The current software versions are displayed.

The xxxx/yyyy/zz syntax corresponds to:

xxxx = boot loader version

yyyy = application version

zz = hardware version

4	.	P	h	o	n	e		N	u	m	b	e	r						
0	5	0	9	9	9	9	1	0	0	1									

Press to make a selection. The current telephone number is displayed.

home

logout

Clear

Save

Login

Timer(s): 12

20 ms


On

none

Web-Based Management Tool

General Information

optiPoint 150 S is equipped with a Web server, which enables information from the telephone to be mapped to a Web browser on a PC integrated into the LAN (Web-based Management Tool).

 The IP data for the optiPoint 150 S and the PC must be configured correctly for this.

The Wed-based Management Tool contains the following form elements:

- Click this link to obtain information about your optiPoint 150 S, see → page 38.
- Click this link to access the home page, see → page 37.
- Click **Clear** to reset the changes in the current form to the former optiPoint 150 S values.
- Click **Save** to incorporate the changes into the current form. This transfers the changes to the optiPoint 150 S.
- Click this button to perform an action (such as, **Confirm, Delete, Edit, Add, Delete All** or **Browse**).
- Enter a value in the input field.
- Select an entry from the list field.
- Select the relevant option radio button.
- Activate a checkbox to enable or disable a function.

Preparatory Steps

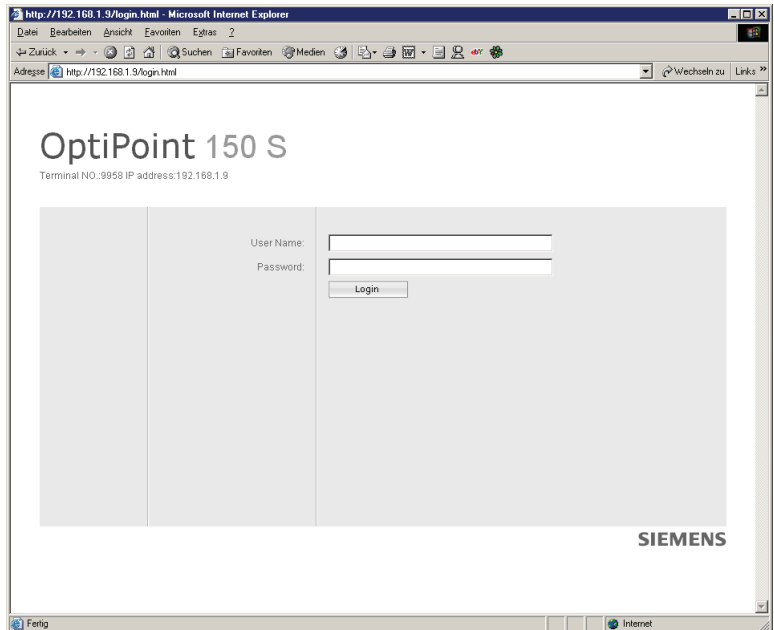
Opening the Home Page

To invoke the interface, open a Web browser and enter the following URL:


http://[telephone IP]

Here, [telephone IP] is the IP address of the optiPoint 150 S you want to map.

The home page appears:



User Setup Dialog

 The user setup dialog must be configured in the system. Contact the service personnel for your user name and password.

Details on configuring a user account and the default values for the administration account can be found in the optiPoint 150 S Administration Manual at:


<http://www.enterprise-communications.siemens.com>

1. Enter your user name for the user setup dialog in the **User Name** field, see → page 48.
2. Enter your user password in the **Password** field, see → page 46.
3. Click **Login**.

Structure

- User Setup → page 39
 - Localization → page 39
 - Call Features → page 39
 - Audio Settings → page 39
- Utilities → page 40
 - Phone Book → page 40
 - Call Logs → page 40
 - Backup Settings → page 41
 - System → page 41

Information

 Click a field in one of the interface images to obtain more information about the field.

