

Руководство пользователя по быстрой настройке VoIP-GSM шлюзов серии AP-GS501x



Содержание

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 - Protocol, SIP Server , FXS Extension, GSM Extension
 - DTMF/CODEC, VoIP Dial Plan, GSM Dial Plan, Static Routing, Hot Line
- Расширенная конфигурация
 - Gain/CID, GSM PINs, FAX, Service, Filtering, Security
 - GSM Web Callback, GSM Callback
- Другие настройки
 - Call Status, System Status, Alarm Status, GSM Status
 - Call Log, System Log, Ping
- LCR(Оптимизация маршрутизации)
 - Black & White List, Time Interval, Tariff Group, LCR Test
- SMS
 - Inbox, SMS New Message

Стартовая страница

Главное меню
Настройки системы, упорядочено по меню и категориям

Панель инструментов
Часто используемые инструменты, такие как Перезагрузка, Сохранение конфигурации, Инициализация и Telnet

Информация
Отображение текущей версии системы и суммарной информации

Подсказки
Всплывают при наведении курсора мыши на объект

Рабочая область
Изменение и корректировка различных параметров

System Information

H/W Version	2.0
SW Version	8.00d
MAC Address	0002.a400.0000
VoIP Protocol	SIP
Voice Interface Module	G(2)S(2)
Registration Status	Registered
Supported Codec List	
Network Information	Static 172.16.9.16
WAN LINK Status	100Mbps FULL Duplex Link UP
LAN LINK Status	Link Down
Current Time	Fri Jan 1 01:49:57 2010
System Startup Time	Fri Jan 1 00:00:00 2010
	0 days 01:49:57
	0

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface : G(2)S(2)
Protocol : SIP
Status : Registered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message : P0:0(0)
P0:1(0)

Description

Сетевые настройки

The screenshot shows the 'Network Setup' page in the Smart Web Manager interface. The page is divided into several sections, each highlighted with a red dashed box and a corresponding callout box on the left. The callout boxes contain the following text:

- Имя хоста**
Введите имя для идентификации в сети
- Статический IP адрес**
Введите IP адрес, маску сети, шлюз и DNS сервер
- PPPoE**
ADSL модем должен быть сконфигурирован в режиме Моста. Введите Username и Password для аутентификации
- DHCP**
Выберите этот пункт, если IP адрес устройство будет получать автоматически
- VLAN**
Конфигурация VLAN.
- WAN Link**
Конфигурация WAN порта. В большинстве случаев нужно оставить режим Auto
- MAC**
Для изменения MAC адреса. Если поле пустое MAC адрес используется заводской

The 'Network Setup' page itself contains the following fields and options:

- Hostname:** GS1002
- Static IP:** IP Address (172.16.9.16), Network Mask (255.255.0.0), Default Router (172.16.1.1), DNS Server (Primary and Secondary).
- PPPoE(ADSL):** Username and Password fields.
- DHCP:** Radio button.
- VLAN:** ID (0).
- WAN Link Control:** Radio buttons for Auto, Manual, Speed (100, 10), Duplex (full, half).
- MAC(Hardware) Address:** Six empty input boxes.

On the right side of the page, there is an 'Information' panel with the following details:

- AddPac Technology
- Model : GS1002_G2
- H/W Version : 2.0
- S/W Version : 8.00d
- Smart Web Version : 0.4
- Smart Web Build : Mar 24 2010
- Voice Interface: G(2)S(2)
- Protocol : SIP
- Status : Registered
- CurrentCalls : 0 Call
- Network : Static 172.16.9.16
- Mac Address : 0002.a400.0000
- Unread Message: P0:0(0), P0:1(0)

Below the information panel is a 'Description' section with the text: 'This command sets up WAN port. The static IP address is to be as provi... assi... DHCP address of the device can be changed. MAC Address change can be used only when necessary . It is recommended to use the address created by the user not the address of the device'. A callout box labeled 'Непрочитанные СМС сообщения' points to the 'Unread Message' section.

Язык

Smart Web Manager
www.addpac.com

System

- Network Setup
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs

Configure Language

한국어

English

Apply

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Registered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Choose the basic language to be applied. English is set at default.

