Click on Add to create a new Static Route. Enter the destination network address, subnet mask, gateway AND/OR available WAN interface then click "Save Settings" to add the entry to the routing table. (Figure 6-10-1, 6-10-2)

💎 ТЕСОМ	TECOM GW6000 Configuration Firmware Version: GW6000_R2_V1.1.0_Generic
Device Info Advanced - LAN • WAN • Conte • Static Route • RuP • Nat • Context of Service • Dynamic DNS • Voice • Management • Diagnostics	Routing Static Route Add Enter the destination network address, subnet mask, gateway AND/OR available WAN interface then click "Save Settings" to add the entry to the routing table. Destination Network Address: Subnet Mask: Use Gateway IP Address Use Interface eth_0/eth0 Save Settings Cancel Changes

Figure 6-10-2. Advanced Setup – Route – Static Route – Add

6.4.3.2 RIP

To activate RIP for the device, select the 'Enabled' radio button for Global RIP Mode. To configure an individual interface, select the desired RIP version and operation, followed by placing a check in the 'Enabled' checkbox for the interface. Click the 'Apply' button to save the configuration, and to start or stop RIP based on the Global RIP mode selected. (Figure 6-11)

💎 тесом			TECON	GW6000 C	Firmware Version: GW6000_R2_V1.1.0_Ger	neric
Device Info Advanced - Lan - Wan - Wan - Static Route - Static Route - RIP - CNat - CSecurity COuntify of Service	Routing To activa individual 'Enabled' start or si Global RIP	te RIP Cor te RIP for the interface, se checkbox fo top RIP base Mode Di	figuration e device, sele elect the desir or the interfact ed on the Glob sabled O En:	the 'Enabled' radio bu RIP version and ope Click the 'Save Setting RIP mode selected. ad	utton for Global RIP Mode. To configure an eration, followed by placing a check in the gs' button to save the configuration, and to	
- Dynamic DNS	Interface	Version	Operation	nabled		
Management	brO	2 💌	Active 👻			
Diagnostics	eth0	2 👻	Passive 👻			
	8	ave Settings	Cance	hanges		

Figure 6-11. Advanced Setup – Route – RIP

6.4.4 NAT

It's separated into three parts: Virtual Servers, Port Trigger, and DMZ.

6.4.4.1 Virtual Servers

Virtual Server allows you to direct incoming traffic from WAN side (identified by Protocol, IP address and service port) to the internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. (Figure 6-12-1, Figure 6-12-2)

7 тесом		Т	ECOM O	W60	10 O 00	nfigurat Firmware Vers	ion: GVV6000	_R2_V1.1.0_Gene
Device Info Advanced LAN WAN ^{The} Route - Static Route - RIP	NAT V This page port) to th the exterr A maximu	irtual Servers allows you to c e Internal serve al port needs to um 32 entries ca	lirect incoming r with private IF be converted an be configure	traffic fror address to a differe d.	m WAN side on the LAN s ent port numb	(identified by F ide. The Intern er used by the	rotocol and E al port is requ server on th	xternal lired only if e LAN side.
What Yurtual Servers Port Trigger DMZ We security Woice Dynamic DNS Management Diagnostics	Server Name	External Port Start	External Port End	Add	Internal Port Start Remove	Internal Port End	Server IP Address	Remove

Figure 6-12-1. Advanced Setup – NAT – Virtual Servers

	TECOM GW6000 Configuration
TECOM	Firmware Version: GW6000_R2_V1.1.0_Ger
Device Info Advanced - LAN - WAN - PRoute - Print Servers - Port Trigger - DMZ - PSecurity - Proulity of Service - Dynamic DNS Wireless	NAT Virtual Servers Select the service name, and enter the server IP address and click "Save Settings" to forward IP packets for this service to the specified server. NOTE: The "Internal Port End" cannot be changed. It is the same as "External Port End" normally and will be the same as the "Internal Port Start" or "External Port End" if either one is modified. Server Name: Server Name: Custom Server: Server IP Address: 192.168.1.
oice	
lanagement Jiagnostics	External Port Start External Port End Protocol Internal Port Start Internal Port End
	TCP 🔽
	ТСР 💌
	TCP 👻
	TCP 🗸
	TCP
	TCP V
	TCP
	TOD II

Figure 6-12-2. Advanced Setup – NAT – Virtual Servers – Add

6.4.4.2 Port Triggering

Some applications require that specific port(s) in the Router's firewall be opened for access by the remote parties. Port Trigger dynamically opens up the 'Open Ports' in the firewall when an application on the LAN initiates a TCP/UDP connection to a remote party using the 'Triggering Ports'. The Router allows the remote party from the WAN side to establish new connections back to the application on the LAN side using the 'Open Ports'. (Figure 6-13-1, 6-13-2)

v							Fir	mware	Version:	GW6000_R2_V1.1.0_Generi
Device Info	NAT Port Trigg	ering								
- LAN - WAN - WAN - Static Route - Static Route - RIP - RIP - RIP	Some applications r remote parties. Port on the LAN initiates allows the remote p the LAN side using t	equire that s Trigger dyna a TCP/UDP arty from the he 'Open Po	pecific p amically connecti VVAN si rts'. A m	orts in opens ion to a de to e aximur	the F up th rem stab m 32	Router's ne 'Open note party lish new ! entries	firewa Ports y usin(conne can be	II be o ' in th g the ' ection e conf	opened fo e firewall Triggerin s back to igured.	or access by the when an application g Ports'. The Router the application on
- <u>Virtual Servers</u> - <u>Port Trigger</u>		Application	Tr	rigger		C)pen		Remove	
- <u>DMZ</u> - ^D Security		Name	Protocol	Port Ra	ange	Protocol	Port F	ange		
- Duality of Service				Start	End		Start	End		
- <u>Dynamic DNS</u> Voice										
Management				Add	Re	emove				
Diagnostics				dir.	39 					