Information

System Up Time:	0 days, 0h 50m 47s
NTP Time:	15:29 21/03/2006 (GMT+1) DST
IP Address:	192.168.1.9 (DHCP)
MAC Address:	00:11f5:0c:83:b9
Application Version:	SIP version 1.17 (APP2)
Downloader Version:	1.03
SIP Status:	Success
Phone Number:	9958

User Setup



Click a field in one of the interface images to obtain more information about the field.

Localization

Country:	<input type="text" value="Germany"/>
LCD Language:	<input type="text" value="German"/>
Time Server:	<input type="radio"/> On <input checked="" type="radio"/> Off
Time Server Address:	<input type="text"/>
Time Zone:	<input type="text" value="GMT +01:00"/>
Daylight Saving:	<input checked="" type="radio"/> On <input type="radio"/> Off
Date Format:	<input type="text" value="DD.MM.YY"/>
Time Format:	<input type="text" value="24 Hours"/>


Call Features

Call Waiting:	<input checked="" type="radio"/> On <input type="radio"/> Off
Call Transfer:	<input checked="" type="radio"/> On <input type="radio"/> Off
3 Way Conference:	<input checked="" type="radio"/> On <input type="radio"/> Off
Call Forward Always:	<input type="checkbox"/> <input type="text"/>
Call Forward on Busy:	<input type="checkbox"/> <input type="text"/>
Call Forward No Answer:	<input type="checkbox"/> <input type="text"/> Timer(s): <input type="text" value="12"/>
Do Not Disturb:	<input type="radio"/> On <input checked="" type="radio"/> Off
Voice Mail	<input type="text"/>
Set Privacy:	<input type="checkbox"/>
Privacy Level :	<input type="checkbox"/> none <input type="checkbox"/> header <input type="checkbox"/> session <input type="checkbox"/> critical

Audio Settings

Ringer:	<input type="text" value="Melody 1"/>
Ringer Volume:	<input type="text" value="4"/>
Handset Volume:	<input type="text" value="4"/>
Loudspeaker Volume:	<input type="text" value="4"/>

Utilities

 Click a field in one of the interface images to obtain more information about the field.

Phone Book

	No.	Name	Phone Number
<input type="checkbox"/>	1	Albert Einstein	01212375688844
<input type="checkbox"/>	2	James T. Chadwick	1999046
<input type="checkbox"/>	3	speaking clock 1	01804100100
<input type="checkbox"/>	4	speaking clock 2	09001001191

Delete

Edit

Add

Delete All Records:

Delete All

Call Logs

☒ Missed Call(s)☐ Received Call(s)☐ Dialed Call(s)

No.	Time/Date	Name	Phone Number
<input type="checkbox"/> 1	11:25 07/24/2006	Albert Einstein	01212375688844
<input type="checkbox"/> 2	11:25 07/24/2006	James T. Chadwick	1999046
<input type="checkbox"/> 3	11:25 07/24/2006		Unknown
<input type="checkbox"/> 4	11:26 07/24/2006	Albert Einstein	01212375688844
<input type="checkbox"/> 5	11:29 07/24/2006	James T. Chadwick	1999046
<input type="checkbox"/> 6	13:04 07/24/2006		Unknown

Delete

Save

Delete All Records:

Delete All

Backup Settings

Backup your Current Settings:	<input type="button" value="Save"/>
Restore to Previous Settings:	<input type="text"/> <input type="button" value="Durchsuchen..."/> <input type="button" value="Confirm"/>
Get PhoneBook Settings:	<input type="button" value="Save"/>
Start PhoneBook Restore:	<input type="text"/> <input type="button" value="Durchsuchen..."/> <input type="button" value="Confirm"/>



System

New User Login ID:	<input type="text" value="user"/>
New User Password:	<input type="password"/>
Retype New User Password:	<input type="password"/>

Parameter Description

This glossary is sorted alphabetically and provides a description of all parameters in your optiPoint 150 S.

