Hotel SIP Phone Administration Tool

SN()M

Administrator's Guide

SNOM

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Revision History

Date	Version	Description
August 15, 2023	V1.0	Initial release
September 8, 2023	V1.01	Images updated, plus minor corrections
September 13, 2023	V1.02	"HTTPS only" advice added, Monitoring & PW change updated

1. Overview

The Snom Hotel Phone Admin Tool Version 4.3.5, (hereinafter referred to as "Admin Tool"), is a client-based application provided upon the purchase of the Snom Hospitality phones and used for the administration of all the online Snom H-Series phones in the same network. The application delivers the following capabilities:

- Bulk generation of configuration files the ability to distribute configuration files automatically by using DHCP Option 66 or manually by using the MAC addresses of the phones as an identifier.
- Bulk upgrade of firmware the ability to distribute firmware upgrade across the network.
- OTA upgrade Android software the ability to push the upgrade process of the Android software in the handset.
- Monitoring functionality the ability to scan the network both manually and through a scheduled time to monitor the hotel SIP phones in the network.
- Bulk change of Admin password the ability to apply bulk password change to all the hotel SIP phones across the network.

Snom Hotel Phone Model Number Overview

Following Phone Models are covered by this guide & supported by the Admin Tool:

Hotel Phone Model Number											
HD100	HD101	HD130									
HD150	HD151										
HM201											
HD300	HD350W	HD351W									

1.1. System Requirements

- Windows XP/7/10 with up-to-date service packs
- RAM: 8G (minimum); 16G (optimal)
- Disk: 32G (minimum); 64G (optimal)

1.2. Running Admin Tools on Windows Server 2016

- 1) System registry needs to be updated with the following 2 entries: Windows Registry Editor Version 5.00
- 2) Update the registry to use Version 11 of Internet Explorer on the computer installed with the Admin Tools in Windows Server 2016.

HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\InternetExplorer\Main\FeatureControl \FEATURE_BROWSER_EMULATION

Add a new DWORD key named HotelSipAdminTool.exe with decimal value "11000" (hex value "2af8"). This DWORD key informs the Windows system to use Internet Explorer (hereinafter referred to as IE) 11 engine for the application named HotelSipAdminTool.exe instead of the default IE 8 engine, because IE 8 is too old and no longer supported by most websites.

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Eile	Registry Editor <u>Edit V</u> iew F <u>a</u> vorites <u>H</u> elp			-	×
Com	puter\HKEY_LOCAL_MACHINE\SOFTWARE\W0	W6432Node\Microsoft\Internet Ex	plorer\Main\FeatureControl\FEATUR Data	E_BROWSER_EMULATION	
	ab (Default)	REG_SZ	(value not set)		
	10 HelpPane.exe	REG_DWORD	0x00002710 (10000)		
	20 prevhost.exe	REG_DWORD			
	315 WindowsApp1.exe	REG_DWORD	0x00002af8 (11000)		
	80 HotelSipAdminTool.exe	REG_DWORD	0x00002af8 (11000)		
. *	<				>

1.3. Network Requirements

- The Admin Tool uses IGMP PING utility to identify the Snom H-Series phones in the network, so the Admin Host must have ping enabled for using its ping utility.
- All Snom H-Series Phones must have access to the Admin Host, the associated network tools, and applications - If these phones work behind a firewall, they must have access to the ports listed in the diagram below.



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2. Admin Tool Installation

This section illustrates the installation of the Admin Tool.

2.1. Initial Installation

- 1. Launch **Snom_Hotel_SIP_Phone_Administration_Tool_v4.3.5_Setup.exe**, the Provisioning Tool Setup exe file, on a specified Admin Host.
- 2. Click Install to install the tool on the Admin Host.



3. Click Finish to complete the installation.

Completing the Hotel SIP Phone Administration Tool ver 4.3.5 Setup Wizard
Setup has finished installing Hotel SIP Phone Administration Tool ver 4.3.5 on your computer. The application may be launched by selecting the installed shortcuts.
Click Finish to exit Setup.
Finish

2.2. New Version Installation

To replace the old version of the Admin Tool already installed on the Admin Host with its new version, please follow the steps of **Initial Installation** in **Part A** first. Then, open **SHPTool.txt** at C:\ProgramData\Snom\HotelSipAdminTool\ to replace the existing three lines after "TelnetLoginMillisecondsTimeout=15000" with the three new lines below:

WebPageLoginMillisecondsTimeout=100000 WebRequestMillisecondsTimeout=100000 WebFileUploadMillisecondsTimeout=1200000

The only difference of the existing three lines and the new three lines are the number in each line.

Note: The screen capture below shows the SHPTool.txt already replaced with the new three lines:

<u>snom</u>

Administrator's Guide for Hotel SIP Phone Administration Tool

SHPTool - Notepad
File Edit Format View Help

Idd to the term term
[General]
ModelsForAdminLogin=
LoginDeviceMethod=1
WebScanDeviceApproach=7
FirmwareAutoMode=1
EnableFirmware3600TftpMode=0
CompareDownloadImageMode=1
PingMillisecondsTimeout=4000
TelnetLoginMillisecondsTimeout=15000
WebPageLoginMillisecondsTimeout=100000
WebRequestMillisecondsTimeout=1200000
WebRequestReTry=1
ScheduleMasterConfigFileNeed=0

3. Discover the Phones

3.1. Connect the Phones to the Network

All the new phones are in a factory default state. Take a new hotel SIP telephone out of its packaging and connect it to the network. After being connected, the new telephone will query the network for a DHCP server and request an IP address. Once an IP address is assigned to the telephone, the flashing key indicates the telephone is online, but it has no programming information to register with the Admin Host, any sort of provisioning system or a SIP-PBX / -registrar.

3.2. Discover the Phones in the Network

To discover the phones in the network, follow the steps below:

1. Launch the Admin Tool and enter the first IP Address of the subnet that the telephones are connected to, in the Start IP field of the IP Range and then enter the last IP Address in the range in the End IP field.

Snom Hotel SIP Phone Administration Tool v4.3.5	- 🗆 X
File Tools	
IP Range Start IP End IP O unit(s) Start IP : 192.168.8.1 P Remove End IP : 192.168.8.254 P Discover	Push Config Upload Monitor Admin With Excel File With Config File Step 1: Select phone specific settings list ("xlas) Load
Room No. Line1 Ext. Line2 Ext. MAC Address IP Address Status BS Firmware Model Seria	Step 2: Select golden configuration file
	Indef liel Single config tie Load Device will be rebooted automatically to activate the new config tie settings.
Login admin password Clear device list Search View Refresh Remove Reboot	
Done	

2. Press the right arrow to move the input IP range to the Start/End IP field.

P Range angle IP: IS2168.8.1 Persove Discover Discover No. Line 1 Ed. Line 2 Ed. MAC Address IIP Address Status BS Pimware Model Serie Push Corfig Upload Montor Admin With Excel File With Corfig File Step 1: Select prions specific settings lat (*Jsk) Load Step 2: Select golden configuration file (model list) Single corfig file Load Push corfig by MAC address Update Note: Dovice will be rebotted automatically to activate the new corfig file settings.	Snom Hotel SIP Pho	one Administration T	ool v4.3.5									_	
No. Line 1 Ext. Line 2 Ext. MAC Address IP Address Status BS Firmware Model Serie Step 2. Select golden configuration file (model list) Single config lies Load Image: Serie 1 and the series Image: Series Series Series Series Image: Series Series Series Series Series Update Image: Series Series Series Series Series Series Image: Series Series	P Range Single IP:	> 54	Start IP	End IP		0 unit(s) Remove Discover		>	Push Config With Excel File Step 1: Select pl	Upload With Co	Monitor onfig File settings list (* xls	Adı x)	in .oad
	Room No. Line 1 f	Ext. Line2 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Seria	- Step 2: Select go (model list) Single con	olden configura	ation file	L	ad

A Snom Hotel SIP Phone Administration Tool v4.3.5	– 🗆 ×
File Tools	
IP Range Single IP: > End IP 0 unit(s) Start IP: 192.168.8.1 192.168.8.254 Remove End IP: > Discover Discover	Push Config Upload Monitor Admin With Excel File With Config File Step 1: Select phone specific settings list (*xisx)
Room No. Line 1 Ed. Line 2 Ed. MAC Address IP Address Status BS Firmware Model Seria	Step 2: Select golden configuration file (model list) Single config file Load Push config by MAC address Update Note: Device will be rebooted automatically to activate the new config file settings.
Done	

3. Select the IP range and click **Discover**.

Snom Hotel SIP Phone Administration To	ol v4.3.5				– 🗆 🗙
File Tools					
IP Range S Single IP: > Statt IP: > End IP: >	tart IP End IP 2 168.8.1 192.168.8.254	0 unit(s) Remove Discover	Pue	sh Config Upload Monitor With Excel File With Config File Step 1: Select phone specific settings list ("xit	Admin sx) Load
Room No. Line1 Ext. Line2 Ext.	MAC Address IP Address	Status BS Firmware Mo	del Seria S	Step 2: Select golden configuration file	
				(model list) Single config file Push config by MAC address Note: Device will be aborded a tomaticality	Load Update
Cogin admin password Clear device list	Search View	Refresh Remove	> Reboot	ruce. Device will be reported automatically t	o activate the new