Выберите язык
English, Korea

NAT

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT**
- PPTP
- NTP

Basic

- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security

NAT Static Table

IP Protocol	Global Port	Local Address	Local Port	Control
tcp	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

Information

AddPac Technology
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S/W Version : 8.00d
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Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
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Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

When many PCs are connected to LAN, create a table for delivering TCP/UDP port to PC.

Статическая таблица NAT
Когда к сети подключено много ПК можно создать таблицу для TCP/UDP портов на ПК

VPN Туннель

Smart Web Manager
www.addpac.com

- System**
 - Network Setup
 - Language
 - NAT
 - PPTP**
 - NTP
- Basic**
 - Protocol
 - GSM Extension
 - DTMF/CODEC
 - VoIP Dial Plan
 - GSM Dial Plan
 - Static Route
 - Hot Line
- Service**
 - GSM PINs
 - Fax

Tunneling

Mode

- None(Disable Tunneling, default)
- PPTP(Point-to-Point Tunneling Protocol)
 - Username
 - Password
 - Authentication
 - None (No Authentication)
 - PAP (PPP Authentication Protocol)
 - CHAP(Challenge Handshake Authentication Protocol)
 - Phone Number
 - None (default)
 - Hostname (Use hostname as phone number)
 - User Define

Source

Destination

Service

- Voice and Data Use Tunnel Interface (default)
- Voice Use Tunnel Interface, Data Use Ethernet Interface
- Data Use Tunnel Interface, Voice Use Ethernet Interface

Information

AddPac Technology
Model : GS1002_G2
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S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

This is the settings for using PPTP(Point-to-Point Tunneling Protocol). For the setting to be used for tunneling, please contact the manufacturer of the device

Режим Туннеля
Конфигурация аутентификации для соединения точка-точка

Выбор источника и адреса
Источник, LAN порт и IP адрес конечной точки

Service
Режим туннеля

NTP

System

- Network Setup
- Language
- NAT
- PPTP
- **NTP**

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route

NTP

Enable Disable

Primary Server (Domain Name or IP Address)

Secondary Server (Domain Name or IP Address)

Interval (1~72 hours)

Hours Offset : (-23~23 hours) : (0~60 minute)

Apply

Information

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Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

NTP
Конфигурация синхронизации
с серверами точного времени

Протокол Voip

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol**
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Protocol

SIP(Session Initiation Protocol)

Apply

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
r:0:0(0)
P0:1(0)

Description

Configure the settings of the protocol to be used for VoIP communication

**Веберите протокол VOIP
SIP, H323(опционално)**

Настройки SIP сервера

Smart Web Manager
www.addpac.com

SIP (Session Initiation Protocol)

Use SIP Server Yes No

Primary SIP Server Server address (IP or Domain Name) and Port (default 5060)

Secondary SIP Server Server address (IP or Domain Name) and Port (default 5060)

Local Domain name (SIP userpart of authentication)

SIP Signaling Port (default 5060, between 1 to 65535)

Register Expiration (in seconds, default 60, between 10 to 86400)

Session Re-Fresh INVITE UPDATE

Session Expire Time (in seconds, default 1800, between 30 to 86400, 0 = disable)

Information

AddPac Technology
Model : GS1002_G2
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S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Configure the settings for SIP.
Contact your service provider
for the settings

Настройки SIP сервера
Основной и резервный SIP сервер,
Аутентификационное имя (если треб.),
Порт SIP сервера (треб. перезапуск)
Таймер перерегистрации

Номер для FXS

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

FXS Extension

Port Information

Port	P0	P1	P2	P3
SLOT0	GSM	GSM	FXS	FXS

FXS Extension Configuration

Index	Port	Numbers	Preference	HuntStop	Select
0	0/2	1234	0	0	<input type="checkbox"/>

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Set up for using FXS port to extension number (forwarding No)

Информация и портах
Физический порт и его тип

Номер
Настройка номера телефона для порта FXS.
Приоритет(Preference): 0 - самый высокий

Номера для GSM

Information about ports
Физический порт и его тип

GSM number
Настройка GSM телефонного номера для приема вызова (как правило, используется "Т" для каждого порта)