There are two ways of configuring your phone:

-  via the phone
-  via the Web-based Management Tool


3-Way Conference

- **On** radio button: Activate this option if you want to convert a consultation call into a three-way conference. This kind of conference is also referred to as "local conferencing".
- **Off** radio button: Activate this option if you want to transfer a consultation call to a colleague.

 → page 18  → page 39

Backup your Current Settings

- You can save your optiPoint 150 S configuration settings (data backup).
- Proceed as follows to back up the data:
 1. Click **Save**.
 2. Select the directory to which the backup should be saved.
 3. Click **Save**.

 → page 41

Call Forward Always

- Activate this checkbox if you want to forward incoming calls immediately to another destination. This is a useful function if you are going to be unavailable for a long period of time (for example, on vacation).
- Enter the phone number to which your calls should be forwarded.

 → page 29  → page 39

Call Forward on Busy

- Activate this checkbox if you want to forward incoming calls while you are on a call. This is a useful function that enables callers to reach a contact person (for example, customer service).
- Enter the phone number to which your calls should be forwarded.

 → page 29  → page 39

Call Forward No Answer

- Activate this checkbox if you want to forward incoming calls to another destination after a certain time has elapsed. This is a useful function if you are unable to accept incoming calls on a regular basis (for example, while participating in meetings).
- Enter the phone number to which your calls should be forwarded.
- Enter the period (in seconds) after which calls should be forwarded.

 → page 29  → page 39

Call Logs

- You can select the following call logs:
 - **Missed Call(s)** radio button: Missed Calls
 - **Received Call(s)** radio button: received calls
 - **Dialed Call(s)** radio button: dialed numbers
- Activate the checkbox for the entry you want to edit.
- You can select the following buttons:
 - **Delete**: Deletes the selected entry.
 - **Save**: Saves the selected entry.
 - **Delete All**: Deletes all entries permanently.

 → page 25  → page 40

Call Transfer

- **On** radio button: Activate this option if you want to transfer a consultation call after announcement.
- **Off** radio button: Activate this option if you want to transfer a consultation call without announcement.

 → page 18  → page 39

Call Waiting

- **On** radio button: Activate this option if you want to accept a second call. The caller hears the on-hook signal, you hear the call waiting signal.
- **Off** radio button: Activate this option if you do not want to accept any other calls while already on a call.

 → page 15  → page 39

Country

- Select the country where you will be operating your optiPoint 150 S from the list.
- You can select the following countries:
 - US
 - Germany
 - France
 - Italy
 - Spain
 - Austria
 - Switzerland
 - Belgium
 - UK
 - Argentina
 - Brazil
 - Luxembourg
 - Netherlands
 - Portugal

 → page 33  → page 39


Date Format

- Select the format in which you want the date to appear on the display.
- You can select the following formats:
 - MM.DD.YY (month.day.year)
 - YY.MM.DD (year.month.day)
 - DD.MM.YY (day.month.year)

 → page 31  → page 39

Daylight Saving

- **On** radio button: Activate this option if you do not want the display to light up.
- **Off** radio button: Activate this option if you want the display to light up when you lift the handset.

 → page 39


Do Not Disturb

- **On** radio button: Activate this option if you do not want incoming calls to be signaled. The calling party then hears a busy signal (the called party is not disturbed). The calling party cannot initiate a callback in this case.
- **Off** radio button: Activate this option if you want to signal incoming calls by the ringer and display.

 → page 30  → page 39

Get PhoneBook Settings

- You can save your phone book (data backup).
- Proceed as follows to back up the data:
 1. Click **Save**.
 2. Select the directory to which the backup should be saved.
 3. Click **Save**.