4. When asked, enter the phone web interface administrator's password, and click Apply.

Enter administrator password	
1. Enter Administrator password to login the phones.	
Password	
Apply	
٢	>
Login admin password Clear device list Search View Refresh	Remove Reboot
Scanning IP address 192.168.8.29	

a. c	D DL			,	1					0,			
Shom Hotel Si	P Phone Administra	tion 1001 V4.3.3											
File Tools													
IP Range			5.110						Push Config	Upload	Monitor	Adr	min
Single IP:	>	192 168 8 1	192 168 J	254	1/7 un	iit(s)							
tart IP :		102.100.0.1	102.100.		Remov	·e			With Excel File	With C	ionfig File		
nd IP :	>					-		>	Step 1: Select ph	ione specific	settings list (*)	lsx)	
					Discov	er							Load
			0.0		1104.0	1100.0	1100.0		Sten 2: Select on	lden configu	ation file		
5 rimware	Model	CUNI P20052200271		Frequency Band	(1.1.20.0)	H52 rimware	H53 Himware	m54					
103	HD101	CHNLB23032300271	0.00.00	EU	(1.1.20-0)			_	(model list) Single conf	ig file			
103	HD101	CHNI B29052300239	0.00.00	EU						-		L	oad
).0.3	HD100	CHNLB29052300169	0.00.00										
0.0.3	HD350W	CHNLB24052300316	0.00.00										
0.0.3	HD351W	CHNLB24052300050	0.00.00		1.2.15-0								
0.0.3	HD100	CHNLB29052300118	0.00.00										
									Push config Note: Device w config file	by MAC add II be rebooted settings.	ress	Update to activate th	e new
								>					

NOTE: If a telephone's data in the columns of HS1, HS2 and/or HS3 Firmware is in red, it means it is out of range or offline.

3.3. Sort the List of the Discovered Phones

To sort a list by column, click the icon on the right side of any column header to change between Ascending and Descending.

A Snom Hot	el SIP Phone A	Administration	Tool v4.3.5														-	D ×
File Tools																		
IP Range Single IP: Start IP : End IP :		>	Stat IP 192 168.8.1	End IP 192.168.8.254		1/7 unit(s) Remove Discover]											<
Room No.	Line1 Ed.	Line2 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Config	Frequency Band	HS1 Rmware	HS2 Firmware	HS3 Firmware	HS4 Rimware	HS5 Firmware	Operation History	Timestamp	HTTP(\$)
			000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	0.00.00	EU	(1.1.26-0)					Warning: at least one HS is out of range	2023-09-06 16:49:50	HTTPS
			000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	0.00.00	EU						Discover device success	2023-09-06 16:49:50	HTTPS
134101	134101		000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	0.00.00	EU						Discover device success	2023-09-06 16:49:51	HTTPS
2202	134100	_	000413650087	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169	0.00.00							Discover device success	2023-09-06 16:49:52	HTTPS
HD350	134350	_	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316	0.00.00							Discover device success	2023-09-06 16:49:52	HTTPS
	_		00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	0.00.00		1.2.15-0					Discover device success	2023-09-06 16:49:53	HTTPS
¢																		3
Login admin p	browers	Clear device list	Search	Vew												Refresh	Remove	Reboot
Done																		

3.4. Search the Discovered Phones

1. To search within the discovered telephones list, click **Tools** on the menu bar. Select **Search**.

A Snom Hotel SIP Phone Administration Tool v4.3.5	-		×
File Tools			
Phone Specific Settings Excel Generator F4			ľ
Base Configuration File Generator F5			
IP Ra Search F3			_
Syslog Server End IP 1/7 unit(S) Push Config Upload Mo	nitor	Admin	
Single 1921000.1 192168.8.254 With Excel File With Config File			
Star IP : Pemove Pe	et (* viev)		
End IP : Discover > Core - prove species sectings in	e (Max)	Load	
Room No. Line1 Ext. Line2 Ext. A MAC Address IP Address Status BS Firmware Model Seria Step 2: Select golden configuration file			
000413668073 192.168.8.80 Unregistered 1.0.0.3 HD101 CHNL (model list)			
000413668093 192.168.8.79 Unregistered 1.0.0.3 HD101 CHNL Single config file			- 1
134101 134101 000413668053 192.168.8.81 Unregistered 1.0.0.3 HD101 CHNL		Load	
2202 134100 0004136600B7 192.168.8.82 Unregistered 1.0.0.3 HD100 CHNL			
HD350 134350 000413670072 192.158.8.84 Unregistered 1.0.0.3 HD350W CHNL			
00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNL			
000413660084 192.168.8.86 Unregistered 1.0.0.3 HD100 CHNL			
			_
Push config by MAC address		Update	
			_
Note: Device will be rebooted automat Note: Origin file actionation	cally to activ	rate the new	v
Coning ine actuings.			
Login admin password Clear device list Search View Refresh Remove Reboot			
Done			

2. Enter a search keyword in the prompt box and click **OK**. The search result will be displayed, highlighted in blue at the top under the header row of the list.

SnomHotelSipAdminTool	×
Please enter search keyword.	OK Abbrech
134	

Snom Hot	tel SIP Phone Administration Tool v4	.3.5							-	
File Tools										
IP Range Single IP: Start IP : End IP :	Start il 192.16	P E 8.8.1 19	nd IP 2.168.8.254		1/7 unit(s) Remove Discover	>	Push Config With Excel File Step 1: Select pt	Upload With Config none specific settin	Monitor File ngs list (*.xlsx)	Admin Load
Line1 Ext.	Line2 Ext. 🔺 MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Step 2: Select go	olden configuration	file	
134100 134350	000413660087 000413660072 000413668073 000413668093 000413668093 000413660084	192.168.8.22 192.168.8.24 192.168.8.04 192.168.8.07 192.168.8.79 192.168.8.79 192.168.8.79 192.168.8.87 192.168.8.87 192.168.8.87 192.168.8.79 192.168.8.79 192.168.8.79	Unegatered Unegatered Unegatered Unegatered Unegatered	1.0.03 1.0.03 1.0.03 1.0.03 1.0.03 1.0.03	HD100 HD350W HD101 HD101 HD351W HD100	CHNLB29052300169 CHNLB2052300316 CHNLB2052300303 CHNLB2052300303 CHNLB2052300303 CHNLB24052300050 CHNLB29052300118	Push config Note: Device w config file	fig file	omatically to act	Update Vivate the new
< Login admin p Dono	Dassword Clear device list	Search	View	Refresh	n Remove	Reboot				

4. Create a Golden Sample Master Config file on phone

1. Inside the phones web interface click **Servicing** from the top menu bar and then click **Provisioning** on the left menu bar.

Note: If you attempt to access the phones web interface and only end up with an empty / blank page, you most probably tried to use HTTP instead of HTTPS. Please try again with https://

SNOM					
SERVICING	STATUS	SYSTEM	NETWORK	SERVICING	
Reboot					_
Time and Date	Provinianing Conver				
Firmware Upgrade	Provisioning Server				
Auto Upgrade	Server URL:	https://secu	re-provisionin		
Manual Upgrade	Server Authentication Name				
Provisioning	Server Authentication Passwo	rd:			
Security					
Certificates	Plug-and-Play Settin	ngs			
Device					
Trusted Certificates	Enable PnP Subscribe				
Tr069	DHCPv4 Settings				
System Logs					
SIP Trace	✓ Use DHCPv4 Options				
	DHCPv4 Option Priority 1:	66	\checkmark		
	DHCPv4 Option Priority 2:	159	\sim		
	DHCPv4 Option Priority 3:	160	\checkmark		~

2. Scroll down to the Export Configuration section and click **Export** to generate the golden configuration file. This will provide a single configuration file.

Start Hour:	×
End Hour: 0	~
Use encryption for configuration file	
Passphrase:	
Import Configuration	
Import from File:	No file chosen Choose File
	Update from File
Export Configuration	
Export to File:	Export
	Export XML
Reset Configuration	
Reset Configuration to Default Settings:	Reset
Save	
	~

3. The configuration file for the golden sample is created. If inside the configuration file, please remove the following four configuration lines starting with the texts below from it:

hs_settings.1.handset_IPUI =

hs_settings.2.handset_IPUI =

hs_settings.3.handset_IPUI =

hs_settings.4.handset_IPUI =

4. Make sure to take note of the folder name, where the golden sample is stored, because it will generate the master configuration files for each telephone to be connected to the network.



5. Master Template for Bulk Distribution with DHCP Option 66

5.1. Generate Master Room and Extension List

1. Launch the Admin Tool. Click **Tools** on the menu bar and select **Phone Specific Settings Excel Generator**.

🚊 Sr	nom H	lotel SIP Phone Administration Tool v4.3.5							-	- 0	×
File	Тоо	ls		_							
		Phone Specific Settings Excel Generator	F4								
		Base Configuration File Generator	F5								
IP Ra	31	Search	F3				Push Config	Inland N	lanitar	Admin	
Singl		Syslog Server		End IP	1/8 unit(s)		ruan coning (opioau M	IOFILOF	Aumin	
Start	IP ·	132.168.8.		192.168.8.254			With Excel File	With Config Fi	le		
End	IP :	> >			Remove		Step 1: Select phor	ne specific settings	list (* xlsx)		
					Discover	1				Loa	d

2. The following window will display. Under 1. Select the target model/models

 Phone Specific Settings Excel Generator Select target models 	2. Select and add target SIP phone parameters	;	Columna in Final	×
 HD350 HD3511 HD350W HD351W HD151 HD151 HD151W HD160W HD100W HD100W HD101 HD150 	Column List General Settings: key1 a gened_dal key2 apped_dal key2 apped_dal key5 apped_d	>	Countries in Electronic Transmission Countries in Electronic Transmission Countries Intel_extension Intel_extension Intel_extension Intel_extension Intel_extension Intel_extension Intel_extension Countries Intel_extension Coun	Close

3. From the Column List, select MacAddress and add it to Column in Excel. Click Generate.

🕮 Phone Specific Settings Excel Generator		×
1. Select target models	2. Select and add target SIP phone parameters	Columns in Excel Toom_number Ine1_authentication_name Ine1_extension Ine2_authentication_password Ine2_authentication_password MecAddees C Generate Vew Output Folder Close

NOTE:

- Column List: an additional telephone setting that can be added to the master config file.
- · Column in Excel: All the mandatory settings those require a change on a room or extension basis.
- Any references to line2, like line2_authentication_name, line2_extension etc. can be removed or ignored as the H-series models are single ID / single line devices.
- 4. The following prompt will appear. Click **OK** to complete the operation.