GSM number translation
Используется для GSM callback

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

GSM Extension

Port Information

Port	P0	P1	P2	P3
SLOT0	GSM	GSM	FXS	FXS

GSM Extension Configuration

Index	Port	Numbers	Preference	HuntStop	Select
0	0/0	T	0	X	<input type="checkbox"/>

GSM Extension with Translation

Port	Destination Pattern	Digits to Insert	Number of Digits to Delete
P0:0	33	8	1
P0:1			0

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Set up for using GSM port to extension number (forwarding No)

DTMF и кодеки

Codecs
Конфигурация приоритетов кодеков
(g711a, g711u, g729, g7231, g726)

DTMF
Конфигурация DTMF
(in-band, RFC2833, out-of-band, CISCO type out-of-band)

Smart Web Manager
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System

- Network Setup
- Language

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC**
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

DTMF/CODEC

Voice CODEC

Preference 1	None
Preference 2	None
Preference 3	None
Preference 4	None
Preference 5	None
Preference 6	None

DTMF Relay mode

- DTMF relay by in-band voice
- DTMF relay by RTP payload defined by RFC 2833
- DTMF relay by Out-of-band signal
- DTMF relay by Cisco out-of-band signal

Apply

Information

AddPac Technology
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H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Configure the settings for GSM Dial Plan and Prefix table

VoIP Диал план

VoIP Диал план

Конфигурация правил трансляции для VOIP.
Сначала назначить цифру(ы) для удаления
Затем цифру(ы) для вставки

Например: Номер = 123456

Number of Digits to Delete = 2
Digits to Insert = "88"

Результат = 883456

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

VoIP Dial Plan / Prefix

Plan Table

Index	Digits to Insert	Number of Digits to Delete	Digit Pattern	Control
0	2	0	T	<input type="checkbox"/>

Prefix Table

Index	Prefix	PlanIndex	Control
0	T	2	<input type="checkbox"/>

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)/S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Configure the settings for the outbound call of main/remote and incoming E1 and routing

Таблица префиксов
(Обработывается SIP сервером)

GSM Диал план

Smart Web Manager
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System

- Network Setup
- Language
- NAT
- PPTP
- NTP

System

- SIP Registration
- FXS Extension
- GSM Extension

Miscellaneous

- WEB Callback
- GSM Callback
- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

GSM Dial Plan / Prefix

Port Information

Port	P0	P1	P2	P3
SLOT0	GSM	GSM	FXS	FXS

Plan Table

Index	Digits to Insert	Number of Digits to Delete	Digit Pattern	Control
0	1	1	2T	<input type="checkbox"/>

Prefix Table

Index	Prefix	2nd Prefix	PlanIndex	Slot/Port	Control
0	33	2T	0	0/0	<input type="checkbox"/>

Information

AddPac Technology
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HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Hot Line Setup

Информация о портах
Физический порт и его тип

VoIP PLAN

Конфигурация правил трансляции для GSM.

Сначала назначить цифру(ы) для удаления
Затем цифру(ы) для вставки

Например: Номер = 123456

Number of Digits to Delete = 2
Digits to Insert = "88"

Результат = 883456

Таблица префиксов
Для GSM.

Статическая маршрутизация

Smart Web Manager
www.addpac.com

Static Route

Set Remote Site Call(5-digit number is set to begin *2->*2...)

No	Remote Site IP	Prefix	Insert Digit	Delete Digit	Name of Remote Site	Answer Addr	Control
0	172.16.1.1	2...	172.16.9.16	0	Factory	T	<input type="checkbox"/>
*	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Статическая маршрутизация
Для маршрутизации внутри офиса.

