



# AP-LMS2500

## Bluetooth VoIP Gateway

High Performance LMS(Land to Mobile Station) VoIP Gateway Solution

Smart Web Manager Overview



**AddPac**

**AddPac Technology**

Sales and Marketing

[www.addpac.com](http://www.addpac.com)

# Contents

- Product Overview
- Hardware Specification
- Smart Web Manager Overview



Bluetooth VoIP Module

# Product Overview

## AP-LMS2500 Multi-Port LMS VoIP Gateway

- Four(4) Module Slots for 4-Port Bluetooth Module, 3G WCDMA, 8FXS/8FXO Analog Interface (Up to 16-Port Bluetooth Channel)
- Analog Interface (FXS)/VoIP Interface(LAN) Both Support
- Mobile Phone Interworking Solution via Bluetooth Technology
- H.323/SIP Dual Concurrent Stack Embedded
- High Performance RISC & Programmable DSP Architecture
- Two(2) 10/100Mbps Fast Ethernet (IP Share, etc)
- High Performance LAN-to-LAN Routing Capability
- G.711/G.726/G.723/G.729, T.38 Fax , VAD, etc
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Firmware Upgradeable Architecture
- Smart Web Manager for LMS VoIP Gateway
- Smart NMS for Large Scale Deployment
- Advanced Voice QoS Mechanism

# Hardware Specification

## AP-LMS2500 Multi-Port LMS VoIP Gateway

RISC  
CPU

High-end  
DSP

- RISC Microprocessor Computing Power
- Four(4) Module Slot for Bluetooth, 3G, Analog Interface
- 4-Port Bluetooth Module(AP-N1-LMS4)
  - Four(4) Bluetooth Antenna Interface
  - Hot-Swap
- VoIP Interface Module
  - 8-Port FXS Module (AP-N1-FXS8)
  - 8-Port FXO Module (AP-N1-FXO8)
  - Digital E1/T1 Module (AP-N1-E1)
  - Hot-Swap
- Network Interface
  - Two(2) 10/100Mbps Fast Ethernet (RJ45)
- RS232C Console Interface for CLI
- Run LED, LAN LED, Port LEDs
- Internal Power Supply