5. Inside the Phone Specific Settings Excel Generator click View Output Folder.



- 6. Double click **Phone_Settings_Config.xlsx** to open the configuration file generated in the steps above.
- There are two blank tabs in the excel file. Use the LS_Series tab. (the CTM_CL_Series tab can be ignored as its outdated / deprecated)

Phone_Settings_Config.xlsx is a spreadsheet that contains the specific parameters of each

phone. It requires data input for each room. Each row of the file represents a room and an extension number.

Automatisches	öpeichem ● 🗄 🏷 ୯ ୧ 📼	Phone_Settings_Config.xls	sx - Schreibgesc Y 🖉 Suchen					6 -	
Datei <u>Start</u> Ein	fügen Zeichnen Seitenlayout Fo	meln Daten Überpri	üfen Ansicht Automatisieren Hilfe				🖓 Kom	mentare	3 Freigeben 👻
Einfügen 🔏	Calibri $\begin{tabular}{c c c c c c c c c c c c c c c c c c c $	E = : ↔ · ℓℓ E = : E = : E = E Ausrichtung	Standard Image: Standard Image: Standard Image: Standard	Einfügen × Eischen × EiFormat × Zellen	$\sum_{z} \cdot \sum_{z}^{A} \nabla \cdot$ $\sum_{z} \cdot \sum_{z} \cdot \sum_{z$	Datenanalyse Analyse	Vertraulichkeit Vertraulichkeit	Add- Ins Add-Ins	~
A1 v i	$ imes \checkmark f_x$ sip_account.1.label								~
A	в	С	D	E	F	G	н	1	J. L
1 sip_account.1.lab 2 3 4 5 6 7 7 8 9 9	el sip_account.1.authentication_name	<pre>sip_account.l.user_id </pre>	sip_account.l.authentication_access_password	pfk.1.quick_dial p	fk.2.quick_dial	pfk.3.quick_dial	pfk.4.quick_dial	MacAddress	
< >	5_Series CTM_CL_Series +								•
Bereit 5% Barrierefreit	eit: Keine Probleme					田	E		

In the example above the columns from left to right represent:

Room number, SIP account 1 authentication name, SIP account 1 user ID, SIP account password, the SpeedDial Keys (pfk, programmable feature keys) 1 to 4, the specific phone MAC address.

8. Below is the example of the file with all the room numbers and the extension numbers are entered:

Autor	matisches Speichern	०० ॥ ७. ९.	÷	Phone_Settings_Config.xl	sx - Sc	hreibgesc 🗸	,∕⊃ si	ichen					Ø	- c	×
Datei St	tart Einfügen	Zeichnen Seitenlayout	Forme	eln Daten Überpr	üfen	Ansicht Aut	omatisieren	Hilfe				🖓 Kor	nmenta	are 🖻 🖻 Frei	igeben 👻
Einfügen Zwischenab	K Calibri F K plage ⊡	$\begin{array}{c c} & & & \\ & & & \\ \hline \\ \hline$	=	≡ ≡ ≫ ~ a ≡ ≡ ⊡ Ξ Ē Ausrichtung) ~ 5	Text → © ~ % 000 58 →8 Zahl 5	Bedingt Mals Tabe	e Formatierung ~ lle formatieren ~ rmatvorlagen ~ atvorlagen	翻 Einfügen - 部 Löschen - 聞 Format ~ Zellen	$\sum_{z} \cdot \frac{2}{z} \nabla \cdot \frac{2}{z} $	Datenanalyse Analyse	Vertraulichkeit Vertraulichkeit	Add Ins Add-I	- ns	~
A1	▼ : × ✓ J	fx sip_account.1.label													~
1	A	В		с			D		E	F	G	н		1	1.4
1 sip_acco	ount.1.label_sip_a	ccount.1.authentication_	name :	sip_account.1.user_id	sip_a	ccount.1.authe	ntication_acc	ess_password	pfk.1.quick_dial	pfk.2.quick_dial	pfk.3.quick_dial	pfk.4.quick_dia	al Mac	Address	
2	101		1101	1101				123456789	11	15	20	1	4 00	0413668093	
3	102		1102	1102				123456789	11	15	20		4 00	0413668094	
4	103		1103	1103				123456789	11	15	20	1	4 00	0413668095	
5	104		1104	1104				123456789	11	15	20	1	24 00	0413668096	
6	105		1105	1105				123456789	11	15	20	3	24 00	0413668097	
7	106		1106	1106				123456789	11	15	20		4 00	0413668098	
8	107		1107	1107				123456789	11	15	20		4 00	0413668099	
9	108		1108	1108				123456789	11	15	20		24 00	0413668100	
10															
< >	LS_Series	CTM_CL_Series	+												•
Bereit	😵 Barrierefreiheit: Ke	eine Probleme									III				+ 100 %

IMPORTANT NOTE:

The cells those contain data must be formatted to text. Otherwise, the procedure will fail. To format data to text, follow the steps below:

- 1. Press CTRL & A to select all cells.
- 2. Right click the screen, Click Format Cells on the right-down menu and click Text. Click OK.

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	<u>C</u> opy	Number	Alignment	Font	Border	Fill	Protection		
ĥ	Paste Options:	<u>Category</u> :							
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							ОК	Cancel	

3. Click **Save** and close the file.

5.2. Generate Master Configuration Files

- 1. Launch the Admin Tool again.
- 2. Click **Tools** on the menu bar and click **Base Configuration File Generator**. The following window will display.

Step 1: Please select models Step 2: Select golden configuration file HD350 HD351 HD350W File: HD351W File: HD101 Step 3: Select phone specific settings list (*.xlsx) HD101W File: HD100W File: HD100 Generation Global Vesion Number: 12 Change Generate cfg File View Output Folder

- 3. In Step 1, select the model number of the hotel phone, if not preselected already.
- 4. In Step 2, click Browse to locate the golden sample configuration file (.cfg) .
- In Step 3, click Browse to locate the folder that contains Phone_Settings_Config.xlsx generated in Step 1 to 7 in the previous section.

The Configuration File Generator window will then look like the one below.

🚨 Configuration File Generator	×
Step 1: Please select models HD350 HD351 HD350W HD351W	Step 2: Select golden configuration file File: omHotelSipAdminTool\GoldenMaster101\HD101-GoldenMaster.cfg Browse
HD101 HD101W HD151W HD151W HD100 HD100W HM201 HD150	Step 3: Select phone specific settings list (*.xlsx) File: [minTool\Phone_Setting_Excel_Output\Phone_Settings_Config.xlsx] Browse Step 4: Phone configuration files generation Select Unique Key in Excel: Mac Address and Extension ~ Global Vesion Number: 12 Change Generate files in single folder
	Close

6. Click Generate cfg File.

The following prompt will appear. Click **OK** to complete the operation with the location details of the master configuration files shown.

Configur	ation File Generator	×
1	Operation Finished. Folder: [C:\ProgramData\Snom\SnomHotelSipAdminTool\Opt66_Outp ut\2023.09.11_12] is created.	
	ОК	

7. Click **OK** to clear the prompt and then click **View Output Folder**.

2023.09.11_12								-		×
← → • ↑ <mark>.</mark> « V	Vindows (C:) > ProgramData > Snom > 3	SnomHotelSipAdminTool → Opt66_Ou	utput > 2023.09.11_1	2	~	Ō	2	2023.09.1	1_12 dur	chsu
Desktop	^ 🗌 Name	Änderungsdatum	Тур	Größe						
Dokumente	EXT	11.09.2023 16:30	Dateiordner							
🚽 Downloads	MAC	11.09.2023 16:30	Dateiordner							
👌 Musik										
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Windows (C:)	~									
2 Elemente										

NOTE: The process has created two master folders.

- EXT Containing all configuration files headed with the extension numbers.
- MAC Containing all configuration files headed with the MAC Address.

Each time when the process above is executing, a configuration file will be generated and the folder containing the configuration file will be date stamped with a sequence number that is incremented.

Once a configuration file is generated, the administrator is now ready to start the TFTP server to distribute the config files.

5.3. TFTP - DHCP Option 66 - Operation MAC

- Start the TFTP Server and point the root directory at the folder created when the master configuration files are generated. (e.g. C:\ProgramData\Snom\SnomHotelSipAdminTool\Opt66_Output\<date_version>\MAC)
- 2. Connect the new telephone to the network.
- 3. The telephone will boot up, automatically connect to the TFTP server, and retrieve the configuration files from the MAC folder relevant to the phone. It will then automatically reboot and register with the PBX.

5.4. Bulk Configuration Changes with DHCP Option 66

- 1. Select a phone in the network.
- 2. Manually edit this phone using the WEB interface.
- 3. Save changes and test the phone.
- 4. Click Config Update/Backup in the WEB management interface under System Resources.
- 5. Click Create File.