Information
AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)/S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Горячая линия (Hot Line)

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line**

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Hot Line

Hot Line Configuration

Port	Hot Line Number	Digit Input Timeout <0~10 sec>
S0P0(G)	<input type="text"/>	<input type="text" value="п.а."/>
S0P1(G)	<input type="text"/>	<input type="text" value="п.а."/>
S0P2(S)	8888	5
S0P3(S)	<input type="text"/>	<input type="text"/>

Apply

Information

AddPac Technology
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Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Hot Line

- Используется как baby-call (автоматическое прямое соединение)
- Digit Input Timeout используется только для FXS порта: номер Hot Line будет автоматически набран, если по истечении времени таймера не была набрана ни одна из цифр)

Уровень звука и Called ID

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
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- DTMF/CODEC
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- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID**
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Gain

Port	Port Type	InputGain	OutputGain	Caller ID
P0:0	GSM	0	0	<input checked="" type="checkbox"/>
P0:1	GSM	0	0	<input checked="" type="checkbox"/>
P0:2	FXS	0	0	<input checked="" type="checkbox"/>
P0:3	FXS	0	0	<input checked="" type="checkbox"/>

Apply

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
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Voice Interface
G(2)S(2)
Protocol : SIP
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Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Adjust the input voice volume from FXS/FXO/E1/E&M to DSP and the output volume from DSP to the phone or PSTN line;

Gain & CID
Входящий и исходящий уровень звука.
Вкл/Выкл функции Caller ID
(определитель номера)

PIN коды

Smart Web Manager
www.addpac.com

GSM PINs

PINs

Port	PIN for SIM card
P0:0	<input type="text"/>
P0:1	<input type="text"/>

Apply

GSM PIN
Конфигурация GSM PIN(Personal Identification Number)

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Configure GSM PINs

Факс

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax**
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Fax

Fax Mode T.38 Inband T.38 Bypass

Fax Rate Disable 2400 4800 7200 9600 12000 14400

Apply

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Enable or disable T.38/Inband T.38, which is fax internet protocol and specify Baudrate

FAX
Конфигурация режима и скорости передачи факсов

Сервисы

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Service

Enable Telnet Server Port: (default 23, 1-65535)

Enable HTTP Server Port: (default 80, 1-65535)

Enable FTP Control Port: (default 21, 1-65535)
Data Port: (default 20, 1-65535)

Enable Syslog

Primary Server: Port: (default 514)
Secondary Server: Port: (default 514)
Log Level:
Log Command:

Timer

Inter Digit Time: sec (default 3, 1-600)

Call Service

Transfer: Hook-Flash Not-assigned
Hold: Hook-Flash Not-assigned

SIP Transfer

Mode: blind Attended

Apply

Information

AddPac Technology
Model: GS1002_G2
H/W Version: 2.0
S/W Version: 8.00d
Smart Web Version: 0.4
Smart Web Build: Mar 24 2010
Voice Interface: G(2)S(2)
Protocol: SIP
Status: Unregistered
CurrentCalls: 0 Call
Network: Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Enable or disable Telnet, HTTP, FTP and specify the access port and Call Hold/Transfer and Timer.

Service

- Конфигурация сервисов приложений (Telnet, HTTP, ftp, syslog)
- Конфигурация IDT(Inter Digit Time)
- Конфигурация Call-Transfer & Hook-Flash-Usage

IP фильтры

Smart Web Manager
www.addpac.com

Filter

FTP Filter

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

HTTP Filter

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

Telnet Filter

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

For FTP, HTTP, Telnet, set up one IP or IP band for allowing access

Filter
Конфигурация фильтров для сервисов IP

Безопасность

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security**
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Security

IP Filtering Enable Disable

WarDialing Filtering Enable Disable

Allow Digit Length(IP to PSTN) Min Max

SIP Shutdown Enable Disable

Apply

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002:a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Configure the settings for IP authentication and protocol and incoming number

Security

- IP Filtering : Включение/отключение IP фильтра
- WarDialing : Разрешение только входящего вызова с зарегистрированного внутри сети телефона
- Digit Length : Установка длины номера
- SIP : Сигнальные SIP пакеты будут отфильтрованы.

GSM Web Callback

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Calling Number White List
Список номеров для которых доступен CallBack

WEB Callback
Для соединения вручную из веб-интерфейса

Статус
Просмотр статуса звонков в реальном времени

GSM WEB Callback

Calling Number Whitelist

index	DialPattern	Control
0	01023234444	<input type="checkbox"/>

0 [input type="text" value=""] [Delete] [Add]

WEB Callback

Destination Numbers	Source Numbers	Control
8888	9999	[Apply]

Call Fail

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Execute GSM call service function and Configure call service whitelist

GSM Callback

GSM Callback

- Поступивший звонок из GSM будет автоматически сброшен (отбой)
- GSM шлюз перезвонит вызывающему.