Figure 6-13-1. Advanced Setup – NAT – Port Triggering

TECOM						Fim	nware Version:	GW600	0_R2_V1.1.0_G
vice Info	NAT Port	Triggerir	ng						
vanceo N AN Route Nat Virtual Servers	Some applica require that sp configure the (Custom appl	tions such becific por port settin ication)an	n as games, vi ts in the Route gs from this s d click "Save S	deo confe r's firewa creen by s Settings" t	erencii III be c select to add	ng, remote ac opened for acc ing an existing it.	cess applicati ess by the ap application of	ons and plication r creatini	others s. You can g your own
Port Trigger DMZ			Remaining n	umber of e	ntries t	hat can be config	ured: 32		
Security Quality of Service		A	polication Namo						
namic DNS		Application Name.							
reless ice			O Select all ap	iplication.	Gele				
nagement			O Custom app	lication:					
Diagnostics									ar al
	Trigge	r Port Start	Trigger Port End	Trigger Pr	otocol	Open Port Start	Open Port End	Open Pr	otocol
				TCP	¥			TCP	*
				TCP	~			TCP	~
	1			TCP	~			TCP	~
				TCP	~			TCP	~
				тер				тер	
				TCP	×			TCP	× .
				TCP	*			TCP	*
				TCP	~			TCP	~

Figure 6-13-2. Advanced Setup – NAT – Port Triggering – Add

6.4.4.3 DMZ

The EUT will forward IP packets from the WAN that do not belong to any of the applications configured in the Virtual Servers table to the DMZ host computer. (Figure 6-14)

🏹 ТЕСОМ	Firmware Version: GW6000_R2_V1.1.0_Generic
 Device Info Advanced LAN WAN Toute Static Route RuP That Virtual Servers Port Trigger DMZ Security Guality of Service Dynamic DNS Voice Management Diagnostics 	NAT DMZ Host The GW6000 router will forward IP packets from the WAN that do not belong to any of the applications configured in the Virtual Servers table to the DMZ host computer. Enter the computer's IP address and click "Save Settings" to activate the DMZ host. Clear the IP address field and click "Cancel Changes" to deactivate the DMZ host. DMZ Host IP Address: Save Settings Cancel Changes

Figure 6-14. Advanced Setup – NAT – DMZ

6.4.5 Security

The configuration display only when WAN page's security option is selected. It's separated into three parts: Incoming Filter, Output Filter, and Parental Control.

6.4.5.1 Incoming Filter

It allows the users to create a filter rule to identify incoming IP traffic by specifying a new filter name and at least one condition. All of the specified conditions in this filter rule must be satisfied for the rule to take effect. (Figure 6-15-1, Figure 6-15-2)

By default, all incoming IP traffic from the WAN will be blocked if it is not consistent with the incoming filter rules. In fact, EUT has opened some necessary ports such as web port, sip ports and rtp ports, to make sure that voice application can communicate well.



Figure 6-15-1. Advanced Setup – Security – Incoming IP Filtering

ATTONS	TECOM GW6000 Configuration
TECOM	Firmware Version: GW6000_R2_V1.1.0_Generic
 Device Info Advanced LAN WAN Boute Wat Virtual Servers Port Trigger DMZ Security Incoming Filter Output Filter Parental Control Quality of Service Dynamic DNS Wireless Voice Management Diagnostics 	Add IP Filter Incoming The screen allows you to create a filter rule to identify incoming IP traffic by specifying a new filter name and at least one condition below. All of the specified conditions in this filter rule must be satisfied for the rule to take effect. Click 'Save Settings' to save and activate the filter. Filter Name:

Figure 6-15-2. Advanced Setup – Security – Incoming IP Filtering – Add

6.4.5.2 Output Filter

It allows the users to create a filter rule to identify outgoing IP traffic by specifying a new filter name and at least one condition. All of the specified conditions in this filter rule must be satisfied for the rule to take effect. (Figure 6-16-1, Figure 6-16-2)



Figure 6-16-1. Advanced Setup – Security – Outgoing IP Filtering

	Firmware Version: GW6000_R2_V1.1.0_Gener
Device Info	Add IP Filter Outgoing
Advanced	
-LAN	The screen allows you to create a filter rule to identify outgoing IP traffic by specifying a new filter
WAN Douto	name and at least one condition below. All of the specified conditions in this filter rule must be
⊕ Nat	saushed for the fole to take effect. Click Save Settings to save and activate the hiter.
- Virtual Servers	
- Port Trigger	Filter Name:
- <u>DMZ</u>	
Security	Product III
- <u>Incoming Filter</u> - Output Filter	Protocol
- Parental Control	Source IP address:
Cuality of Service	
Dynamic DNS	Source Subnet Mask:
Wireless	
Voice	Source Pon (pon or pon.pon).
Management	Destination IP address:
Diagnostics	
	Destination Subnet Mask:
	Destingtion Ded (and an address)
	Destination Port (port or port, port).

Figure 6-16-2. Advanced Setup – Security – Outgoing IP Filtering – Add

6.4.5.3 Parental Control

It adds time restriction to a special LAN device connected to the Router. The 'Browser's MAC Address' automatically displays the MAC address of the LAN device where the browser is running. To restrict other LAN device, click the "Other MAC Address" button and enter the MAC address of the other LAN device. (Figure 6-17-1, Figure 6-17-2)



Figure 6-17-2. Advanced Setup – Security –Parental Control – Add

6.4.6 Quality of Service

It's separated into two parts: Traffic Class, and Bandwidth Control.

6.4.6.1 Traffic Class

Click on Add to create a class to identify the IP traffic by specifying at least one condition below. If multiple conditions are specified, all of them should be satisfied to make sure the rule will take effect. (Figure 6-18-1, Figure 6-18-2)

IP QoS is applied to the traffic from LAN to WAN; the traffic from WAN to LAN will not be applied.

Enter the QoS class name for this policy. Define the priority for this policy, and the priority will be used by the next bandwidth control setting. EUT will modify the IP header with new IP Precedence and/or IP Type Of Service fields.

It's a IP Layer QoS policy. At least (but not limited to) one condition must be configured.