SO()M

6. Once the file is created and saved locally, make note of where the file is saved, because this will be required to generate the new updated master configuration file.

The Backup file created by default is saved as **BackUp.tar**. Select this file and extract the contents into a folder on the Admin Host. During the original installation, make note of the folder location because it will be used to new master configuration files.

- 7. Complete Step 1 to 5 of Section 5.2 Generate Master Configuration Files.
- 8. Start the TFTP server and point the root directory to the created directory at C:\Hotel_Phone_Administration_Tool\Opt66\<date_version> in Step 6.
- 9. Use the Admin Tool to select and reboot all the phones.

The phones will compare the file version of its current configuration with those contained in the TFTP server, and automatically collect and load the new version.

6. Build Master Template for Bulk Distribution by HTTP(s) Auto Provisioning

6.1. Generate Initial Backup

- 1. Connect a phone to the network.
- 2. Access the web user interface of the phone Under Servicing click Provisioning.
- 3. Disable **DHCP** Options.
- 4. Click **Save** to save changes.
- 5. Click Config Update/Backup.
- 6. Select **Export Backup** Option Step 1 to generate a backup of the device.
- 7. The BackUp file created by default is saved as BackUp.tar. Select this file and extract the contents into a folder on the Admin Host.

Make note of the folder name, because it will be used to generate the master configuration files for each phone connected to the network.

6.2. Generate Master Room and Extension List

- 1. Launch the Admin Tool.
- 2. Click **Tools** on the menu bar and then select telephone **Phone Specific Settings Excel Generator**. The following window will display.

Select **MacAddress** from the Column List, place them in **Column in Excel** and remove all values from **Columns in Excel** that you do not need. Click **Generate**.

Phone Specific Settings Excel Generator		×
1. Select target models HD350 HD350W HD351W HD151 HD151W HD101 HD151W HD100W HM201 HD150	2. Select and add target SIP phone parameters Column Lis General Settings: Kry0_speed_dai Kry	Columns in Excel room_number Inel_authertication_name Inel_extension MocAddress C Generate View Output Folder Cose

IMPORTANT NOTE:

Columns in Excel has all the mandatory settings those require a change on a room or extension basis. For HTTP(s) provisioning, the provisioning server authenticates the device by the specific MAC address to the device.

3. When the operation is complete, the following prompt will appear. Click **OK** to clear the prompt.



4. Click View Output Folder.

Phone_Setting_Excel_Ou	utput								_		×
	Vindows	(C:) > ProgramData > Snom > Snor	mHotelSipAdminTool → Phone_S	etting_Excel_Output		~ ē	Q	Phone_Set	ting_Ex	cel_Outp	out
Dokumente	^	Name ^	Änderungsdatum	Тур	Größe						
🖊 Downloads		Phone_Settings_Config.xlsx	11.09.2023 15:11	Microsoft Excel	6 KB						
👌 Musik											
🛛 Videos											
🏪 Windows (C:)											
🗙 Shares (S:)	~										
1 Element											

- 5. Double click **Phone_Settings_Config.xlsx** to open the configuration file generated in the steps above.
- 6. There are two blank tabs in the excel file, use the LS_Series tab.

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The top row now needs to be extended with the setting names for the Provisioning URL, the Provisioning username and the provisioning password, represented by these settings:

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G1 ~ : X	✓ fx provisioning.server_acces	s_password								~
A	В	С	D	E		F			G	
1 sip_account.1.label 2 3 4 5 6 7 7 8 9 10	sip_account.1.authentication_name	sip_account.1.user_id	MacAddress	provisioning.s	erver_address	provisioning.server_u	Isername pro	ovisioning.	server_ac	
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provisioning.server_address, provisioning.server_username and provisioning.server_access_password

Phone_Settings_Config.xlsx is a spreadsheet that contains all the parameters those require data fill for each room. Each row represents a specific MAC address, provisioning URL, username, and password if it is required for the provisioning server.

7. Once the data for the entire date for provisioning server is entered (URL & credentials), the file should look like the following.

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Datei Start Einfüg	gen Zeichnen Seitenlayout Form	neln Daten Überprü	üfen Ansicht	Automatisier	ren Hilfe		🖓 Kommenta	ire 🖻 🖻 F	reigeben 👻
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A1 ~ : 🗙	$(\checkmark f_x)$ sip_account.1.label								~
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1 sip_account.1.label	sip_account.1.authentication_name	sip_account.1.user_id	MacAddress	provisioning.	server_address	provisioning.se	rver_username	provision	ing.server
2 RM 101	141101	141101	000413668093	https://secure	e-provisioning.co	om hotelphone-11	01	LogMeIn-	123456789
3 RM 102	141102	141102	000413668073	https://secure	e-provisioning.co	m hotelphone-11	02	LogMeIn-	123456789
4 RM 103	141103	141103	000413670072	https://secure	e-provisioning.co	om hotelphone-11	03	LogMeIn-	123456789
5 RM 104	141104	141104	0004136600B7	https://secure	e-provisioning.co	om hotelphone-11	04	LogMeIn-	123456789
6 RM 105	141105	141105	000413660084	https://secure	e-provisioning.co	m hotelphone-11	05	LogMeIn-	123456789
7 RM 106	141106	141106	00041367803C	https://secure	e-provisioning.co	m hotelphone-11	06	LogMeIn-	123456789
8 RM 107	141107	141107	000413668053	https://secure	e-provisioning.co	om hotelphone-11	07	LogMeIn-	123456789
9 RM 108	141108	141108	00041367809E	https://secure	e-provisioning.co	m hotelphone-11	08	LogMeIn-	123456789
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Note: Make sure you save the XLSX file & close Excel, otherwise you will run into access conflicts.

6.3. Distribute Provisioning Parameters to Phones

- 1. Install phones in the network.
- 2. Use the Admin tool to discover all the phones those connect to the network.
- 3. On the **Push Config** Tab, in Step 1 Load the path to **Phone_Setting_Config.xls** generated in the previous section **Generate Master Room and Extension List**.
- 4. In Step 2 Load the path to the extracted backup files generated in the previous Section **Generate** Initial Backup.
- 5. Select all the hotel SIP phones discovered on the network.
- 6. Check the box before **Push Config by MAC address**. Click **Update**.

No. Line1 Ex. Line2 Ext. MAC Address IP Address Status BS Fimware Model Seta 0000 No. Line1 Ext. 000413668033 192.168.8.77 Unregistered 1.0.0.3 HD101 CHNL 0250 134350 000413668073 192.168.8.80 Unregistered 1.0.0.3 HD101 CHNL Sngle config fie C:VProgramData\Snom\SnomHotelSpAdmir Load 0202 134100 000413660087 192.168.8.82 Unregistered 1.0.0.3 HD100 CHNL 0231 134351 000413660084 192.168.8.85 Unregistered 1.0.0.3 HD100 CHNL 0231 134351 000413660087 192.168.8.85 Unregistered 1.0.0.3 HD351W CHNL 0310 134101 000413660033 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNL VInto 000413660035 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNL VInto 000413678035E 192.168.8.87 Unregistered <th>IP Range Single IP: [Start IP : [End IP : [</th> <th></th> <th>> ></th> <th>Start IP 192.168.8.1</th> <th>End IP 192.168.8.254</th> <th></th> <th>8/8 unit(s) Remove Discover</th> <th>]</th> <th>></th> <th>Push Config With Excel Fil Step 1: Select C:\ProgramE</th> <th>Upload e With Co phone specific s lata\Snom\Snom</th> <th>Monitor onfig File settings list (* xlsx) nHotelSipAdminTo</th> <th>Admin ol\P Load</th>	IP Range Single IP: [Start IP : [End IP : [> >	Start IP 192.168.8.1	End IP 192.168.8.254		8/8 unit(s) Remove Discover]	>	Push Config With Excel Fil Step 1: Select C:\ProgramE	Upload e With Co phone specific s lata\Snom\Snom	Monitor onfig File settings list (* xlsx) nHotelSipAdminTo	Admin ol\P Load
D350 134350 000413670072 192168.8.84 Unregistered 1.0.0.3 HD350W CHNL D020 134100 000413660087 192168.8.82 Unregistered 1.0.0.3 HD100 CHNL D0351 134351 000413660037 192168.8.82 Unregistered 1.0.0.3 HD100 CHNL D0351 134351 000413660037 192168.8.85 Unregistered 1.0.0.3 HD100 CHNL J4101 134101 000413660037 192168.8.85 Unregistered 1.0.0.3 HD351W CHNL J4101 134101 000413660037 192168.8.87 Unregistered 1.0.3 HD351W CHNL J4101 00041367809E 192168.8.87 Unregistered 1.0.3 HD351W CHNL J4101	Room No.	Line1 Ext.	Line2 Ext.	MAC Address 000413668093 000413668073	IP Address 192.168.8.79 192.168.8.80	Status Unregistered Unregistered	BS Firmware 1.0.0.3 1.0.0.3	Model HD101 HD101	Seria CHNL CHNL	Step 2: Select (model list Single c	golden configura) onfig file	ation file	
D351 134351 00041367803C 192.168.8.85 Unregistered 1.0.0.3 HD351W CHNL 34101 134101 000413668053 192.168.8.81 Unregistered 1.0.0.3 HD101 CHNL 4 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNL V 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNL V 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNL V V VIrregistered 1.0.0.3 HD351W CHNL V VIrregistered Note: Device will be rebooted automatically to activate the new config file settings.	HD350 2202	134350 134100		000413670072 0004136600B7 000413660084	192.168.8.84 192.168.8.82 192.168.8.86	Unregistered Unregistered Unregistered	1.0.0.3 1.0.0.3 1.0.0.3	HD350W HD100 HD100	CHNL CHNL CHNL	C:\Proc	ramData\Snom\	SnomHotelSipAdr	nin Load
✓ [Fush config by MAC address] Update Note: Device will be rebooted automatically to activate the new config file settings.	4D351 34101	134351 134101		00041367803C 000413668053 00041367809E	192.168.8.85 192.168.8.81 192.168.8.87	Unregistered Unregistered Unregistered	1.0.0.3 1.0.0.3 1.0.0.3	HD351W HD101 HD351W	CHNL CHNL CHNL				
										ViPush cor Note: Device config	fig by MAC addm will be rebooted file settings.	automatically to a	Update ctivate the ner

The provisioning URL will be pushed to each device. Once the phones are rebooting, they will automatically connect to the remote provisioning site.