# Hardware Specification

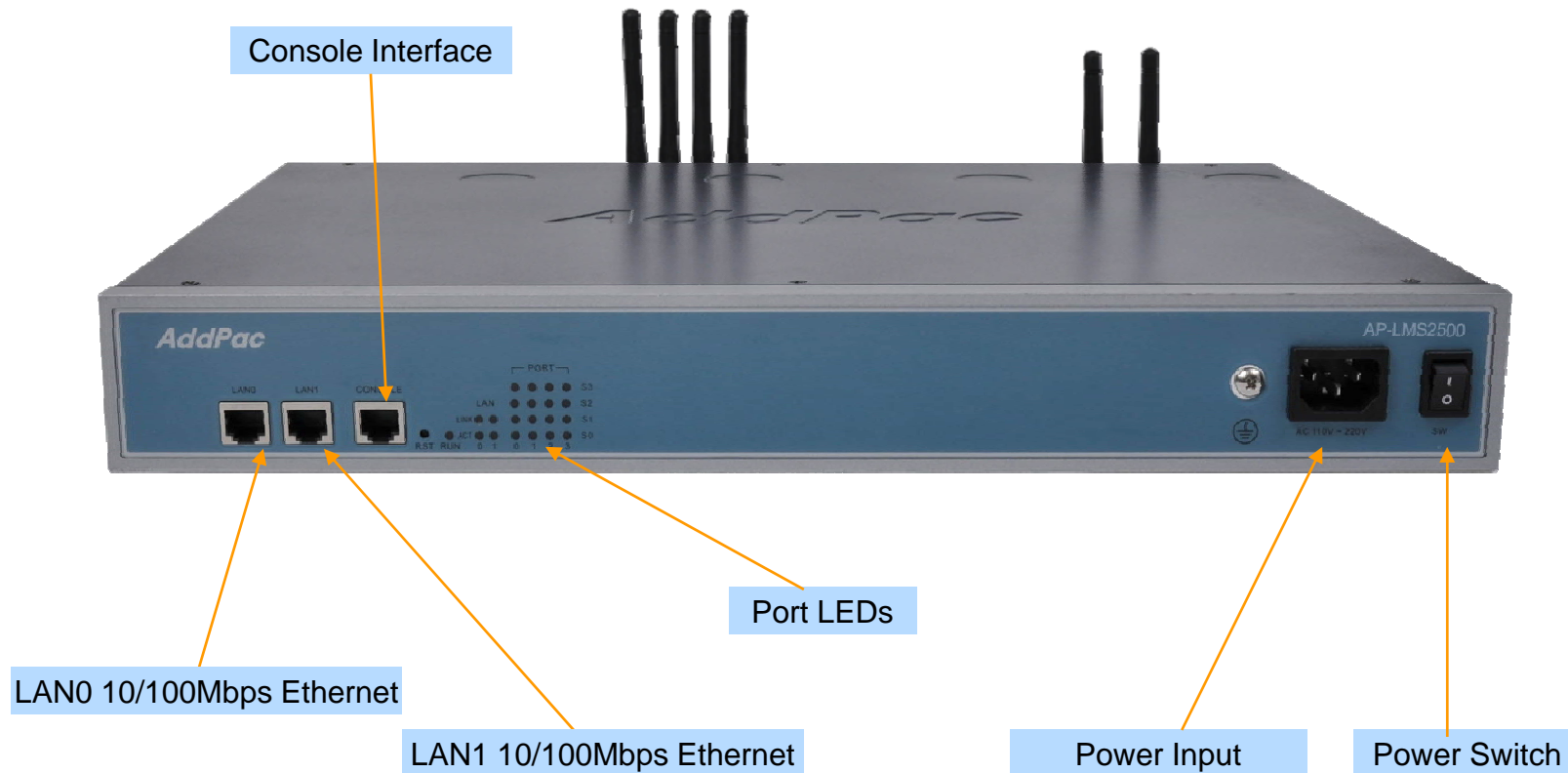
## AP-LMS2500 Multi-Port LMS VoIP Gateway

<b>AP-LMS2500 LMS VoIP Gateway</b>	<b>Basic Specifications</b>
<b>Mobile Interface</b>	Four(4) Module Slots for LMS, 3G WCDMA, etc
	AP-N1-LMS4, AP-N1-3G4I, AP-N1-FXS8, AP-N1-FXO8, AP-N1-FXS4O4, AP-N1-E1
<b>Ethernet Interface</b>	2-Ports 10/100Mbps Ethernet Interface(RJ-45)
<b>Flash Memory</b>	512Mbyte Flash
<b>Base Memory</b>	128Mbyte High-Speed SDRAM
<b>Power Requirement</b>	Power Supply / VAC 110~220V, 50/60Hz, 5V 20A
<b>Operating Temperature</b>	0°C ~ 45°C (32 °F ~ 122°F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°C ~ 185°F)
<b>Relative Humidity</b>	5% ~ 95% (Non-condensing)
<b>Dimensions</b>	H x W x D (56 x 440 x 313mm)
<b>Weight(kg)</b>	4.9Kg