💎 ТЕСОМ			TEC	COM	GW60	000 Co	Firmwar	Iration e Version: G	VV6000_R	12_V1.1.0_Gene
Device Info	Traffic	Class	Setup							
- LWAN - WAN	Class Name	Priority	IP Precedence	IP Type of Service	Protocol	Source Address / Mask	Source Port	Dest. Address / Mask	Dest. Port	Remove
- Content of the second					Add	Remove				
- Parental Control - Parental Control - Quality of Service - Traffic Class										
- <u>Bandwidth Control</u> - <u>Dynamic DNS</u> Voice										
<u>Management</u> Diagnostics										

Figure 6-18-1. Advanced Setup – Quality of Service – Traffic Class

TECOM	Firmware Version: GW6000_R2_V1.1.0_Generic
Device Info	Add Network Traffic Class Rule
AOVANCEO - LAN - WAN - WAN - WRoute - Wint	The screen creates a traffic class rule to classify the upstream traffic, assign queuing priority and optionally overwrite the IP header TOS byte. A rule consists of a class name and at least one condition below. All of the specified conditions in this classification rule must be satisfied for the rule to take effect. Click 'Save Settings' to save and activate the rule.
- <u>virtual servers</u> - <u>Port Trigger</u> - <u>DMZ</u> *Security	Traffic Class Name:
- Incoming Filter	Priority:
- Output Filter Darental Control	IP Precedence:
- PQuality of Service - Traffic Class	IP Type Of Service:
- Bandwidth Control	Protocol:
Wireless	Source IP Address:
^t Voice	Source Subnet Mask:
Management	Source Port (nort or port-port)
Diagnostics	
	Destination Subnet Mask:
	Destination Port (port or port; port)

Figure 6-18-2. Advanced Setup – Quality of Service – Traffic Class – Add

6.4.6.2 Bandwidth Control

This page allows you to control WAN port's upstream bandwidth according to your settings (Figure 6-19). And it can ensure the highest priority IP packets' traffic firstly. By default, all voice packets has been queued in the highest IP packets, and the others has been queued in the normal IP packets if they have not been set in the priority field of the traffic class rule.

A TECOM	TECOM GW6000 Configuration
TECOM	Firmware Version: GW6000_R2_V1.1.0_Generic
Device Info Advanced LAN LAN WAN DENOTE DEN	Bandwidth Control Wan port's upstream bandwidth according to your settings. And it can ensure the highest priority IP packets's traffic. by default, all voice packets has been queued in the hormal IP packets if they have not been set in the traffic class rule. Bandwidth Policy: Enable Bandwidth Control ♥ Upstream Bandwidth: M ♥ whit

Figure 6-19. Advanced Setup – Quality of Service – Bandwidth Control

6.4.7 Dynamic DNS

The Dynamic DNS service allows you to alias a dynamic IP address to a static hostname in any of the many domains, allowing your DSL router to be more easily accessed from various locations on the Internet. (Figure 6-20-1, Figure 6-20-2)

ATECOM	TECOM GW6000 Configuration
TECOM	Firmware Version: GW6000_R2_V1.1.0_Generic
Device Info Advanced . LAN . WAN . Proute . Mat . Security . Incoming Filter . Output Filter . Parental Control . Traffic Class . Bandwidth Control . Dymamic DNS Voice Management Diagnostics	Dynamic DNS The Dynamic DNS service allows you to alias a dynamic IP address to a static hostname in any of the many domains, allowing your GW6000 router to be more easily accessed from various locations on the Internet. Choose Add or Remove to configure Dynamic DNS. Hostname Service Interface Remove Add Remove

Figure 6-20-1. Advanced Setup – Dynamic DNS

TECOM		TECOM GW6000 Configuration
W ILCOM		Firmware Version: GW6000_R2_V1.1.0_Generic
Device Info	Add dynamic DDN	S
- <u>LAN</u> - <u>WAN</u>	This page allows you t	to add a Dynamic DNS address from DynDNS.org or TZO.
- ¹ <u>Route</u> - <u>1 Nat</u>	D-DNS provider	DynDNS.org
- <u>Esecurity</u> - Incoming Filter	Hostname	
- <u>Output Filter</u> - <u>Parental Control</u>	Interface	eth_0/eth0 💌
- Cuality of Service - Traffic Class	DynDNS Settings	
- Bandwidth Control - Dynamic DNS	Username	
Voice	Password	
Diagnostics		
	Save Settings	Cancel Changes

Figure 6-20-2. Advanced Setup – Dynamic DNS - Add

6.5 Wireless

This directory display only when wireless card is installed in your EUT board. Use the Wireless screen to configure the EUT for wireless access. It is separated into 6 parts:

- Basic
- Security
- MAC Filter
- Wireless Bridge
- Advanced
- Station Info

The configurable items for each part would be described in the following.

6.5.1 Basic

The page (Figure 6-21) allows you to configure basic feature of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirement.

🔊 тесом	TECOM GW6000 Configuration Firmware Version: GW6000_R2_V1.1.0_Generic
 Device Info Advanced Mireless Security Mac Filter Wireless Bridge Advanced Station Info Voice Management Diagnostics 	This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Wireless Basic Enable Wireless Hide Access Point SSID: GW6000 BSSID: 00:03:C9:8C:60:11 Country: ALL

Figure 6-21. Wireless – Basic

6.5.2 Security

The page allows you to configure security features of the wireless LAN interface. You can set the network authorization method, select data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength.

The following items will be configured in the page:

Network Authentication: Set the network Authentication method. 802.1X and WPA require setting valid RADIUS parameters. WPA-PSK requires a valid WPA Pre-Shared Key to be set. (Figure 6-22-1)

802.1X: As the IEEE standard for access control for wireless and wired LANs, 802.1x provides a means of authentication and authorizing devices to attach to a LAN port. This standard defines the Extensible Authentication Protocol (EAP), which uses a central authentication server to authenticate each user on the network.

WPA/WPA2: The Wi-Fi Alliance put together WPA/WPA2 as a data encryption method for 802.11 wireless LANs. WPA is an industry-supported, pre-standard version of 802.11i utilizing the Tempoal Key Integrity Protocol (TKIP), which fixes the problems of WEP, including using dynamic keys.

WPA/WPA2 Pre-Shared Key: Set the WPA/WPA2 Pre-Shared Key (PSK).

WPA/WPA2 Group Rekey Interval: Set the WPA/WPA2 Group Rekey Interval in seconds. Leave blank or set to zero to disable periodic re-keying.

🜍 тесом	TECOM GW6000 Configuration Firmware Version: GW6000_R2_V1.1.0_Gene
Device Info Advanced Wireless - Basic - Security - Mac Filter - Wireless Bridge - Advanced - Station Info Coice Management	This page allows you to configure security features of the wireless LAN interface. You can sets the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Wireless Security Network Authentication:
	RADIUS Server IP Address:D.D.O.ORADIUS Port:1812RADIUS Key:
	WEP Encryption: Enabled Encryption Strength: 128-bit Save Settings Cancel Changes

Figure 6-22-1. Wireless – Security

Radius Server: Set the IP address of the RADIUS server to use for authentication and dynamic key derivation.