7. Build Master Template for Bulk Distribution - Push Method Using Phones MAC Address

7.1. Generate Master Room and Extension List

1. Launch the Admin Tool.

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2. Click Tools on the menu bar and click telephone Phone Specific Settings Excel Generator. The following window will display. Select MacAddress from the Column List, place them in Column in Excel, remove all values from Columns in Excel that you do not need and add the ones you need. In the example below these are:

sip_account.1.primary_outbound_proxy_server_address

sip_account.1.primary_registration_server_address

sip_account.1.primary_registration_server_port

1. Select target models 2. Select and add target SIP phone parameters D350 D350W D101 D101 D101 D101 D101W D151W H0100W H0100W
Generate Vew Output Folder Close

Click Generate.

3. When it is complete, the following prompt will appear to confirm success. Click **OK** to clear the prompt and click **View Output Folder**.

Snom Phone Admini	stratio	n Tool		×						
Operation Finished. [C:\ProgramData\Sno Output\Phone_Settin	m\Sno gs_Co	omHotelSipAdminTool∖ onfig.xlsx] is created.	Phone_Setting_	_Excel_						
				ОК						
Phone_Setting_Excel_Out	tput								- C	ı ×
$\leftarrow \rightarrow \checkmark \uparrow$ w	indows	(C:) > ProgramData > Sno	om > SnomHotelS	ipAdminTool > Phor	ne_Setting_Excel_Output		~ (,	Phone_Setting_Excel_	Output
🖹 Dokumente	^	Name ^		Änderungsdatum	Тур	Größe				
🕹 Downloads		Phone_Settings_Cor	nfig.xlsx	11.09.2023 15:11	Microsoft Excel	6 KB				
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Videos										
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4. Double click **Phone_Settings_Config.xlsx** to open the configuration file that was generated in the steps above. There are two blank tabs in the excel file, use **LS_Series** tab.

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1 MacAddress 2 3 4 5 6 7 8 9 9	sip_account.1.label	sip_account.1.authentication_na	e sip_account.1.user_id	sip_account.1.auther	ntication_access_passwo	d sip_account.1.primar	y_outbound_prox
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5. Once the data for all the room numbers and extensions is enter, the file will look like the one below.

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A	L v	$X \sim f_x$ Mac	Address					~	
	А	В	С	D	E	F	G		
1	MacAddress	sip_account.1.label	sip_account.1.auth	sip_account.1.use	sip_account.1.authentication_acce	sip_account.1.primary_outbo(sip_ac		count.1.	
2	000413668093	RM-101	141101	141101	987654321	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
3	000413668073	RM-102	141102	141102	987654322	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
4	000413670072	RM-103	141103	141103	987654323	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
5	0004136600B7	RM-104	141104	141104	987654324	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
6	000413660084	RM-105	141105	141105	987654325	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
7	00041367803C	RM-106	141106	141106	987654326	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
8	000413668053	RM-107	141107	141107	987654327	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
9	00041367809E	RM-108	141108	141108	987654328	p1-prx-pbx.call-service-provicp1-pb	x.call-service-provide 5061		
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Note: Make sure you save the XLSX file & close Excel, otherwise you will run into access conflicts.



8. Push Configuration Data to All Phones

8.1. Configure a Discovered Phone

- Double click on the highlighted device to open the Web UI and begin the programming of the phone. Note: For details on programming a telephone manually, please refer to Hotel SIP telephone Configuration Guide.
- 2. Once you program and test the telephone against the PBX, make a backup of the phone's configuration file.

8.2. Mass Push

- 1. Launch the Admin Tool.
- 2. Enter the IP Address range in the network and click **Discover** to display the devices.
- 3. From the **Push Config** tab, click **Load** in step 1 browse to the location of **Phone_Settings_Config.xlsx** generated in a previous step 7.

💻 Snom H	otel SIP Phone Ad	Iministration Tool v	.3.5									-	- 🗆 X
File Tool	s												
IP Range									Push Cor	nfia I	Inload	Monitor	Admin
Single IP:		Start	P E	nd IP 2 168 8 254		8/8 unit(s)					opioda	Monitor	/ Millin
Start IP :			0.0.1	2.100.0.234		Remove			With E	Excel File	With (Config File	
End IP :								>	Step 1	: Select pho	ne specific	settings list (*.xlsx)	
						Discover			C:\Pr	rogramData∖	Snom\Sno	mHotelSipAdminTo	ol\P Load
Room No.	Line1 Ext.	MAC Address	IP Address	Status	BS Fim	ware Model	Serial Number		Step 2	: Select gold	len configu	ration file	
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB290523	00303	(mo	del list)			
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB290523	00271		Single config	file		
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB290523	00239	l	C:\Program[Data\Snorr	ı∖SnomHotelSipAdm	in Load
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB240523	00050					
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB240523	00001					
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB240523	00316					
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB290523	00118					
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB290523	00169					
< Login admin Done	password	Jear device list	Search	View		Refresh Rem	ove Reboot	>	Note:	ush config b Device will config file s	y MAC add	Iress d automatically to a	Update
Phone	Setting Excel O	Itput										_	
			D							-			5 101 1
$\leftarrow \rightarrow$	* ተ 🛄 « የ	/indows (C:) > Pr	ogramData > Si	nom > Snomr	ioteisip#	aminiooi > Phone_s	etting_Excel_Output			v c		Phone_Settin	g_Excel_Output
🗎 D	okumente	Nam	e			Änderungsdatum	Тур	Grö	Be				
🦊 D	ownloads	P	hone_Settings_C	onfig.xlsx		11.09.2023 15:11	Microsoft Excel.		6 KB				
_) №	lusik												
📑 V	ideos												
🛄 V	/indows (C:)												
🕱 S	hares (S:)	~											
1 Element													

- 4. Select the file and click Open.
- 5. In step 2, click **Load** to the right of Step 2 to locate the configuration file that resulted in 8.1.2.
- 6. Check the box left to Push Config by MAC address.
- 7. Select all the discovered devices within a specified range of IP addresses in the network.
- 8. Click **Update.** This will push the configuration to the SIP sets based on the MAC address.
- 9. View the History column on the display to monitor the configuration push. Once the configuration push process is complete, the following prompt appears. Click **OK** to clear the prompt.



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10. Click **Refresh** to view the settings after the configuration is complete.

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9. Bulk Firmware Upgrade

This procedure explains how to perform a firmware upgrade on multiple remote phones at once, to save time and standardize the firmware versions across your deployment.

9.1. Firmware Upgrade

- 1. Launch the Admin Tool.
- 2. Enter the IP Address range in the network and click **Discover** to display the devices.

Snom Hotel SIP Phone Administration Tool v4.3.5	– 🗆 X
File Tools	
IP Range Start IP End IP O unit(s) Start IP : > 192 168 8.1 192 168 8.254 Remove End IP : > Discover Discover	Push Config Upload Monitor Admin With Excel File With Config File Step 1: Select phone specific settings list (* xlax) Load
Room No. Line1 Ext. Line2 Ext. MAC Address IP Address Status BS Firmware Model Seria	Step 2: Select golden configuration file
Contraction password (flear device list Search View Befret) Remove Rebot	(model list) Single config file Load Push config by MAC address Update Note: Device will be rebooted automatically to activate the new config file settings.
Logini durimi passworu Ciedi uevice list Search View Herresh Hemove Heboot	
Done	

3. Select the Upload tab.

Snom Ho File Tools IP Range Single IP: Start IP: End IP:	;	dministration Tool v4.	8.1 192	d IP 2.168.8.254		8 unit(s) Remove Discover	>	Push Config (model list) Base Firmware	Upload	Monitor	- C X
Room No. RM-101	Line1 Ext.	MAC Address 000413668093	IP Address 192.168.8.79	Status Unregistered	BS Firmware 1.0.0.3	Model HD101	Serial Number CHNLB29052300303	Handset Firmw	are		
RM-102 RM-107	141102 141107 141103	000413668073 000413668053 000413670072	192.168.8.80 192.168.8.81	Unregistered Unregistered	1.0.0.3	HD101 HD101	CHNLB29052300271 CHNLB29052300239 CHNLB24052300316				Load
RM-103 RM-104 RM-108	141103 141104 141108	000413670072 0004136600B7 00041367809E	192.168.8.82 192.168.8.87	Unregistered Unregistered	1.0.0.3	HD100 HD351W	CHNLB29052300169 CHNLB24052300050	Deskset / Colo	or Handset Firmwa	re	
RM-105 RM-106	141105 141106	000413660084 00041367803C	192.168.8.86 192.168.8.85	Unregistered Unregistered	1.0.0.3 1.0.0.3	HD100 HD351W	CHNLB29052300118 CHNLB24052300001	Remote MOH			Load
											Load
٤							>				Update



