

How to Set up VOI-1000 or 1020 with GNUGK (Gatekeeper) Server?



GNUGK is free software to install on a server and run as a gatekeeper. A gatekeeper will allow the VOI-1000/1020 to register a number. Then you do not need to dial the IP address of remote H.323 VoIP gateway instead dial the number. It makes making VoIP phone call much easier.

1. Please download the GNUGK from http://www.gnugk.org/h323download.html

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- 2. Please install GNUGK.
- 3. Please note during installation, un tick "Require User Passwords".

😪 Setup - GNU Gatekeeper	
۲۲ Select Additional Tasks Which additional tasks should be performed?	GnuGk
Select the additional tasks you would like Setup to perform while installing GNU Gatekeeper, then click Next.	
Require User Passwords (Simple Password Authentication)	
Install on private LAN but still send/receive calls from the Internet	
🗹 Install as Service	
Allow users access to status port	
< <u>Back</u> <u>N</u> ext>	Cancel

- 4. Make sure your GNUGK server is connected to Internet with Public IP address or connected to the DMZ port of a router with Public IP address.
- 5. Click on the "Monitor"



6. You will see the monitoring screen of GNUGK server. Enter "help" you can see the list of command, "?" for registered End Point.



- 7. Configure your VOI-1000. You can refer to the User Manual for telnet and keypad configuration. You will need to configure.
 - #051 Enable PPPoE
 - #06 Enter PPPoE User Name
 - #07 PPPoE password
 - #201 Enable Gatekeeper mode
 - #21 Gatekeeper IP address (In this example, 61.31.189.162)
 - #23 Enter the Alias name you want to show in GNUGK, for easy management.
 - #24 Enter the number you want to register, any number you can remember. (Here is 1003)

The rest you can keep as default.

🐼 Telnet 61.31.161.196		- 🗆 🗙
firmware version: 007s		
hardware address: 00116	6bc00633/12584499/000012	
password	#01	
volume [0999]	#03820	
pppoe [0¦1]	#051 ``	
pppoe username	#06ac01436368	
pppoe password	#071436368	
reserved [-]	#10	
ip address	#11192168000003	
subnet mask	#12255255255000	
router ip address	#13192168000001	
voip port number	#141720	
gatekeeper mode [02]	#201	
gatekeeper ip address	#21061031189162	
gatekeeper id [-]	#22GnuGk	
alias name	#23ttt	
alias number	#241003	
endpoint id [-]	#258804_endp	
time to live [032]m	#261	
codec selection [02]	#300	
hot line mode [0¦1]	#400	
stored ip/alias number	#80-99:	
and the second		
ок		
>_		

- 8. Configure your second VOI-1000.
 - #051 Enable PPPoE
 - #06 Enter PPPoE User Name
 - #07 PPPoE password
 - #201 Enable Gatekeeper mode
 - #21 Gatekeeper IP address (In this example, 61.31.189.162)
 - #23 Enter the Alias name you want to show in GNUGK, for easy management.
 - #24 Enter the number you want to register, any number you can remember. (Here 1004)

The rest you can keep as default.

🖼 Telnet 219.81.162.80		- 🗆 🗙
'.' - exit	N	·
>?		
firmware version: 007s		
hardware address: 00116	bc00632/12584498/000012	
password	#01	
volume [0999]	#03820	
pppoe [0¦1]	#051	
pppoe username	#06ac01436368	
pppoe password	#07	
reserved [-]	#10	
ip address	#11192168000004	
subnet mask	#12255255255000	
router ip address	#13192168000001	
voip port number	#141720	
gatekeeper mode [02]	#201	
gatekeeper ip address	#21061031189162	
gatekeeper id [-]	#22GnuGk	
alias name	#23yyy	
alias number	#241004	
endpoint id [-]	#258803_endp	
time to live [032]m	#261	
codec selection [02]	#300	
hot line mode [0¦1]	#400	
stored ip/alias number	#80-99:	
ок		-

- 9. Connect the VOI-1000 to your ADSL line, power up it will automatically dial PPPoE you had configured.
- 10. You can now dial 1003 from 1004, 1003 phone will ring. You do not need to remember the IP address of remote party anymore.

🐼 Telnet 219.81.162.80		- 🗆 ×
'.' - exit	*	
>?		
firmware version: 007s		
hardware address: 00116	bc00632/12584498/000012	
password	#01	
volume [0999]	#03820	
pppoe [0¦1]	#051	
pppoe username	#06ac01436368	
pppoe password	#07	
reserved [-]	#10	
ip address	#11192168000004	
subnet mask	#12255255255000	
router ip address	#13192168000001	
voip port number	#141720	
gatekeeper mode [02]	#201	
gatekeeper ip address	#21061031189162	
gatekeeper id [-]	#22GnuGk	
alias name	#23ууу	
alias number	#241004	
endpoint id [-]	#258803_endp	
time to live [032]m	#261	
codec selection [02]	#300	
hot line mode [0¦1]	#400	
stored ip/alias number	#80-99:	
ок		-