RADIUS Server is responsible for receiving user connection requests, authenticating the user, and then returning all of the configuration information necessary for the client to deliver the server to the user.

Radius Port: Sets the UDP port number of the RADIUS server. The port number is usually 1812 or 1645 and depends on the server.

Radius Key: Set the shared secret for the RADIUS connection.

WEP Encryption: Selecting Disabled disables WEP data encryption. Selecting Enabled enables WEP data encryption and requires that a valid network key be set and selected unless 802.1X is enabled.

WEP, short for Wired Equivalent Privacy, is a protocol for wireless LANs or local area networks. This WEP is defined in the 802.11 Standard. WEP is designed so security levels are maintained at the same level as the wired LAN. WEP's aim is to provide security by encrypting data over radio waves. WEP protects data as it's transmitted from one end point to another. WEP is used at two lowest layers, the data link and physical layer. WEP is designed to make up for the inherent security in wireless transmission as compared to wired transmission.

Shared Key Authentication: Set whether shared key authentication is required to associate. A valid network key must be set and selected if required. (Figure 6-22-2)

🔊 ТЕСОМ	TECOM GW6000 Configuration Firmware Version: GW6000_R2_V1.1.0_Generic
 Device Info Advanced Wireless Basic Security Mac Filter Wireless Bridge Station Info Station Info Voice Management Diagnostics 	Wireless Settings Encryption Keys Enter 13 ASCII characters or 26 hexadecimal digits for 128-bit encryption keys. Network Key 1: Network Key 2: Network Key 3: Network Key 4: Current Network Key: Save/Apply

Figure 6-22-2. Wireless – Security – Encryption Keys

6.5.3 MAC Filter

🔊 тесом	TECOM GW6000 Configuration Firmware Version: GW6000 R2 V1.1.0 Generic
 Device Info Advanced Wireless Basic Security Mac Filter Wireless Bridge Advanced Station Info Voice Management Diagnostics 	Wireless MAC Filter MAC Restrict Mode: O Disabled O Allow O Deny MAC Address Remove Add Remove

Figure 6-23-1. Wireless – MAC Filter

This page allows users to Add/Remove hosts with the specified MAC addresses that are able or unable to access the wireless network. When users decide to use Allow, only the MAC addressed in the user-defined list can access the wireless network. When users use Deny, only the user specified MAC addresses are unable to access to wireless network. And if the Disable option is selected, all users will be able to access to wireless network.

Note: The MAC addresses in the list would immediately take effect when Allow or Deny is checked.

😙 тесом	TECOM GW6000 Configuration
 Device Info Advanced Mireless Basic Security Security Mireless Bridge Advanced Station Info Station Info Voice Management Diagnostics 	Wireless MAC Filter Enter the MAC address and click "Apply" to add the MAC address to the wireless MAC address filters. MAC Address: Save Settings Cancel Changes

Figure 6-23-2. Wireless – MAC Filter – Allow/Deny

6.5.4 Wireless Bridge

It allows the users to configure wireless bridge features of the wireless LAN interface. You can select Wireless Bridge (also known as Wireless Distribution System) to disables access point functionality. Selecting Access Point enables access point functionality. Wireless bridge functionality will still be available and wireless stations will be able to associate to the AP. Select Disabled in Bridge restricts which disables wireless bridge restriction. Any wireless bridge will be granted access. Selecting Enabled or Enabled (Scan) enables wireless bridge restriction. Only those bridges selected in Remote Bridges will be granted access. (Figure 6-24).



Figure 6-24. Wireless – Wireless Bridge

6.5.5 Advanced

It allows you to configure advanced features of the wireless LAN interface. You can select a particular channel on which to operate, force the transmission rate to a particular speed, set the fragmentation threshold, set the RTS threshold, set the wakeup interval for clients in power-save mode, set the beacon interval for the access point, set XPress mode and set whether short or long preambles are used

Channel: Select the appropriate channel from the list provided to correspond with your network settings. All devices in your wireless network must use the same channel in order to function correctly.

Rate: The default setting is Auto. The range is from 1 to 54Mbps. The rate of data transmission should be set depending on the speed of your wireless network. You can select from one transmission speed, or keep the default setting, Auto, to have the IAD automatically use the fastest possible data rate.

Multicast Rate: The default setting is 54Mbps. The range is from 1 to 54Mbps. The rate of data transmission should be set depending on the speed of your wireless network. You can select from one transmission speed, or keep the default setting, to have the IAD automatically use the fastest data rate for multicast packets.

Basic Rate: Select the basic rate that wireless clients must support.

Fragmentation Threshold: This value should remain at its default setting of 2346. The range is 256~2346 bytes. It specifies the maximum size for a packet before data is fragmented into multiple packets. If you experience a high packet error rate, you may slightly increase the Fragmentation Threshold. Setting this value too low may result in poor network performance. Only minor modifications of this value are recommended.

W IECOM		Firmware Version: GW6000_R2_V1.1.0_Generic
Device Info Advanced Wireless - Basic - Security - Mac Filter - Wireless Bridge - Advanced - Station Info	This page allows you to c particular channel on whii fragmentation threshold, mode, set the beacon inte preambles are used. Wireless Advanced	onfigure advanced features of the wireless LAN interface. You can select a ch to operate, force the transmission rate to a particular speed, set the set the RTS threshold, set the wakeup interval for clients in power-save erval for the access point, set XPress mode and set whether short or long
Voice	AP isolation.	
Management	Bario.	2.4GHz - 802.11g
Diagnostics	Channer.	
	Multicast Pater	Auto
	Basic Rate:	
	Fragmentation Threshold	23/6
	RTS Threshold	2340
	DTIM Interval:	
	Donan Interval:	100
	VDrocotti Technologur	
	Artess Technology.	
	54g Protection:	Auto
	WMM(WI-Fi Multimedia):	Disabled 💌
	Cours Pottings	Canad Changes

Figure 6-25. Wireless – Advanced

RTS Threshold: This value should remain at its default setting of 2347. The range is 0~2347 bytes. Should you encounter inconsistent data flow, only minor modifications are recommended. If a network packet is smaller than the packet RTS threshold size, the RTS/CTS mechanism will not be enabled. The IAD sends Request of Send (RTS) frames to a particular receiving station and negotiates the sending of a data frame. After receiving an RTS, the wireless station responds with a Clear to Send (CTS) frame to acknowledge the right to begin transmission.