4. Check the box left to **Base Firmware** and click **Load** to browse and select the latest base firmware.

🕮 Snom Hote	el SIP Phone Ad	Iministration Tool v4.3	3.5							-	- 🗆 X
File Tools											
IP Range Single IP: Start IP: End IP: End IP: RM-101 RM-102 RM-103 RM-104 RM-105 RM-106	Line1 Ed. 141101 141102 141107 141103 141103 141108 141105 141106	MAC Address 000413668093 000413668093 000413670072 000413670072 000413670072 000413670072 000413670072	E 8.1 19 192.168.8.79 192.168.8.80 192.168.8.80 192.168.8.81 192.168.8.82 192.168.8.85 192.168.8.85	A IP Status Unregistered Unregistered Unregistered Unregistered Unregistered Unregistered Unregistered Unregistered Unregistered	BS Firmware 1.0.0.3 1.0.0.3 1.0.0.3 1.0.0.3 1.0.0.3 1.0.0.3 1.0.0.3 1.0.0.3	8 unit(s) Remove Discover Model HD101 HD101 HD00 HD351W HD100 HD351W	Serial Number CHNLB29052300303 CHNLB29052300271 CHNLB29052300271 CHNLB29052300165 CHNLB24052300050 CHNLB24052300050 CHNLB24052300001	Push Config (model list Base Fim C.\TFTP Handset C.\TFTP Deskset / Remote N	Upload) ware -Root\HD101-1.C -Immware -Root\HD-X1-1.2 (Color Handset Fi 100H	Monitor	Admin Load Load
											Update
Login admin pa	assword C	lear device list	Search	View	Refre	sh Remove	Reboot				
Done											

5. Check the box left to **Handset Firmware** or **Deskset / Color Handset Firmware** (for HM201 only) and click **Load** to browse and select the latest handset firmware.

Select the phones you like to update and click Update to begin the upgrade process.
 Note: Make sure you select only the phones from the discovery list that match the model type of the selected firmware image. In the screenshot below the HD101 is the model type to be updated.

💻 Snom Hot	tel SIP Phone Ad	dministration Tool v4	.3.5					- 🗆 X
File Tools								
IP Range								Duck Castin Upload Manian Admin
Single IP:		Start IF	° Е	nd IP	3/	8 unit(s)		Fash Coning Opiolaa Monitor Admin
Start IP		192.168	3.8.1 19	2.168.8.254				(model list)
End IP		>			н	emove		Base Firmware
					D	iscover	>	C:\TFTP-Root\HD101-1.0.0.3-0.img
Room No.	Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model 4	Serial Number	Load
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169	Handset Firmware
RM-105	141105	000413660084	192.168.8.86	Unreaistered	1.0.0.3	HD100	CHNLB29052300118	C:\TFTP-Root\HS-X1-1.2.15-0.img
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	load
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Deskset / Color Handset Firmware
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316	
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001	Load
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	Remote MOH
								Load
								Update
<							>	
Login admin p	assword (Clear device list	Search	View	Refresh	Remove	Reboot	
Done								

IMPORTANT NOTE:

Please do not Power off or unplug the SIP Handset and base during the firmware upgrade.

Monitor the upgrade progress by viewing the **Operation History** Column on the Admin Tool by moving the scrollbar to the right. The followings will show.

🚨 Snom Hot	el SIP Phone Admir	nistration Tool v4.3.5										- 0	×
File Tools													
IP Range				5.110	_		_	[Push Config	Upload	Monitor	Admin	
Single IP:		> 192 168 8 1		End IP 192 168 8 254		3/8 unit(s)							
Start IP :		132.100.0.1		132,100.0.234		Remove	1		(model list)				
End IP :		>					1	>	Base Firm	Paget UD 101 1 (0.2.0 ima		
						Discover			C.VIPTP	-NOOL NED TO I-1.0	.0.3-0.ing		
Firmware	Model	Serial Number	Config	Frequency Band	HS1 Firmware	HS2 Firmware	Operation History					Lo	bad
3	HD100	CHNLB29052300169	0.00.00				Discover device success		✓ Handset F	imware			
.3	HD100	CHNLB29052300118	0.00.00				Discover device success		C:\TFTP	-Root\HS-X1-1.2	.15-0.img		
.3	HD101	CHNLB29052300239	0.00.00	EU	1.1.26-0	1.1.26-0	Upload success						oad
.3	HD101	CHNLB29052300271	0.00.00	EU	1.2.15-0		Upload success						
.3	HD101	CHNLB29052300303	0.00.00	EU	1.1.26-0	1.1.26-0	Upload success		Deskset /	Color Handset H	mware		
3	HD350W	CHNLB24052300316	0.00.00				Discover device success						
3	HD351W	CHNLB24052300001	0.00.00		1.2.15-0		Discover device success					Lo	ad
.3	HD351W	CHNLB24052300050	0.00.00		1.2.15-0	1.2.15-0	Discover device success	-	Remote N	ЮН			
													Jau
												Update	
						_							
								_					
Login admin p	assword Clear	r device list S	earch	View	Refresh	Remo	ove Reboot						
Dono													

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9.2. Upload MOH File

To upload a MOH file, please follow the steps below:

- 1. Click Upload Tab.
- 2. Check the box left to Remote MOH and click Load to browse a .wav audio file.
- 3. Select all the discovered phones and click **Update** to begin the uploading.

📠 Snom Ho	otel SIP Phone A	dministration Tool v4	1.3.5							-	- 🗆 X
File Tools	ls										
IP Range Single IP: [Start IP : [End IP : [> 192.16 >	P E 8.8.1 19	nd IP 2.168.8.254		8/8 unit(s) Remove Discover	>	Push Config (model list) Base Firmw	Upload are	Monitor	Admin
Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number				Load
		000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Handset Fir	mware		
		000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271				
		000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303				Load
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316	Deskeet //	Color Handoot D		
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169	Deskset / C	Joior Handset Hi	mware	
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118				
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001				Load
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	Remote MC	ЭН		
								C:\TFTP-F	Root \Hotel-MOH	wav	Load
<					1		>				Update
Login admin	password	Clear device list	Search	View	Refr	esh Remove	Reboot				
Done											

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10. Monitor

The Admin Tool supports monitoring the network for hotel SIP phones to display the registration status of all selected IP ranges.

Network scanning can run on a manual basis or automatically at predetermined intervals.

Scan result displays on the Admin Tool. The scheduled auto scan report will be sent to the predefined E-mail addresses automatically.

To setup monitoring, please follow the steps below:

- 1. Launch the Admin Tool.
- 2. Select the Monitor tab.

💻 Snom Ho	tel SIP Phone A	dministration Tool v4	1.3.5							_	- 0	×
File Tools												
1110 10013	,											
IP Range Single IP: Start IP : End IP :		Start 192.16	P Er 8.8.1 19	nd IP 2.168.8.254		1/8 unit(s) Remove Discover	>	Push Config Scan Master Con	Upload Report fig File Path (.xlsx	Monitor)	Admin	bad
Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number		t of Panco Doto	s ntion Donor	Eull Report	~
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303		it of hange belet	cuon nepoi	t di Neport	
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	IP Range	Start IP	End IP		
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316		192.168.8.1	192.168.8	.254	
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169					
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118					
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001					
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Schedule Sci	an Manual S	ican		
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	Start Time:	(e.g. 15:08)) Every:	1 minutes	\sim
								Alert by E Send fa SMTP Sen User Na User En Passw Recipient En Note: Multip	nail uit report only ver: me: me: nail: nail: le recipient email	(F	Port: Port: Require SSL Send Test M. Start Schedu ma or line brea	ail le ak
<	password (Clear device list	Search	View	Refre	sh Remove	Reboot			V	iew Report Fo	lder
Done												

10.1. Manual Scan

1. Select Manual Scan tab.

🕮 Snom Hote	el SIP Phone Ad	Iministration Tool v4.3	3.5							_	· 🗆	×
File Tools												
IP Range								D 1 C C		Monitor		
Single IP:		> Start IP	Er 8.1 19	nd IP 2.168.8.254	1.	/8 unit(s)		Push Config	Upioad	MONIEON	Admin	
Start IP :					-	Remove		Scan	Report			
End IP :							>	Master Cor	fig File Path (xlsx)		_	
						liscover					L	bad
Boom No	Line1 Ext	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Monito	or by MAC Address			
RM-101	141101	000413668093	192,168,8,79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	Handset O	ut of Range Detec	tion Report	Full Report	~
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	IP Range	Start IP	End IP		
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316		192.168.8.1	192.168.8	254	
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169					
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118					
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001			_		
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Schedule Sc	an Manual S	can		
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050					
								- Manual Sca	Scan n Now			
<							>					
Login admin pa	assword C	lear device list	Search	View	Refresh	Remove	Reboot			Vi	ew Report Fo	lder
Done												

2. If the checked items are different before pressing **Scan Now**, the focus of the scan report will be different.

🕮 Snom Hote	Snom Hotel SIP Phone Administration Tool v4.3.5 — 🗆 🛛 🗸										
File Tools											
											l
IP Range								D 1 C C		lanitar	
Single IP		Start IP	Er	nd IP		1/8 unit(s)		Push Conlig	opioau	-ioracor	Admin
Start IP		192.168	.8.1 19)	2.168.8.254			_	Scan	Report		
End IP :		= >				Remove		Master Config F	File Path (.xlsx)		
						Discover	-				Load
	-							Monitor by	MAC Address		
Room No.	Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Handset Out of	f Range Detection	Report	Full Report \sim
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	IP Range St	tart IP	End IP	
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD TOT	CHNLB29052300271	192	2.168.8.1	192.168.8.	254
RM-104	141103	000413660087	192 168 8 82	Unregistered	1003	HD100	CHNLB29052300169				
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118				
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001]
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Schedule Scan	Manual Scan		
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050				
								Manual Scar	n		
								Scan No	w		
<							>			16.	Denet Falder
Login admin pa	issword C	lear device list	Search	View	Refres	sh Remove	Reboot			Vie	w nepot rolder
Done											

Note:

1. IP range is required. Before scanning, at least one IP range must be selected.

- 2. To select multiple IP ranges, press and hold **Ctrl**, and then click the IP ranges you want to select one by one.
- 3. If you check the box left to **Master Config File Path (.xlsx)**, you must import **Master Config File** by clicking **Load**.