# Hardware Specification

AP-LMS2500 Multi-Port LMS VoIP Gateway

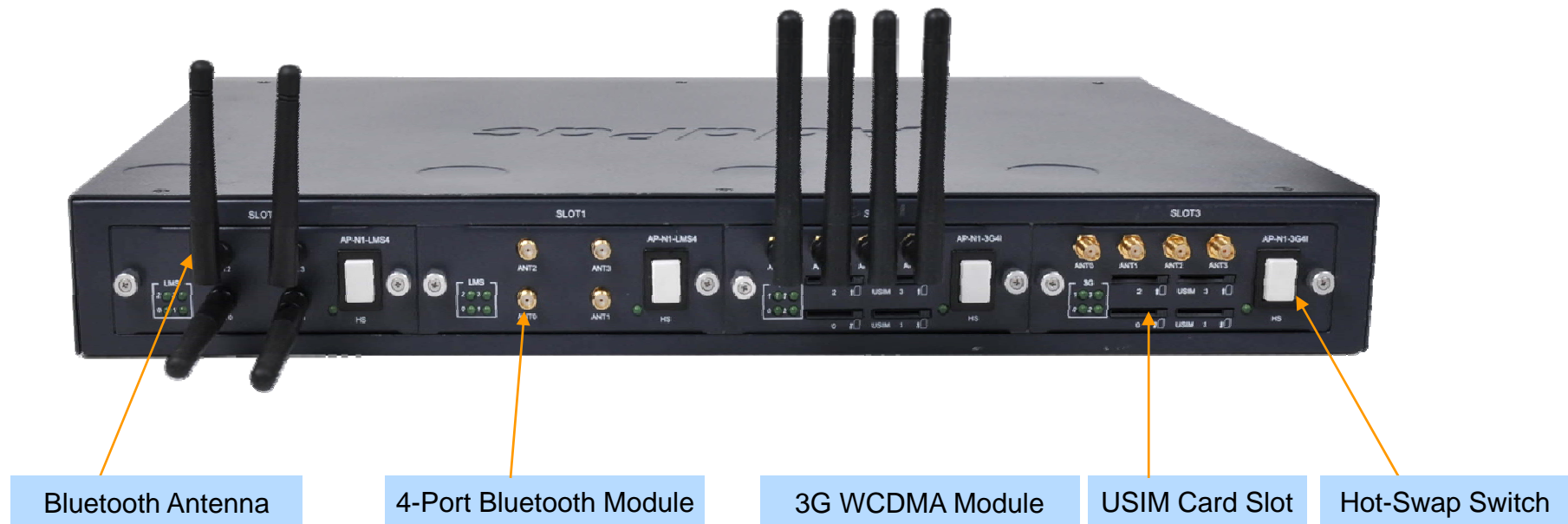
## Front Side View



# Hardware Specification

AP-LMS2500 Multi-Port LMS VoIP Gateway

## Back Side View (8-Port Bluetooth + 8-Port 3G WCDMA)





# Smart Web Manager Overview



# Contents

- System
- Basic
- Advanced
- Miscellaneous
- LCR

# System : Language

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic** +

**Advanced** +

**Miscellaneous** +

**LCR** +

**SMS** +

### Configure Language

한국어

English

Portugal

Apply

**Information**

AddPac Technology  
Model : LMS2500\_G2  
HW Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None

Protocol : SIP

Status : Unregistered

Current Calls : 0

CallNetwork : Static  
[172.17.205.25](#)

Mac Address: 0002.a400.0000

Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

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

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VoIP Traffic Optimizer

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vtosales@addpac.com

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# System : LAN Setup

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## LAN Setup

None

IP Share (IP Connect)

IP Address:  A.B.C.D (default: [192.168.10.1](#))  
Network Mask:  A.B.C.D (default: [255.255.255.0](#))

Static

Enable DHCP Server  
Default Lease time:  (in seconds, default 43200, 1 day)  
Address Range:   
DNS Server:  A.B.C.D

Apply

### Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

### Description

This command sets up LAN port. This setting is used for the connected PC internally. It is recommended to use IP share for 1 PC and static for many. For static, the private address band is required. The recommended address bands are IP Address [192.168.10.1](#), Network Mask [255.255.255.0](#), Address Range 192.168.10.2 - 192.168.10.254. At this time, the internal PC must be set to [Receiving IP address automatically]

AddPac VTO Service

# System : WAN Setup

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System

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

Basic

Advanced

Miscellaneous

LCR

SMS

## WAN & Tunneling Setup

WAN Setup

Hostname

IP Address  A.B.C.D  
Network Mask  A.B.C.D  
Default Router  A.B.C.D

Static IP

DNS Server  Primary DNS Server  
 Secondary DNS Server

User name   
Password

PPPoE(ADSL)

Authentication  (No Authentication)  
 PAP (PPP Authentication Protocol)  
 CHAP(Challenge Handshake Authentication Protocol)

DHCP

VLAN ID

Auto

WAN Link Control

Speed  100  10  
Duplex  full  half

NAT & Bridge  None  NAT  Bridge

MAC(Hardware) Address

QoS Control  Enable QoS (optional)