DTIM Interval: The default value is 3. This value, between 1 and 255 milliseconds, indicates the interval of the Delivery Traffic Indication Message (DTIM). A DTIM field is a countdown field informing clients of the next window for listening to broadcast and multicast messages. When the router has buffered broadcast or multicast for associated clients, it sends the next DTIM with a DTIM Interval value. Its clients hear the beacons and awaken to receive the broadcast and multicast message.

Beacon Interval: The default value is 100. Enter a value between 1 and 65535 milliseconds. The Beacon Interval value indicates the frequency interval of the beacon. A beacon is a packet broadcast by the router to synchronize the wireless network.

XPress[™] Technology: Select to enable/disable this proprietary mode.

54g[™] Mode: Select the mode to 54g Auto for the widest compatibility. Select the mode to 54g Performance for the fastest performance among 54g certified equipment. Set the mode to 54g LRS if you are experiencing difficulty with legacy 802.11b equipment.

54g protection: In Auto mode the IAD will use RTS/CTS to improve 802.11g performance in mixed 802.11g/802.11b networks. Turn protection off to maximize 802.11g throughput under most conditions.

WMM (WiFi Multimedia): Select to enable/disable the support.(Figure 6-25)

6.5.6 Station Info

Authenticated wireless stations and their status will be shown here.(Figure 6-26)

ATECOM	TECOM GW6000 Configuration
TECOW	Firmware Version: GW6000_R2_V1.1.0_Generic
 Device Info Advanced Wireless Security Mac Filter Wireless Bridge Advanced Station Info Voice Management Diagnostics 	This page shows authenticated wireless stations and their status. Wireless Authenticated Stations BSSID Associated Authorized Refresh

Figure 6-26. Wireless – Station Info

6.6 Voice

Use the Voice screen to configure the EUT function related parameters. It allows system administrator to configure the following topics:

- Phone
 - Phone Extension
 - Extension Linekey
- Trunk
 - IP Trunk
 - Trunk Group
 - Answering Positions
 - Call Restriction Table
 - Call Routing Table
- System
 - Numbering Plan
 - Service Mode
 - Transmission
 - IG Dynamic Discovery
 - IG Expansion Table
- Voice Mail
 - General
 - Extension
 - Holiday
 - Advanced

The configurable items for each part would be described in the following.

6.6.1 Phone

Use the phone extension screen to configure EUT's phone extension authentication and IP2007's extension line key default setting.

6.6.1.1 Phone Extension

The EUT combines Proxy and Registrar servers in its application. The all phones registered to the internal Registrar are set here. (Figure 6-27)

	TECO	M GW6000 Cc	onfiguration	
🐨 ТЕСОМ			Firmware Version: GW6000_R2_V1.1.0_Gene	ric
Device Info This pag	e allows you to configur	re the authentication for SI	P client.	
Wireless Sip Aut	thentication			
. Phone I	No. Phone Number	Password	Day COS Night COS	
- Extension Linekey	[
- Costem	2			
Management	3			
Diagnostics	4			
	5			
	6			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/			
	3			
	3]/		
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
Device	FXS Phone Start Number	Day COS	0 💌 Night COS 📃 0 💌	
Registi	ration Configuratio	n		
	Minin	nal Expire 60		
	SIP F	Port 5060		
	44			
	Reboot	Save Settings	Cancel Changes	

Figure 6-27. Voice – Phone – Phone Extension

SIP Authentication: It provides 24 IP phones registered.

Phone Number: The phone number is a station number. If it conflicts with the setting in Numbering Plan, it fails to add or make the change. Its value range is limited by Start Extension Number and End Extension Number settings in Numbering Plan page.

Password: The user password of this phone. The length is up to 24 digits or characters. It's used for Digest Authentication.

Day COS: The field assigns Class of Service for day mode operation. Acceptable values are 0-7. At default, all extensions are unrestricted.

Night COS: The field assigns Class of Service for night mode operation. Acceptable values are 0-7. At default, all extensions are unrestricted.

FXS Phone Start Number: It shows the FXS phone number. It's programmed in System – Numbering Plan.

Registration Configuration

Minimal Expire: the minimum refresh interval registrar time supported for these IP phones managed by the Gateway Server.

SIP Port: The Gateway Server listens for requests on the SIP port. This port is used for UDP application and 5060 is its recommended value.

6.6.1.2 Extension Linekey

This page allows you to configure the default settings for IP2007's linekeys. While a new-allocated IP2007 is registering to IG, IG will send these settings to the phone.(Figure 6-28)

ATECOM	TECOM GW6000 Configuration
TECOM	Firmware Version: GW6000_R2_V1.1.0_Generic
	Extension Line Key This page allows you to configure the default settings for IP2007's line keys. LineKey 1 PSTN Line 1 V LineKey 2 PSTN Line 2 V LineKey 3 PSTN Line 3 V LineKey 4 IP Line 1 V Save Settings Cancel Changes

Figure 6-28. Voice – Phone – Extension Linekey

6.6.2 Trunk

Use the Trunk screen to configure the PSTN/IP Trunk function related parameters. It is separated into 5 parts:

- IP Trunk
- Trunk Group
- Answering Positions
- Call Restriction Table
- Call Routing Table

6.6.2.1 IP Trunk

This page allows you to configure the proxy and registration server of IP Trunk, up to 8 lines of IP Trunk are supported. (Figure 6-29)