Checked Item		Scan result						
Master Config	File Path (.xlsx)	List the extension numbers of the phones those do not exist in Master Config File within the IP range.						
Monitor by MA	C Address	List the MAC addresses of the phones those do not exist in the Master Config File within the IP range.						
Handset Out o	f Range Detection	List the Out-of-Range cordless handsets.						
Option 1	The box next to N	laster Config File Path (.xisx) unchecked						
Steps	1. Check the box 2. Press Scan N	next to Handset Out of Range. ow.						
Scan report	List the Out-of-Ra	nge cordless handsets.						
Option 2	The box next to N	aster Config File Path (.xlsx) checked						
Scan Steps	1. Create Master	^r Config File.						
	2. Check the box	next to Master Config File Path (.xlsx).						
	3. Import Master	Config File.						
	4. Press Scan N	OW.						
Scan report	List the extension	numbers of the phones those do not exist in Master Config File						
	within the IP rang	е.						
Option 3	The box next to N	aster Config File Path (.xlsx) checked						
Scan Steps	1. Create Maste	Config File.						
	2. Check the box	es next to Master Config File Path (.xlsx) and Handset Out of						
	Range respec	tively.						
	3. Import Master	Config File.						
Coordinate and	4. Press Scan N	OW.						
Scan report	List the extension	numbers of the phones those do not exist in the Master Config						
	File Path (.xisx) w	Itnin the IP range.						
	List the Out-ol-Ra	nge cordiess nandsets.						
Option 4	The box next to N	aster Config File Path (visy) checked						
Scan Stens	1 Create Master							
ocan oteps	2 Check the box	es next to Master Config File Path (xisx) and Monitor by MAC						
	Address resp	ectively						
	3 Import Master	Config File						
	4. Press Scan N	ow.						
Scan report	List the MAC add	resses of the phones those do not exist in Master Config File						
	within the IP rang	e.						
Option 5	The box next to N	laster Config File Path (.xlsx) checked						
Scan Steps	1. Create Maste	Config File.						
	2. Check the box	es next to Master Config File Path (.xlsx), Monitor by MAC						
	Address and	Handset Out of Range respectively.						
	3. Import Master	Config File.						
	4. Press Scan N	ow.						
Scan report	List the MAC add	dresses of the phones those do not exist in Master Config File Path						
	(.xlsx) within the I	e IP range.						
	List the Out-of-Ra	ange cordless handsets.						

4. Click Scan Now.

Snom Hot	el SIP Phone Ad	Iministration Tool v4.	3.5							-	- 🗆 X
File 100is											
IP Range Single IP: Start IP : End IP :		> Start IP 192.168	.8.1 19	nd IP 2.168.8.254		1/8 unit(s) Remove Discover	>	Push Config Scan Master Conf C:\Program	Upload Report ig File Path (xlsx nData\Snom\Sn by MAC Address	Monitor) om Hotel Sip Admin	Admin Tool\F Load
Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Handset Ou	t of Range Dete	ction Repor	t Full Report 🗸
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303		t of Hunge Deter	неро	
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	✓ IP Range	Start IP	End IP	
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316		192.168.8.1	192.168.8	3.254
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169				
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118				
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001	l			
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Schedule Sca	n Manual S	ican	
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050				
								Manual S	Now		
<	assword C	Clear device list	Search	View	Refre	sh Remove	> Reboot			V	iew Report Folder
Done					<u> </u>						

5. Once the scanning process is complete, the report will automatically display on the **Report** Tab.

💻 Snom H	lotel SIP Phone Ad	dministration Tool v	4.3.5								:	×
File Too	ls											
IP Range								Burk Carfe	Universit	Monitor	Admin	
Circle ID:	1	Start	IP Er	nd IP		1/8 unit(s)		Push Config	Upioad	Monicor	Admin	
Start ID -	<u> </u>	192.10	58.8.1 19.	2.168.8.254		_	_	Scan	Repo	t		
End IP :		- >				Remove					,	
End II .						Discover	>	Snom SIP p Scanned IF	hone monito address:	oring summary	192.168	
Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	End Time:			2023.05	
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	Scanned Sr	nom phone: 8	3		
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	8 units un 5 u	nder monitor	ing list (0 Regis	tered)	
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316	3 I	inits NOT RE	EACHÀBLE		
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169	NOT REACH/ Room number	BLE phone t MAC Ad	info: Idress		
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118	RM-101 RM-102	00041	3668093 3668073		
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001	RM-107	000413	3668053		
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	ONLINE pho Room numbe	one info: er Line1	Extension	Line2 Exte	
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	RM-103 RM-104	141103 141104	3 4		
								RM-105 RM-106	141109 141100	5		
								RM-108	141108	3		
								(Remarks:	Y = registe	ered, N = unr	registered)	
								Handset De	tail:			
								Room numbe	er Extens	sion In	range(IPEI)	
								RM-106	141100	5 038	3079B8D2	
								RM-108	141108	3 038	3077A5E1	
								<			>	Ĭ.
												-
<							>	Last scan end	time: 13:28	Online: 5 N	ot Reachable: 3	
Login admin	n and (lear device list	Saamb	View	Pot	meh Remove	Pahaat				View Report Folder	
Login admin	i passivui d	ciedi uevicë list	Jeardh	view	nei	Remove	hebool					
Done												

About Master Config File

Master Config File is an excel spreadsheet in xlsx format which lists the target phones to be scanned within the specified and selected IP range.

Phones' Excel Column Headings:

MacAddress, sip_account.1.user_id

	А	В
1	MacAddress	sip_account.1.user_id
2	000413668093	141101
3	000413668073	141102
4	000413670072	141103
5	0004136600B7	141104
6	000413660084	141105
7	00041367803C	141106
8	000413668053	141107
9	00041367809E	141108
10		

NOTE: SIP Account 1 User ID means Line 1 Ext. and telephone extension number.

10.2. Scheduled Auto Scan

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- 1. Select Schedule.
- 2. Enter the start time for the next scan to proceed. Input the time interval for the scan. Click **Start Schedule**.

🕮 Snom H	lotel SIP Phone A	Administration Tool v	/4.3.5							-	>
File Too	ols										
IP Range								Push Config	Lipload	Monitor	Admin
Single IP:		Start	IP E	nd IP		1/8 unit(s)		. don coming	opicad		
Start IP :		132.1	00.0.1	2.100.0.204		Permove		Scan	Report		
End IP :		>				Tieniove	>	Master Cor	nfig File Path (xls»	:)	
						Discover	-	C:\Progra	amData\Snom\Sn	om Hotel Sip Admin	Tool\F Load
				-				Monitor Monitor	or by MAC Addres	S	
Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Handset O	ut of Range Dete	ction Repo	rt Full Report
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	✓ IP Range	Start IP	End IP	
RM-102	141102	000413650073	192.100.0.00	Unregistered	1.0.0.3	HD 250W	CHNLB23052300271		192.168.8.1	192,168,8	8.254
RM-104	141103	0004136600B7	192 168 8 82	Unregistered	1003	HD100	CHNI B29052300316				
BM-105	141105	000413660084	192 168 8 86	Unregistered	1003	HD100	CHNLB29052300118				
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001				
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Schedule Sc	an Manual	Scan	
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050		mandar		
		1			1			Start Time: 5	5:30 (e.g.15:08) Every:	30 minutes ~
								Alert by E	mail	(1	Range: 1 - 60)
								Send fa	ault report only		
								SMTP Se	rver:		Port:
								User Na	ame:		
								User E	mail:		
								Passw Decision D	/ord:	~	Require SSL
								Necipient E	IIIdil.	^	Send Test Mail
											Start Schedule
								Note: Multi	ple recipient email	seperated by con	nma or line break
<							>				
						-	-			N	/iew Report Folder
Login admir	n password	Clear device list	Search	View	Refresh	Remove	Reboot				
Done											

3. A scheduled scan will run at the time and frequency you set.

10.3. E-mail Notification of Scheduled Auto Scan Report

- 1. Select Schedule Scan tab. Check the box of Alert by E-mail.
- 2. Fill in the following blanks:
 - SMTP Server
 - User Name
 - User E-mail
 - Password
 - Recipient E-mail

Note: Separate multiple recipients' E-mail addresses by comma or line break.