Calling Number White List

Список номеров, для которых доступен и срабатывает CallBack

Callback

Назначение Списка номеров на конкретный порт

Smart Web Manager
www.addpac.com

GSM Callback

Calling Number Whitelist

Group	Index	DialPattern	Control
3	0	123T	<input type="checkbox"/>

3 0

Delete Add

Callback

GSM Port	My Number	WhiteList Group
P0:0		3
P0:1		N.A.

Apply

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Execute GSM callback function and Configure callback whitelist

Статус звонков

System

- Network Setup
- Language
- NAT
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line
- Security
- SNMP
- WEB Callback
- GSM Callback

Call Status

Port Status (Analog)

Slot	Port	Port Group			
		0()	1()	2()	3()
SLOT 0	Status	I	I	I	I
	Select	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Unblock Block

Connection State : (Connected) (Disconnected || Blocked)
Call State : (Idle) (Ring || Dial) (Called) (Calling) (Blocked)

Call Status

Port	Direction	Established Time	Calling Number	Called Number	CODEC	Src/Dest. IP
0	In	00:00:00	172.16.9.16	172.16.9.16	G.711	172.16.9.16
0	Out	00:00:00	172.16.9.16	172.16.9.16	G.711	172.16.9.16

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Verify port status and retrieve the present call information

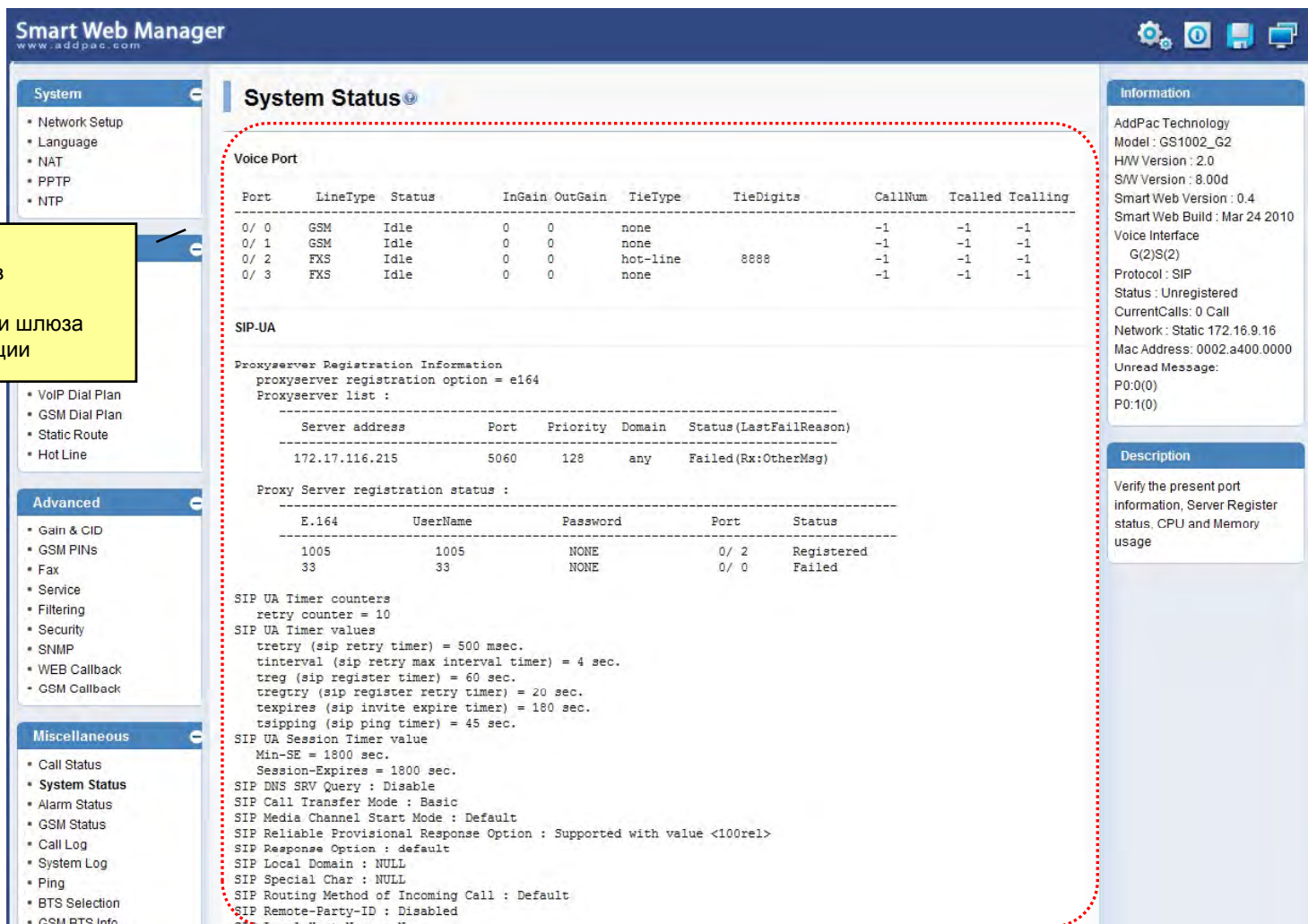
Analog Port
Просмотр статуса аналоговых портов в реальном времени (занятость, статус звонка).