This		Fi	rmware Version: GW6000_R2_V1
supp	page allows you to configure the ported.	proxy and registration of IP ⁻	Trunk, up to 8 lines of IP Trunk a
Sub	scriber Information		
		IP Trunk 1	
	Phone Number	Register Expires	60
	Auth ID	Auth Password	
	SIP Proxy	Port	5060
	Outbound Proxy	Port	5060
		IP Trunk 2	
	Phone Number	Register Expires	60
	Auth ID	Auth Password	
	SIP Proxy	Port	5060
	Outbound Proxy	Port	5060
		IP Trunk 3	2020
	Phone Number	Register Expires	60
	Auth ID	Auth Password	
	SIP Proxy	Port	5060
	Outbound Proxy	Port	5060
		IP Trunk 4	
	Phone Number	Register Expires	60
	Auth ID	Auth Password	
	SIP Proxy	Port	5060
	Outbound Proxy	Port	5060
	Phone Number	IP Trunk 5 Register Evnires	60
		Auth Bacoword	
		Bott	
	SIF Floxy	Foil	5060
		IP Trunk 6	5060
	Phone Number	Register Expires	60
	Auth ID	Auth Password	
	SIP Proxy	Port	5060
	Outbound Proxy	Port	5060
		IP Trunk 7	Nex 105/2
	Phone Number	Register Expires	60
	Auth ID	Auth Password	
	SIP Proxy	Port	5060
	A CONTRACTOR AND A CONTRA	1 OIL	
	Outbound Proxy	Port	5060
	Outbound Proxy	Port IP Trunk 8	5060
	Outbound Proxy Phone Number	Port IP Trunk 8 Register Expires	60
	Outbound Proxy Phone Number Auth ID	Port IP Trunk 8 Register Expires	5060 60
	Outbound Proxy Phone Number Auth ID SIP Proxy	Port IP Trunk 8 Register Expires Auth Password Port	5060 60 5060

Figure 6-29. Voice – Trunk – IP Trunk

Subscriber Information

Trunk Number: The assigned phone number from Uplink Server.

Register Expires: how long the Gateway sends REGISTER to uplink registrar server. It counts based on second.

Auth ID: The Account ID of registration to uplink server. It's used for Digest Authentication.

Auth Password: The Password of registration to uplink server. It's used for Digest Authentication.

SIP Proxy: the position of uplink registrar server. Digital IP address and domain name are all supported.

SIP Proxy Port: SIP signal port of uplink registrar server.

Outbound Proxy: the address of uplink outbound proxy server. All sip request packet will be sent to this server that will determine their next hops.

Outbound Proxy Port: SIP signal port of uplink outbound proxy server.

Local Port

Local SIP Port for IP Trunk: SIP control signal packet Port of IP Trunk Client.

Local RTP Port for IP Trunk: Real-Time Protocol packet Port of IP Trunk Client. It's the start RTP port address for these IP Trunks.

6.6.2.2 Trunk Group

This page allows you to configure the virtual Trunk Group, up to 4 Trunk Groups are supported. (Figure 6-30)

Trunk Group & Label

This item allows you to assign physical Trunk to virtual Trunk Group. And you can configure your personal string as incoming Caller ID number. For three PSTN lines and eight IP lines you can choose from Group1 to Group 4.

Trunk Group Priority

This Item allows you to define 4 Trunk Group's interior priority. For four groups you can choose IP first or PSTN first. This will take effect if call routing entry's destination has been set as Group choice.

VIECO M				Firmware Version:	GW6000_R2_V1.2.0_Generic
Device Info	Trunk Group & Label				
Advanced Wireless	This Item allows you to assign (physical Trun	k to virtual Tr	unk Group.	
Voice	Trunk Line	Group Accion	Enable Label	Lahel Name	ľ
- Trunk	PSTN Line 1	Group 1 👽	Disable 👻		
- <u>IF Trunk</u> - <u>Trunk Group</u> - Answering Positions	PSTN Line 2	Group 1	Disable 👻	-	
- Call Restriction Table - Call Routing Table	PSTN Line 3	Group 1 💌	Disable 👻		
- CSystem	IP Line 1	Group 1 💌	Disable 👻	1 1 1	
Management	IP Line 2	Group 1 💌	Disable 🛩		
<u>Diagnostics</u>	IP Line 3	Group 1 💌	Disable 👻		
	IP Line 4	Group 1 💌	Disable 🛩	1 1	
	IP Line 5	Group 1 💌	Disable 👻	-	
	IP Line 6	Group 1 👽	Disable 👻	1	
	IP Line 7	Group 1 👽	Disable 👻		
	IP Line 8	Group 1	Disable V		
		Consel 1	Disable		
	Trupk Group Priority				
	Trank oroup Thomy				
	This Item allows you to define 4	Trunk Group	's interior prid	ority.	
		Group 1 Acce	ss Priority PS	STN First 👻	
		Group 2 Acce	ss Priority PS	STN First 💌	
		Group 3 Acce	ss Priority PS	STN First 💌	
		Group 4 Acce	ss Priority	STN First 💌	
	Г	Save Settings	Can	cel Changes	

Figure 6-30. Voice – Trunk – Trunk Group

6.6.2.3 Answering Positions

TECOM	TECOM GW6000 Configuration
	Firmware Version: GW6000_R2_V1.2.0_Generic Answering Position This Page allows you to configure answering position for each Trunk line's incoming call including PSTN trunk and IP Trunk. You can choose Auto Attendant, or manually configure the target phone number on Day/night basis. PSTN Line 1 ♥ Auto Attendant ③ Yes ○ No
F	Figure 6-31-1. Voice – Trunk – Answering Positions – AA(Yes)

💎 тесом	TECOM GW6000 Configuration Firmware Version: GW6000_R2_V1.2.0_	Generic
C Device Info Advanced Mireless C Phone C Phone C Trunk IP Trunk IP Trunk C Trunk Coup C Answering Positions C Call Restriction Table	Answering Position This Page allows you to configure answering position for each Trunk line's incoming call including PSTN trunk and IP Trunk. You can choose Auto Attendant, or manually configure the target phone number on Day/night basis. PSTN Line 1 Auto Attendant O Yes O No	
Call Routing Table Call Routing Table System Control Contro	No. Answer Position during Day Answer Position during Night 1	
	Save Settings Cancel Changes	~

Figure 6-31-2. Voice – Trunk – Answering Positions – AA(No)

This Item allows you to configure answering position for each Trunk line including PSTN trunk and IP Trunk. You can choose Auto Attendant, or manual configure the target phone number on Day/night basis.

Auto Attendant: Yes/No.

Day Answering Position: 6 extension numbers maximum

Night Answering Position: 6 extension numbers maximum

If choose Auto Attendant as Yes, an idle VAA will auto-answer this incoming trunk call. You can continue your operation by following its indicative words. Otherwise some extension will be called and ringing. If you pick up one of them, the other extensions will stop ringing.(Figure 6-31)

6.6.2.4 Call Restriction Table

This page allows you to configure the call restriction table. If you choice YN in "Trunk Access" option, it means that the entry is used in both trunk access and call routing judge. Y means that it is only valid in trunk access judge, and N is vice versa. Only the caller's COS priority is higher than the entry's COS value, the call is allowed.