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File Tools	;											
IP Range		Start I	P Er	nd IP				Push Config	Upload	Monitor	Admin	
Single IP:		> 192.16	8.8.1 19	2.168.8.254		1/8 unit(s)		Soon				
Start IP :						Remove		Joan	пероп			
End IP :						2	>	Master Confi	g File Path (.xlsx)			
						Discover		C:\Program	Data\Snom\Snor	nHotelSipAdmin	Lool/F Lo	ad
Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Monitor	by MAC Address	_	5 H D	
RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	Handset Out	of Range Detect	ion Repo	rt Full Report	~
RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	✓ IP Range	Start IP	End IP		
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316		192.168.8.1	192.168.	8.254	
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169					
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118					
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001	L				
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	Schedule Sca	n Manual Sc	an		
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	Start Time: 5:	(e.g. 15:08)	Every:	30 minutes	~
								Alert by Em	ail	()	Range: 1 - 60)	- 1
								Send fau	It report only			
								SMTP Serv	er		Port	71
								User Nam	ne:			- 1
								User Em	ail:			- II
								Passwo	rd:		Require SSL	- II
								Recipient Em	ail:	~	Send Test Ma	ail
										\sim	Start Schedul	e
								Note: Multiple	e recipient email s	eperated by con	nma or line brea	ak
<							>					
Login admin p	password C	lear device list	Search	View	Refres	sh Remove	Reboot			1	/iew Report Fol	.der
Done												

3. Select **Start Schedule.** After scanning, the result will be sent to the specified E-mail addresses automatically.



11. Admin Configuration

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The Admin Tool gives administrator the ability to change the password of all the hotel SIP phones within the specified and selected IP range at one time.

1. Launch the Admin Tool and then select the **Admin** tab.

	el SIP Phone A	dministration Tool v4.	3.5							- 🗆
File Tools										
P Range										
		Start IF	, Er	nd IP		I/8 unit(s)		Push Config Upload	Monitor	Admin
Single IP:		> 192.168	8.8.1 192	2.168.8.254		(-)		Change password		
		>				Remove		onange password		
						Discover	>	(model list)		
								Enter Old Password:		
Room No.	⊾ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Enter New Password:		
M-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	Re-enter New Password:		
M-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271			
RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316			
RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169	Apply		
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118			
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001			
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239			
M-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050			
							>			

2. Select the hotel phones that you would like to change their passwords in the network.

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File Tools												
IP Range		Start IP	E	nd IP		1/0 1/1		Push Config	Upload	Monitor	Admin	
Single IP: Start IP : End IP :		> 192.168	.8.1 19	2.168.8.254		1/8 unit(s) Remove Discover	>	Change (model lis	password			
Daras Na	Lined De	MAC Address	ID Address	Chathur	DC Comment	Madal	Carial Number	Enter Old Enter Nev	Password: / Password:			
RM 101	141101	000412669092	102 100 0 70	Uprodictored	1002	HD101		Re-enter	New Password:			
RM-102	141102	000413668073	192 169 9 90	Unregistered	1.0.0.3	HD101	CHNLB29052300303					
RM-103	141103	000413670072	192 168 8 84	Unregistered	1003	HD350W	CHNI B24052300316					
RM-104	141104	0004136600B7	192 168 8 82	Unregistered	1003	HD100	CHNI B29052300169	Apply				
RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118					
RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001					
RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239					
RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050					
<							>					
Login admin p	assword (Clear device list	Search	View	Refre	sh Remove	Reboot					
Done												



3. Enter the new password based on the requirements and confirm by re-entering. Click Apply.

Room No. Line 1 Ext. MAC Address IP Address Status BS Fimware Model Senal Number RM-101 141101 000413660093 192.168.8.07 Unregistered 1.0.0.3 HD101 CHNLB29052300303 RM-102 141102 000413660073 192.168.8.80 Unregistered 1.0.0.3 HD101 CHNLB29052300301 RM-103 141103 000413660077 192.168.8.84 Unregistered 1.0.0.3 HD100 CHNLB2405230016 RM-104 141104 000413660087 192.168.8.84 Unregistered 1.0.0.3 HD100 CHNLB2405230016 RM-105 141106 000413660084 192.168.8.86 Unregistered 1.0.0.3 HD101 CHNLB2405230001 RM-106 141106 00041366083 192.168.8.87 Unregistered 1.0.0.3 HD31W CHNLB24052300050 RM-108 141108 00041366085 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050 RM-108 141108 00041367809E 192.168.8.87 Unregister	IP Range Single IP: Start IP : End IP :		Start If 192 164	P Er 8.8.1 19	nd IP 2.168.8.254		1/8 unit(s) Remove Discover	>	Push Config Upload Monitor Admin Change password (model list) Enter Old Password:
RM-101 14101 000413668093 192.168.8.79 Unregistered 1.0.3 HD101 CHNLB29052300210 RM-102 141102 000413668073 192.168.8.80 Unregistered 1.0.3 HD101 CHNLB29052300210 RM-103 141103 000413660073 192.168.8.44 Unregistered 1.0.3 HD100 CHNLB2052300160 RM-105 141105 00041366007 192.168.8.42 Unregistered 1.0.3 HD100 CHNLB2052300160 RM-105 141106 000413660084 192.168.8.85 Unregistered 1.0.3 HD100 CHNLB2052300160 RM-106 141106 0004136680853 192.168.8.85 Unregistered 1.0.3 HD101 CHNLB2052300201 RM-107 141107 0004136580853 192.168.8.87 Unregistered 1.0.3 HD31W CHNLB24052300050 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.3 HD31W CHNLB24052300050 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.3 HD31W CHNLB24052300050 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.3 HD31W CHNLB24052300050 RM-108 14	Room No.	▲ Line1 Ext.	MAC Address	IP Address	Status	BS Firmware	Model	Serial Number	Enter New Password:
RM-102 141102 000413668073 192.168.8.80 Unregistered 1.0.3 HD101 CHNLB2052300271 RM-103 141103 000413670072 192.168.8.84 Unregistered 1.0.3 HD350W CHNLB24052300316 RM-104 141104 000413660087 192.168.8.82 Unregistered 1.0.3 HD100 CHNLB24052300169 RM-105 141105 000413660084 192.168.8.82 Unregistered 1.0.3 HD31W CHNLB24052300259 RM-106 141105 00041367803C 192.168.8.81 Unregistered 1.0.3 HD351W CHNLB24052300259 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.3 HD351W CHNLB24052300259 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.3 HD351W CHNLB24052300259 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.3 HD351W CHNLB2405230050	RM-101	141101	000413668093	192.168.8.79	Unregistered	1.0.0.3	HD101	CHNLB29052300303	Re-enter New Password:
RM-103 141103 000413670072 192.168.8.44 Unregistered 1.0.0.3 HD350W CHNLB2405230016 RM-104 141104 000413660087 192.168.8.82 Unregistered 1.0.0.3 HD100 CHNLB29052300169 RM-105 141105 00041367803C 192.168.8.85 Unregistered 1.0.0.3 HD100 CHNLB29052300169 RM-106 141106 00041367803C 192.168.8.85 Unregistered 1.0.0.3 HD101 CHNLB2405230001 RM-107 141107 000413668053 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB2405230001 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050	RM-102	141102	000413668073	192.168.8.80	Unregistered	1.0.0.3	HD101	CHNLB29052300271	
RM-104 141104 000413660087 192.168.8.82 Unregistered 1.0.03 HD100 CHNLB29052300169 RM-105 141105 00413660084 192.168.8.85 Unregistered 1.0.03 HD100 CHNLB29052300169 RM-106 141106 0041367803C 192.168.8.85 Unregistered 1.0.03 HD101 CHNLB29052300180 RM-107 141107 000413668053 192.168.8.87 Unregistered 1.0.03 HD101 CHNLB29052300203 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050	RM-103	141103	000413670072	192.168.8.84	Unregistered	1.0.0.3	HD350W	CHNLB24052300316	
RM-105 141105 000413660064 192.168.8.86 Unregistered 10.03 HD100 CHNLB2905230018 RM-106 141106 00041367803C 192.168.8.85 Unregistered 10.03 HD101 CHNLB2405230001 RM-107 141107 000413668053 192.168.8.87 Unregistered 10.03 HD101 CHNLB2405230023 RM-108 141108 00041367809E 192.168.8.87 Unregistered 10.03 HD101 CHNLB2405230023 RM-108 141108 00041367809E 192.168.8.87 Unregistered 10.0.3 HD351W CHNLB24052300201	RM-104	141104	0004136600B7	192.168.8.82	Unregistered	1.0.0.3	HD100	CHNLB29052300169	Apply
RM-106 141106 00041367803C 192.168.8.85 Unregistered 1.0.0.3 HD351W CHNLB2405230001 RM-107 141107 000413668033 192.168.8.81 Unregistered 1.0.0.3 HD101 CHNLB24052300021 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050 RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050	RM-105	141105	000413660084	192.168.8.86	Unregistered	1.0.0.3	HD100	CHNLB29052300118	
RM-107 141107 000413668053 192.158.8.81 Unregistered 1.0.0.3 HD101 CHNLB29052300239 RM-108 141108 00041367809E 192.158.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050	RM-106	141106	00041367803C	192.168.8.85	Unregistered	1.0.0.3	HD351W	CHNLB24052300001	
RM-108 141108 00041367809E 192.168.8.87 Unregistered 1.0.0.3 HD351W CHNLB24052300050	RM-107	141107	000413668053	192.168.8.81	Unregistered	1.0.0.3	HD101	CHNLB29052300239	
<	RM-108	141108	00041367809E	192.168.8.87	Unregistered	1.0.0.3	HD351W	CHNLB24052300050	
< >>									

4. Once the operation is complete, the following prompt will appear. Click OK to clear the prompt.



5. View the History Column of the Admin Tool to verify if the operation is successful.





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