Bandwidth :  Kbps (default auto, 48-4096)  
PPS :  pps (default auto, 50-2000)

Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
172.17.205.25  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

Description

This command sets up WAN port. The static IP address is to be assigned from the service provider and you can enter the assigned IP address. For DHCP and PPPoE, the IP 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

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# System : NAT

The screenshot shows the 'Smart Web Manager' interface for configuring NAT. The main content area is titled 'NAT Static Table' and contains a table with the following columns: 'IP Protocol', 'Global Port', 'Local Address', 'Local Port', and 'Selection'. A single row is visible with 'tcp' in the 'IP Protocol' column. There are 'Delete' and 'Add' buttons associated with the table. On the left, a sidebar menu includes 'System', 'Basic', 'Advanced', 'Miscellaneous', 'LCR', and 'SMS'. On the right, there are 'Information' and 'Description' panels. The 'Information' panel lists device details like 'AddPac Technology', 'Model: LMS2500\_G2', and 'Smart Web Build: Mar 21 2018'. The 'Description' panel explains that this table is used for delivering TCP/UDP ports to PCs. At the bottom, there is a footer with the copyright notice '©AddPac Technology, all rights reserved.' and a promotional banner for 'AddPac VTO Service' (VoIP Traffic Optimizer).

IP Protocol	Global Port	Local Address	Local Port	Selection
tcp				

# System : NTP

The screenshot shows the 'Smart Web Manager' interface for configuring NTP. The left sidebar contains a 'System' menu with options: Language, WAN Setup, LAN Setup, NAT, NTP (selected), System Time, and File Browser. Below this are other system categories: Basic, Advanced, Miscellaneous, LCR, and SMS. The main content area is titled 'NTP' and features a form with the following fields:

- Enable/Disable: Radio buttons for 'Enable' (selected) and 'Disable'.
- Primary Server: Text input field with '(Domain Name or IP Address)' as a hint.
- Secondary Server: Text input field with '(Domain Name or IP Address)' as a hint.
- Interval: Text input field with '(1~72 hours)' as a hint.
- Timezone: A section with 'Name' and 'Offset' input fields, with a hint '(-23~23 hours) : (0~60 minute)'.

Below the form is a green 'Apply' button. On the right side, there is an 'Information' panel with the following details:

- AddPac Technology
- Model : LMS2500\_G2
- H/W Version : 2.0
- S/W Version : 8.51.018
- Smart Web Version : 0.4
- Smart Web Build : Mar 21 2018
- Voice Interface: None :: None : None
- Protocol : SIP
- Status : Unregistered
- Current Calls : 0
- CallNetwork : Static
- 172.17.205.25
- Mac Address : 0002.a400.0000
- Unread Message:
  - P1:0(0)
  - P1:1(0)
  - P1:2(0)
  - P1:3(0)

Below the information panel is a 'Description' section titled 'Setup NTP Server' and a promotional banner for 'AddPac VTO Service' (VoIP Traffic Optimizer) with contact information: sales@addpac.com and vtosales@addpac.com.

# System : System Time

The screenshot displays the 'System Time' configuration page in the Smart Web Manager interface. The page is titled 'System Time' and shows the current time as 'Tue Apr 17 19:59:05 2018'. Below this, there are fields for 'Time Zone' (Name and Offset) and 'Set System Time' (Year, Month, Day, Hour, Min, Sec). An 'Apply' button is visible below the form. The left sidebar contains a menu with options: System (Language, WAN Setup, LAN Setup, NAT, NTP, System Time, File Browser), Basic, Advanced, Miscellaneous, LCR, and SMS. The right sidebar contains an 'Information' section with details about AddPac Technology, model, versions, and status. Below this is a 'Description' section titled 'Setup System Time' and an advertisement for 'AddPac VTO Service' (VoIP Traffic Optimizer).