From/To

The allowed intervals are made up of a From and To entry which establish a numeric range. For example, an entry of "From 1700", "To 1800" would include the following range of numbers as the leading: 1700, 1701, 1702, ...1799, 1800. Each From/To entry can be from 1 to 13 digits long and may contain any digit 0-9, or X (X representing any digit). The :From" entry must be less than or equal to the "To" entry.

Trunk Access

EUT checks the field only when a call matches the associated allowed interval. If the field is set to "Y", the entry is valid when the trunk is accessed previously. If the field is set to "N", the trunk isn't accessed previously. The trunk will be accessed through Call Routing Table. If he option is set to "YN", the entry is valid no matter the trunk is accessed or not previously.

COS

The COS setting is defined by the allowed intervals. "Y" allows an extension with the COS or higher priority to dial the number(s) specified in that range.



Figure 6-32. Voice – Trunk – Call Restriction Table

6.6.2.5 Call Routing Table

-	180.00.00		114/14 11/20	2550 (550)				Firmware version. GW6000_R2_V1.2.0_
<u>ce info</u>	Call R	outing 1	Table Co	nfiguratio	n			
lass	This n	ade allows	s vou to cr	nnfigure the	e call rou	ting tabl	e Eachlite	m will be a routing rule for outgoing
<u>e</u>	call. Fr	om/To de	fine the nu	umber ran	ge, Min/N	lax defin	e the mate	ch length, Del/Insert can change the
Phone .	target	number, D	Destinatior	n to define	the outb	ound cal	l interface.	
<u>Frunk</u> P <u>Trunk</u>	No	From	То	Min	Мах	Del	Insert	Destination
Answering Positions	1	0	9	1	99	0		PSTN Line 1 🖌
Call Routing Table	2			1	99	0		PSTN Line 1 💌
<u>Voice Mail</u>	3			1	99	0		PSTN Line 1 🖌
² <u>Management</u> Diagnostics	4			1	99	0		PSTN Line 1 🖌
	5			1	99	0		PSTN Line 1 🖌
	6			1	99	0		PSTN Line 1 💌
	7			1	99	0		PSTN Line 1 💌
	8			1	99	0		PSTN Line 1 💌
	9			1	99	0		PSTN Line 1 💌
	10			1	99	0		PSTN Line 1 💌
					·		-10	

Figure 6-33. Voice – Trunk – Call Routing Table

This page allows you to configure the call routing table. Each item will be a routing rule for outgoing call. From/To define the number range, Min/Max define the match length, Del/Insert can change the target number, Destination to define the outbound call interface. You can click the buttons under the table to choose pages.

In the Destination field, the drop list includes a particular option: "IG Expansion". When selecting "IG Expansion", the next field is a drop list, the drop list contains the founded IG name which is maintained by the EUT, and you can select a suitable IG name to route your calls (Figure 6-33).

6.6.3 System

Use the System screen to configure the System function related parameters. It is separated into 4 parts:

- Numbering Plan
- Service Mode
- Transmission
- IG Dynamic Discovery
- IG Expansion Table

6.6.3.1 Numbering Plan

ATECON	TECOM GVV6000 Configuration
TECOM	Firmware Version: GW6000_R2_V1.2.0_Generic
 Device Info Advanced Mireless Voice Phone Trunk System Numbering Plan Service Mode Transmission G Dynamic Discoveny G Expansion Table Voice Mail Management Diagnostics 	Numbering Plan This page allows you to configure the extension number range. You can define the special extension number or service number. Start extension number End extension number Operator extension during day Operator extension during night FXS Phone Number Operator speed-dial number Voice mail service number Start IP Trunk number Start Trunk Group number All Paging number Start Paging Group number Start Paging Group number Start Paging Group number

Figure 6-34. Voice – System – Numbering Plan

This page allows you to configure extension number range. You can also define some special service numbers in the table.(Figure 6-33)

Start extension number: start phone number of system internal extension. All valid extension number can't be smaller than it.

End extension number: end phone number of system internal extension. All valid extension number can't be greater than it. If receiving an IP2007's Plug & Play request, IG will allocate the first unused number from this limited region.

Operator extension during day: system operator number. If dial Operator speeddial number, this extension will be called during day.

Operator extension during Night: system operator number. If dial Operator speeddial number, this extension will be called during night.

FXS Phone Number: It determines the FXS phone number.

Operator speed-dial number: If dial this number, the operator extension will be called. Also it is limited on length 1 character.

Voice mail service number: If dial this number, internal user can enter IG's vm system and do some operations such as listening personal message.

Start PSTN Line number: IG provides 3 PSTN line at most. Every line has its own internal alias number. You can dial these numbers directly to access PSTN trunks.

Start IP Trunk number: IG provide 8 IP Trunk line at most. Every line has also its own internal alias number. You can dial these numbers directly to access IP Trunks.

Start Trunk Group number: IG provides 4 trunk groups at most. If dialing trunk group number, IG will choose the first idle line for caller automatically.

All Paging number: If dialing this number, all internal IP2007s will be paged.

Start Paging Group number: 3 paging groups are defined in IG. If dialing a Paging Group number, the call will page to all internal IP2007s of the called paging group.

While pressing "Configuration" in "Start Paging Group number", it shows Paging Group Configuration screen (Figure 6-34).

TECOM	TECO	OM GW6000 C	Configuration	1_R2_V1.2.0_Generic					
Device Info Advanced Advanced Mireless Device Devi	Paging GroupConfiguration Make sure the phone numbers you enter are what have been configured in the Phone Extension page.								
	Paging Group 1	Paging Group 2	Paging Group 3						

Figure 6-35. Voice – System – Numbering Plan – Paging Group

6.6.3.2 Service Mode

This page allows you to configure the day/night service mode. You can also customize the working time manually for each weekday.