 → page 41

Handset Volume

- Select the receiving volume value for the handset from the list.
- You can select the following values:
 - 1 (quiet)
 - to
 - 8 (loud)

 → page 14  → page 39

Information

- Displays information on the status of your telephone.
 - **System Up Time:** Show how long your optiPoint 150 S has been operating.
 - **NTP Time:** Displays the SIP server time.
 - **IP Address:** Displays the IP address of your optiPoint 150 S.
 - **MAC Address:** Displays the MAC address of your optiPoint 150 S.
 - **Application Version:** Displays the phone software version. This status contains information on the scope of functions available on your optiPoint 150 S and may change when updating the telephone software.
 - **Downloader Version:** The xxxx/yyyy/zz syntax corresponds to:
 xxxx = boot loader version
 yyyy = application version
 zz = hardware version
 - **SIP Status:** Displays the status of the SIP server connection.
 OK: Success
 Error: Server not responding
 - **Phone Number:** Displays the phone number of your optiPoint 150 S.

 → page 35  → page 38

LCD Language

- Select the display language from the list.
- You can select the following languages:
 - German
 - English

 → page 32  → page 39


SpeakerVolume

- Select the receiving volume value for the loudspeaker from the list.
- You can select the following values:
 - 1 (quiet)
 - to
 - 8 (loud)

 → page 14  → page 39


New User Login ID

- Enter the user name required to access the user setup dialog, see
 → page 37.

 → page 41


New User Password

- Enter your new password in this field.

 → page 41

Password

- Enter your user password for accessing the Web-based Management Tool in this field, see → page 37.

 → page 37

Phone Book


- Activate the checkbox for the phone book you want to edit.
- You can select the following buttons:
 - **Delete**: Deletes an entry from the phone book.
 - **Edit**: Modifies an entry in the phone book.
 - **Add**: Adds an entry to the phone book.
 - **Delete All**: Deletes all entries in the phone book.

 → page 22  → page 40

Privacy level


- **Prerequisite**: The checkbox under "Set PRIVACY" must be activated, see → page 47.
- Activate the appropriate checkbox to select the security level for voice transmission:
 - **None**: No security level.
 - **Header**: High security level.
 - **Session**: Medium security level.
 - **Critical**: Low security level.

This function is not supported by all communication platforms. Contact the service personnel for information on the availability of this function.

 → page 39


Restore to Previous Settings

- This function allows you to restore the original configuration setting (data retrieval).
- **Prerequisite**: A backup of the configuration must be available, see → page 42.
- Proceed as follows to retrieve the data:
 1. Click **Browse**.
 2. Select the backup file from the corresponding directory.
 3. Click **Confirm**.

 → page 41

Retype New User Password

- Re-enter your new user password in this field, see → page 45.

 → page 41

Ringer

- Select the melody for the ring tone for your optiPoint 150 S from this list.
- You can choose from 16 melodies:
 - Melody 1
 - to
 - Melody 16

 → page 33  → page 39


Ringer Volume

- Select a value for the ringer volume for your optiPoint 150 S.
- You can select the following values:
 - 1 (mute)
 - to
 - 8 (loud)

 → page 14  → page 39


Set PRIVACY

- Activate this checkbox to enable a security level, see → page 46.

 → page 39

Start PhoneBook Restore

- This function allows you to load an existing phone book (data retrieval).
- **Prerequisite:** A backup of your phone book data must be available, see → page 44.
- Proceed as follows to retrieve the data:
 1. ???Click **Browse**.
 2. Select the backup file from the corresponding directory.
 3. Click **Confirm**.

 → page 41


Time Format

- Select the time format for the time display from the list.
- You can select the following formats:
 - 12 Hours
 - 24 Hours

 → page 32  → page 39


Time Server

- **On** radio button: Activate this option if a server is available for setting the time (NTP server = **N**etwork **T**ime **P**rotocol server). The IP address of the time server must be entered, see → page 48.
- **Off** radio button: Activate this option if a server is not available for setting the time. The settings for "Time Zone", "Date Format", and "Time Format" must be made by hand.

 → page 39


Time Server Address

- Enter the IP address of the time server here (NTP server = **N**etwork **T**ime **P**rotocol server). The time server must be activated, see → page 48.

 → page 39


Time Zone

- Select the time zone of the country where the telephone is operated in this list.
- You can select the following values:
 - GMT -12:00
 - to
 - GMT +12:00

 → page 39


User Name

- Enter the user name required to access the user setup dialog.