Active Call Status
Просмотр статуса активных звонков (инф. о вызывающем и вызываемом, кодек и т. д.)

Системный статус

System Status

- статус голосовых портов
- статус SIP регистрации
- информация о состоянии шлюза
- состояние инициализации



The screenshot shows the 'System Status' page in the Smart Web Manager interface. The page is divided into several sections: 'Voice Port', 'SIP-UA', 'Proxy Server registration status', and 'SIP UA Timer values'. A red dashed box highlights the 'Voice Port' and 'SIP-UA' sections. The 'Voice Port' section contains a table with columns: Port, LineType, Status, InGain, OutGain, TieType, TieDigits, CallNum, Tcalled, and Tcalling. The 'SIP-UA' section contains text-based information about proxy server registration and timer values. The 'Proxy Server registration status' section contains a table with columns: E.164, UserName, Password, Port, and Status. The 'SIP UA Timer values' section contains text-based information about timer values. The page also includes a left sidebar with navigation menus for 'System', 'Advanced', and 'Miscellaneous'. The right sidebar contains 'Information' and 'Description' sections.

System Status

Voice Port

Port	LineType	Status	InGain	OutGain	TieType	TieDigits	CallNum	Tcalled	Tcalling
0/ 0	GSM	Idle	0	0	none		-1	-1	-1
0/ 1	GSM	Idle	0	0	none		-1	-1	-1
0/ 2	FXS	Idle	0	0	hot-line	8888	-1	-1	-1
0/ 3	FXS	Idle	0	0	none		-1	-1	-1

SIP-UA

Proxyserver Registration Information
proxyserver registration option = e164
Proxyserver list :

Server address	Port	Priority	Domain	Status (LastFailReason)
172.17.116.215	5060	128	any	Failed (Rx:OtherMsg)

Proxy Server registration status :

E.164	UserName	Password	Port	Status
1005	1005	NONE	0/ 2	Registered
33	33	NONE	0/ 0	Failed

SIP UA Timer counters
retry counter = 10
SIP UA Timer values
tretry (sip retry timer) = 500 msec.
tinterval (sip retry max interval timer) = 4 sec.
treg (sip register timer) = 60 sec.
tregtry (sip register retry timer) = 20 sec.
texpires (sip invite expire timer) = 180 sec.
tsipping (sip ping timer) = 45 sec.
SIP UA Session Timer value
Min-SE = 1800 sec.
Session-Expires = 1800 sec.
SIP DNS SRV Query : Disable
SIP Call Transfer Mode : Basic
SIP Media Channel Start Mode : Default
SIP Reliable Provisional Response Option : Supported with value <100rel>
SIP Response Option : default
SIP Local Domain : NULL
SIP Special Char : NULL
SIP Routing Method of Incoming Call : Default
SIP Remote-Party-ID : Disabled

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Verify the present port information, Server Register status, CPU and Memory usage