If you choose Time Mode, it's for the specified day of week. The time is entered in 24hour format. Valid entries are 00:00 to 23:59 in 1-minute increments.(Figure 6-35)

V IECOW				Firmware Version	GW6000_R2_V1.2.0_Generic
Device Info Advanced Wireless	Service Mode	e Con	figuration		
Voice Phone	working time ma	anually f	for each week day.	ight service mode, You can also cu	stomize the
- Dirunk				slight Mode . Time Mode	
- <u>Numbering Plan</u> Service Mode			Obdy Mode Of	light mode of third mode	<u>4</u>
- Transmission	N. A.	Week D	ay Day Start	Day End	
- IG Dynamic Discovery - IG Expansion <u>Table</u> - [©] <u>Voice Mail</u> [©] <u>Management</u> <u>Diagnostics</u>		Mon 	00:00		
		lue	00:00		
		Wed	00:00		
		Thu	00:00	00:00	
	ł	Fri	00:00	00:00	
	\$	Sat	00:00	00:00	
	1	Sun	00:00	00:00	
			Save Settings	Cancel Changes	

Figure 6-36. Voice – System – Service Mode

6.6.3.3 Transmission

This page allows you to configure the Audio, FXS, FXO settings. Click "Save Settings" button to save the new configuration. Click "Cancel Changes" button you can cancel the changes. (Figure 6-36)

🔗 ТЕСОМ	TECOM GW6000 Configuration Firmware Version: GW6000 R2 V1.2.0 Generic
Device Info Advanced Wireless Voice D'Phone D'Trunk D'System Numbering Plan Service Mode Transmission IG Ovnamic Discovery IG Expansion Table Wice Mail Management Diagnostics	The menu is used to set many Audio-related options. It will be applied to the all FXS and PSTN lines. Audio
	CountryCHINAVoice Active DetectionnoPacket Loss ConcealmentnoPacket Loss ConcealmentnoEcho Cancellation Tail Length8 < ms
	FXS
	FXO Input Volume Gain 0 Output Volume Gain 0 Call Abandon Time 600 v ms Ring Recognition Time 200 v ms Delay Ring Time 6.0 s Save Settings Cancel Changes

Figure 6-37. Voice – System – Transmission

Audio: It is used to set many Audio-related options. It will be applied to the all FXS and PSTN lines.

Country: It may be used to determine not only the Caller ID detection / transmission method but also ring/tone cadence/frequency.

Voice Active Detection: Enable or Disable; VAD is a technique that detects the absence of audio and conserved bandwidth by preventing the transmission of "silence packets" over the network. Normally, this is set to On.

Packet Loss Concealment: Enable or Disable

Echo Cancellation Tail Length: Echo cancel time; 0 value disables Echo Canceller.

RTP Packet Size: 10/20/.../60 ms

Codec Priority: EUT can support different audio Codec (G711u, G711a, G723, G729a) but only one is active at one time. You can choose "Preferred Codec", "Secondary Codec", "Thirdly Codec" and "Fourth Codec" properly.

FXS: It is used to set many FXS-related options.

Fax Support: The system supports FAX/modem tone detection with G.711 mode.

Call ID Method: The system provides the ability to detect the calling party identification provided by PSTN lines. It also transmits the calling party identification to POTS ports. There are four choices: NONE, DTMF_BR, DTMF_AR, FSK

Input Volume Gain: value range: -20 ~ 20. If the value increased 1, the actual analog-voice will become louder 0.5dB. Otherwise the voice will become lower 0.5dB.

Output Volume Gain: value range: -20 ~ 20.

Inter-digit Timeout: Its range is from 0 to 30 seconds.

FXO: It is used to set many central office line options.

Input Volume Gain: value range: -20 ~ 20

Output Volume Gain: value range: -20 ~ 20

Call Abandon Time: For every PSTN/FXO call, system provides the facility to monitor the call status. If the remote party hangs up, the ongoing call must be terminated. The PSTN line monitor is done by the loop-break signal or busy tone. The value range is: 100/200/.../1000 ms.

Ring Recognition Time: The timer determines the minimum ring duration recognized as a valid incoming ring on a PSTN port. Shorter ring signals are ignored. The timer range is 200ms to 60ms in 40ms increments.

Delay Ring Time: The timer is to allow the Central Office to send ICLID before the call is answered. Once the timer expires, the programmed extensions will ring and the ICLID number will be sent to the ringing extensions. The timer range is 3 to 6 seconds on 0.5 second increments.

6.6.3.4 IG Dynamic Discovery

This page allows you to configure IG dynamic discovery settings.(Figure 6-37)

IG Name: The name of IG. It will be referred for the other IGs.

Run Mode: The mode that IG is running. IG can run in Master Mode or Slave Mode.

Master Mode: When IG is running in master mode, it maintains an IG list table. When the master found that some slave IG changes its name or IP address, it will broadcast to all of other slave IGs in this list and let them update their own IG list table.

Slave Mode: When IG is running in slave mode, the master IG IP address should be configured. When its name or IP address changed, it will inform the master IG. And then the master IG will let other IG know this change.

💎 ТЕСОМ	Т	ECOM GW6000 Co	onfigurati Firmware Version:	ON GW6000_R2_V1.2.0_Generic
Device Info Movanced Wireless	Configure IG Dy	/namic Discovery Settings		
Voice	IG Name:			
- Phone - Prink	Run Mode:	Slave mode		
- ^{DI} System - <u>Numbering Plan</u> - <u>Service Mode</u> - <u>Transmission</u>	Master IP:			
- <u>IG Dynamic Discovery</u> - <u>IG Expansion Table</u>				
- ^{Moloce Mail}	Save Settings	Cancel Chandes		
Diagnostics				

Figure 6-38-1. Voice – System – IG Dynamic Discovery

6.6.3.5 IG Expansion Table

This page shows the all cooperated IGs. It can be got through *IG Dynamic Discovery*. It also allows you to add the specified IG that our calls want to be routed into.

IG Host Name: The cooperated IG's name.

IP Address: The cooperated IG's IP address.

Sip Port: The cooperated IG's SIP port.

COS: The cooperated IG's Class of Service.

Valid: If setting "N", it rejects the direct call from the cooperated IG.

Э ТЕСОМ	TECOM GW6000 Configuration Firmware Version: GW6000_R2_V1.2.0_Generic	
t ^{ar} <u>Device Info</u> t ^{ar} Advanced t ^{ar} <u>Wireless</u>	IG Expansion Host List	
 Voice Phone Trunk System Numbering Plan Service Mode Transmission IG Dynamic Discovery G Expansion Table Voice Mail Management Diagnostics 	Add Remove	