 → page 37

Voice Mail

- Enter the IP address of the voice mail server in this field.

 → page 39

Fixing Problems

Caring for Your Telephone

- Always use a damp or antistatic cloth to clean the telephone. Never use a dry cloth.
- If the handset is heavily soiled, clean it with a diluted surfactant-based neutral cleaner, such as, Pril dishwashing detergent. Afterwards remove all traces of the cleaner with a damp cloth (using water only).
- Do not use alcohol-based or corrosive cleaners or abrasive powders.

Troubleshooting

Pressed key does not respond:

Check whether the key is stuck.

The time displayed is incorrect:

If a time server → page 48 is configured, the time automatically corrects itself at regular intervals.

If a time server is not installed, the Web-Based Management tool → page 36 can be used to correct the time.

To correct any other problem:

First contact your service personnel. If the service personnel are unable to correct the problem, contact Customer Service.

Step by Step

I n i t i a l i z i n g ...

A c q u i r i n g I P ...

S I P R e g i s t e r i n g ...

R e s t a r t i n g ...

S o f t w a r e U p g r a d e
3 5 7 8 0 0 5

F o r w a r d t o ...
2 2 2 8 7 5 8 8

0 8 : 2 8 p m 0 2 . 0 7 . 0 5
3 n e w M e s s a g e s

0 8 : 2 8 p m 0 2 . 0 7 . 0 5
2 m i s s e d C a l l s

Display Messages

System Start

The telephone is connected to the power supply. Displays information on the initialization of the telephone.

The telephone requests an IP number from the DHCP server.

The telephone registers at the SIP provider.

The telephone is restarting.

Software Upgrade

The telephone software is upgrading. A progress bar indicates the remaining data volume (in bytes) to be transferred.

Forwarding

Unconditional forwarding

Unconditional forwarding is activated. Displays the destination number for unconditional forwarding.

Voice Mail

Displays the number of new voice messages received in your voice mail.

First line: Time and date.
Second line: Number of new voice messages.

Missed Calls

Displays the number of missed calls.

First line: Time and date.
Second line: Number of missed calls.

Step by Step

0	8	:	2	8	p	m	0	2	.	0	7	.	0	5					
3	2	3	4	9	3	4	0												

Idle Mode

First line: Time and date.
Second line: User's own number.

During a Call



User answers the incoming call.
Lift the handset.

2	2	2	8	7	5	8	8												
										0	0	:	1	5					

First line: Phone number (if the phone number is stored in the phone book, the name is displayed).
Second line: Call duration (mm:ss). If the call duration exceeds 59:59, the telephone resets the value to 00:00.

On Busy


B	u	s	y																
2	2	2	8	7	5	8	8												













First line: "Busy" - the line is busy.
Second line: Phone number (if the phone number is stored in the phone book, the name is displayed).

Step by Step

Character Input

Letters and digits are entered by pressing the dial keys an appropriate number of times. This also applies when entering alphanumeric passwords.

Example: "+" = press the  key twice.

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x
	[1]	1								
	a	b	c	2	ä					
	d	e	f	3						
	g	h	i	4						
	j	k	l	5						
	m	n	o	6	ö					
	p	q	r	s	7					
	t	u	v	8	ü					
	w	x	y	z	9					
	.	,	0							
	-	+	&	()	'	@	:	#	*
	[2]									


- 1) Space.
- 2) Switches between upper case (next letter only), lower case and digit input for alphanumeric character input.

Deleting characters



Press this key to delete characters to the left of the cursor.

Inputting alphanumeric characters

Press  in character input mode (for entering subscriber names, for instance) to switch between different editor modes (see also table above).

The current editor mode is shown in the top right corner of the display. The display can be set to: ">Abc" (upper case), "abc" (lower case) and "123" (digit input).

Name :

Peter_

> Abc

Internet-based documentation

This and other documentation can be found on the Internet at:
<http://www.enterprise-communications.siemens.com>
>Products > Phones & Clients > (Select Product) > Downloads.