Статус ошибок

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

Basic

- Protocol
- Server SIP
- SIP Registration
- FXS Extension
- GSM Extension
- DTMF/CODEC
- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status**
- GSM Status
- Call Log
- System Log
- Ping
- BTS Selection
- GSM BTS Info

Alarm Status

Interface Down Counter = 0
H323 Register Fail Counter = 0
SIP Register Fail Counter = 0

Clear

Alarm Status

- ошибки сетевого интерфейса
- ошибки регистрации H323
- ошибки регистрации SIP

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Verify the physical failure of LAN, H.323 / SIP Register Fail by increasing counter

GSM Статус

Smart Web Manager
www.addpac.com

GSM Status

GSM Port Status & Information

Port	My Phone Number	Device Information		Accounting (Used/Quota/Free)	
		Register Status	Signal Strength	Voice Quota(secs)	SMS Quota(E.A.)
P0:0		REG	0dB	0 / 36000 / 36000	0 / 300 / 300
P0:1		REG	0dB	0 / -1 / -1	0 / -1 / -1

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Display GSM wireless status

GSM Status

- мой номер
- статус GSM регистрации
- уровень сигнала GSM

* Квота звонков (исп / квота / остаток)

* квота СМС (исп / квота / остаток)

Лог звонков

Smart Web Manager
www.addpac.com

Call Log

CallNum	EventTime	Descript	CallingPartyNum	CalledPartyNum	RemoteInfo	SetupTime	Dur	Reason
<	1> Jan 1 02:49:50	local	8888	9999	:		0	Local:CallClear

Call Log
Просмотр истории звонков

- * номер по списку
- * время вызова
- * среда вызова
- * вызывающий номер
- * вызываемый номер
- * IP адрес
- * Время соединения
- * продолжительность вызова
- * причина завершения

Системный лог

Smart Web Manager
www.addpac.com

System Log

command logging buffers (messages logged)

event logging buffers (messages logged)

System Log
- ЛОГ СИСТЕМНЫХ КОМАНД
- ЛОГ ОПОВЕЩЕНИЙ И ОШИБОК

Information
AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description
Retrieve the system log

Ping

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT

Advanced

- Gain & CID
- GSM PINs
- Fax
- Service
- Filtering
- Security
- SNMP
- WEB Callback
- GSM Callback

Miscellaneous

- Call Status
- System Status
- Alarm Status
- GSM Status
- Call Log
- System Log
- **Ping**
- BTS Selection
- GSM BTS Info

Ping

Host address Start

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls: 0 Call
Network : Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Verify the physical failure of LAN, H.323 / SIP Register Fail by increasing counter

PING
Диагностика сети на основе команды ping

PING
Результат ping'a

LCR – Black-лист и White-лист

Smart Web Manager
www.addpac.com

GSM LCR / Black List & White List

BlackList

Index	DialPattern	Control
0	888T	<input type="checkbox"/>

0 [v] [input type="text"] [Delete] [Add]

WhiteList

Index	DialPattern	Control
0	2...	<input type="checkbox"/>

0 [v] [input type="text"] [Delete] [Apply]

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Configure black & white list

LCR Black & White List
Black List : Запрещенные для набора в GSM.
White List : Разрешенные для набора в GSM.

LCR – Временные интервалы

The screenshot displays the Smart Web Manager interface for configuring GSM LCR / Time Interval Groups. The main content area is titled "GSM LCR / Time Interval Group" and contains a "TimeInterval" section. This section features a table with the following columns: Group, Days, StartTime(hh:mm), EndTime(hh:mm), and Control. A red dashed box highlights the table and the "Add" button below it. The table contains one entry with Group "0", Days "Weekdays", StartTime "00:00", and EndTime "23:59". Below the table, there are input fields for Group (0), Days (weekend), and Start/End times (0:00 and 0:00). A "Delete" button is also present. On the right side, there is an "Information" panel with details such as AddPac Technology, Model: GS1002_G2, and Status: Unregistered. Below it is a "Description" panel with the text "Configure time interval group".

Group	Days	StartTime(hh:mm)	EndTime(hh:mm)	Control
0	Weekdays	00:00	23:59	<input type="checkbox"/>

Time Interval
Ограничение GSM звонков в интервалы времени

Группировка по тарифам

The screenshot shows the 'GSM LCR / Tariff Group' configuration page in the Smart Web Manager. The page is divided into several sections: 'System', 'Basic', 'Advanced', and 'Information'. The main configuration area is titled 'Tariff Group' and contains a table with columns for 'Group', 'Time Group', 'Restore Call Limit', 'Accounting Period', and 'Free Quota'. Below the table are 'TariffPort' and 'TariffGroup' sections. The 'Tariff Group' table has a red dashed box around its header and first row. The 'TariffPort' section has a red dashed box around its 'TariffGroup' dropdown menu. The 'Free Quota' section has a red dashed box around its input fields. Four yellow callout boxes provide detailed explanations for these sections.

Group	Time Group	Restore Call Limit		Accounting Period		Free Quota		Control
Type	RestoreDay	First(sec)	Others(sec)	Voice(min)	SMS(E.A.)			
0	0	monthly	15	30	10	600	300	<input type="checkbox"/>
0	0	daily	1					<input type="checkbox"/>

Time Interval Group
Интервал времени для данной тарифной группы

Restore call limit
Время сброса квоты

Accounting Period
Используется для голосовых вызовов.
Например:
- настроено как First 30 сек, Other 10 сек

соединение -- первые 30 сек учитываются.
после 30 сек -- 10 сек дополнительно учитываются.
после 10 сек -- 10 сек дополнительно учитываются и т. д.

Tariff Group
Применение тарифной группы для GSM порта

Free quota
Информация о квоте звонков и СМС.
Доступно, если GSM сеть в норме.

LCR Test

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NAT
- PPTP
- NTP

LCR Test

Caller:

Called Number:

```
< 1> LCR : =====
< 2> LCR : == GSM LCR(Least Cost Route) Simulator Start ==
< 3> LCR : =====
< 4> LCR : -- src digits : 8888(GSM) -> dst digits : 9999(GSM)
< 5> LCR : -- MatchAllProcess After Sorted
< 6> LCR : <0> id(3048) dest(T) prefer(0) selected(0)
< 7> LCR : -- Trying : <0> id(3048) dest(T)
< 8> LCR : -- Error : Outbound White Group(id:1) UnMatched
< 9> LCR : -----
< 10> LCR : -- Result : Fail
< 11> LCR : =====
< 12> LCR : == GSM LCR(Least Cost Route) Simulator End ==
< 13> LCR : =====
```

Information

AddPac Technology
Model : GS1002_G2
H/W Version : 2.0
S/W Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

LCR Test

LCR Test
LCR симулятор звонка

LCR Test
Статус звонка при симуляции.

Advanced

- Gain & CID
- GSM PIN

Входящие SMS

Smart Web Manager
www.addpac.com

GSM SMS / InBox
number of messages are 0 P0:0 OK

Index	Sender	Received	Message	Select
-------	--------	----------	---------	--------

Delete

GSM SMS / In Box

- всего смс
- непрочитанные sms (голубым цветом)
- время приема sms
- текст

Information

AddPac Technology
Model : GS1002_G2
HW Version : 2.0
SW Version : 8.00d
Smart Web Version : 0.4
Smart Web Build : Mar 24 2010
Voice Interface
G(2)S(2)
Protocol : SIP
Status : Unregistered
CurrentCalls : 0 Call
Network : Static 172.16.9.16
Mac Address : 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

Новое SMS сообщение

Smart Web Manager
www.addpac.com

GSM SMS / New Message

Max size is 80 characters

Phone Number:

Message:

Port: P0:0

Send

Information

AddPac Technology
Model: GS1002_G2
HW Version: 2.0
SW Version: 8.00d
Smart Web Version: 0.4
Smart Web Build: Mar 24 2010
Voice Interface
G(2)/S(2)
Protocol: SIP
Status: Unregistered
CurrentCalls: 0 Call
Network: Static 172.16.9.16
Mac Address: 0002.a400.0000
Unread Message:
P0:0(0)
P0:1(0)

Description

New Message
отправка нового СМС сообщения.

AddPac

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