To view and print documentation in PDF format, you require
Acrobat Reader (free software):
<http://www.adobe.com>

Technical notes, current information about firmware updates, frequently
asked questions and lots more can be found on the web at:
<http://wiki.siemens-enterprise.com/>

Contacts in the Case of Problems

If you encounter a disruption that lasts longer than five minutes, for example,
contact the relevant service personnel.

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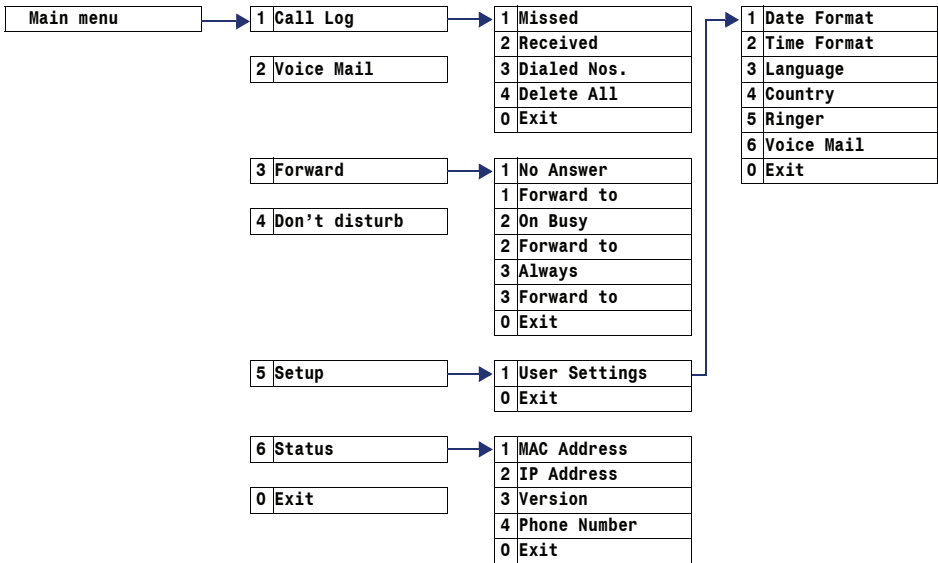
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Menu Functions

Press the "Program/Service" key. Use   and  to select functions. Menu items for administrative settings with password entry are not displayed:



RFC Standards

The following table provides an overview of **RFC** (Request For Comment) standards that are compatible with optiPoint 150 S.
This overview is not exhaustive.

RFC	Description
RFC3261	Session Initiation Protocol (SIP)
RFC2976	The SIP INFO Method
RFC3265	Session Initiation Protocol (SIP) Specific Event Notification
RFC3311	The Session Initiation Protocol (SIP) UPDATE Method
RFC3323	A Privacy Mechanism for the Session Initiation Protocol (SIP)
RFC3428	Session Initiation Protocol (SIP) Extension for Instant Messaging
RFC3515	The Session Initiation Protocol (SIP) Refer Method
RFC3842	A Message Summary and Message Waiting Indication Event Package for the Session Initiation Protocol (SIP)
RFC3262	Reliability of Provisional Responses in the Session Initiation Protocol (SIP)
RFC3665	Session Initiation Protocol (SIP) Basic Call Flow Examples
RFC3489	STUN - Simple Traversal of User Datagram Protocol (UDP) Through Network Address Translators (NATs)
RFC1889	RTP Real Time Protocol
RFC2327	SDP: Session Description Protocol
RFC3264	An Offer/Answer Model with Session Description Protocol (SDP)
RFC2833	RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals
RFC3389	Real Time Transport Protocol (RTP) Payload for Comfort Noise (CN)
RFC3550	RTP A Transport Protocol for Real Time Applications
RFC3551	RTP Profile for Audio and Video Conferences with Minimal Control
RFC3555	MIME Type Registration of RTP Payload Formats

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