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**System Time**

Current Time: Tue Apr 17 19:59:05 2018

Time Zone: Name  Offset  :  (-23~23 hours) : (0~60 minutes)

Set System Time:  Year  1 Month  1 Day  1 Hour  1 Min  1 Sec

Apply

**Information**

AddPac Technology  
Model : LMS2500\_G2  
HW Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

Setup System Time

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vtosales@addpac.com

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# System : System Information

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- System
  - Language
  - WAN Setup
  - LAN Setup
  - NAT
  - NTP
  - System Time
  - File Browser
- Basic
- Advanced
- Miscellaneous
- LCR
- SMS

## System Information

Network Information	Static <a href="#">172.17.205.25</a>
WAN LINK Status	100Mbps FULL Duplex Link UP
LAN LINK Status	Link Down
Voice Interface Module	None : : None : None
VoIP Protocol	SIP
Registration Status	Unregistered
Total Calls	0

### Port Status

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

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

### Call State

Port	Direction	Duration	Calling Number	Called Number	CODEC	Src/Dest. IP

### Information

AddPac Technology  
 Model : LMS2500\_G2  
 H/W Version : 2.0  
 S/W Version : 8.51.018  
 Smart Web Version : 0.4  
 Smart Web Build : Mar 21 2018  
 Voice Interface  
 None : : None : None  
 Protocol : SIP  
 Status : Unregistered  
 Current Calls : 0  
 CallNetwork : Static  
[172.17.205.25](#)  
 Mac Address: 0002.a400.0000  
 Unread Message:  
 P1.0(0)  
 P1.1(0)  
 P1.2(0)  
 P1.3(0)

### Description

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# System : File Browser

The screenshot displays the Smart Web Manager interface for a file browser. The browser window shows the URL `172.17.205.25/index.html?page=wFileBrowser`. The interface includes a left sidebar with navigation menus for System, Basic, Advanced, Miscellaneous, LCR, and SMS. The main content area is titled "File Browser" and shows the "Index of Root/flash/" directory. A table lists the following files and directories:

Name	Size	Type	Last Modified
Parent Directory/		Directory	
tmp/		Directory	2000-Jan-01 00:00:08
<input type="checkbox"/> apos.cfg	3.8K	CFG	2018-Apr-17 12:38:25
<input type="checkbox"/> booter.cfg	0.3K	CFG	2018-Mar-20 15:43:52
<input type="checkbox"/> booter.cfg~	0.3K		2018-Mar-20 15:43:16
<input type="checkbox"/> lms2500_g2_v8_51_018.bin	4.3M	BIN	2018-Mar-22 11:36:32

Below the table is a "Delete" button and a search bar with a "찾아보기..." button and an "Upload" button. The right sidebar contains "Information" and "Description" sections. The "Information" section lists system details such as AddPac Technology, Model (LMS2500\_G2), and various version numbers. The "Description" section includes a "Back up / Restore the setting of the system software and device" button and a list of features like VoIP Anti-Block and VoIP Traffic Compression.

# Basic : Protocol

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**System** +

**Basic** -

- Protocol
- Server SIP
- Server H.323
- E1/T1 Trunk
- FXO Extension
- Mobile Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Mobile Dial Plan
- Static Route
- Hot Line
- ANI Route

**Advanced** +

**Miscellaneous** +

**LCR** +

**SMS** +

### Protocol

SIP(Session Initiation Protocol)  
 H.323(ITU H.323 Protocol)

#### Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172-17-205-25](tel:172-17-205-25)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

#### Description

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

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vtosales@addpac.com

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# Basic : Server SIP

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System

Basic

- Protocol
- Server SIP
- Server H.323
- E1/T1 Trunk
- FXO Extension
- Mobile Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan
- Mobile Dial Plan
- Static Route
- Hot Line
- ANI Route

Advanced

Miscellaneous

LCR

SMS

## SIP (Session Initiation Protocol)

Use SIP Server  Yes  No

Primary SIP Server  5060 Server address and Port (default 5060)

Secondary SIP Server  5060 Server address and Port (default 5060)

User Name

User Password  (encrypted)

Local Domain Name  (SIP userpart of authentication)

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

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

Session Re-Fresh  INVITE  UPDATE

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

Min-SE  1800 (in seconds, default 1800, between 30 to 86400)

Apply

### Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : : None : None

Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
Mac Address: 0002.a400.0000

Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

### Description

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

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VoIP Traffic Optimizer

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vtosales@addpac.com

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# Basic : Server H.323

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**System**

- Basic
  - Protocol
  - Server SIP
  - Server H.323
  - E1/T1 Trunk
  - FXO Extension
  - Mobile Extension
  - E1/T1 Extension
  - DTMF/CODEC
  - VoIP Dial Plan
  - FXO DialPlan
  - Mobile Dial Plan
  - Static Route
  - Hot Line
  - ANI Route
- Advanced
- Miscellaneous
- LCR
- SMS

### H.323 (ITU H.323 Protocol)

Use H.323 Server  Yes  No

Primary Gatekeeper  Server address and Port (default 1719)

Secondary Gatekeeper  Server address and Port (default 1719)

H.323 ID  (H.323 Identifier string)

H.323 Signaling Port  (default 1720, between 1 to 65535)

H.323 Call start mode  Fast  Slow

H.323 Tunnel mode  Enable  Disable

**Information**

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172-17-205-25](tel:172-17-205-25)  
Mac Address: 0002.a400.0000

Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

Configure the settings for H.323. Contact your service provider for the settings

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# Basic : DTMF/CODEC

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**System** +

**Basic** -

- Protocol
- Server SIP
- Server H.323
- E1/T1 Trunk
- FXO Extension
- Mobile Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan
- Mobile Dial Plan
- Static Route
- Hot Line
- ANI Route

**Advanced** +

**Miscellaneous** +

**LCR** +

**SMS** +

### DTMF/CODEC

**Voice CODEC**

Preference 1	g711ulaw : G711 u-law Codec Type(64 kbps)
Preference 2	g711alaw : G711 a-law Codec Type(64 kbps)
Preference 3	g729 : G729 Codec Type(8 kbps)
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

**Information**

AddPac Technology  
Model : IMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

**Voice Interface**

None : None : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172-17-205-25](tel:172-17-205-25)  
Mac Address: 0002.a400.0000

**Unread Message:**

P1:0)  
P1:1)  
P1:2)  
P1:3)

**Description**

Configure the settings for DTMF type and voice CODEC

- VoIP Anti-Block
- VoIP Traffic Compression
- Plug&Play VTO Service
- Remote GSM Gateway Web Connect Service : No Teamviewer
- VoIP Traffic Monitoring (Bandwidth, Packet loss, Delay, CDR, ASR/ACD)

[sales@addpac.com](mailto:sales@addpac.com)  
[vtosales@addpac.com](mailto:vtosales@addpac.com)

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# Basic : VoIP Dial Plan

The screenshot shows the 'Smart Web Manager' interface for configuring a 'VoIP Dial Plan / Prefix'. The interface is divided into several sections:

- System:** A sidebar menu with categories: System, Basic, Advanced, Miscellaneous, LCR, and SMS.
- Basic:** A list of configuration options including Protocol, Server SIP, Server H.323, E1/T1 Trunk, FXO Extension, Mobile Extension, E1/T1 Extension, DTMF/CODEC, VoIP Dial Plan, FXO DialPlan, Mobile Dial Plan, Static Route, Hot Line, and ANI Route.
- VoIP Dial Plan / Prefix:** The main configuration area containing:
  - Plan Table:** A table with columns: Rule Num, Digits to Insert, Digits to delete, Digit Pattern, and Control. It includes 'Delete' and 'Add' buttons.
  - Prefix Table:** A table with columns: Voip Num, Prefix, Called Num Plan, Calling Num Plan, Hunt Stop, and Control. It includes 'Delete' and 'Apply' buttons.
- Information:** System details including AddPac Technology, Model (LMS2500\_G2), H/W Version (2.0), S/W Version (8.51.018), Smart Web Version (0.4), Smart Web Build (Mar 21 2018), Voice Interface (None), Protocol (H.323), Status (Unregistered), Current Calls (0), CallNetwork (Static), Mac Address (0002.a400.0000), and Unread Message (P1:0(0), P1:1(0), P1:2(0), P1:3(0)).
- Description:** A brief description: 'Configure the settings for VoIP Dial Plan and Prefix table'.
- Advertisement:** A banner for 'AddPac VTO Service' (VoIP Traffic Optimizer) with contact information: sales@addpac.com and vtosales@addpac.com.

At the bottom of the main configuration area, there are two red asterisk warnings:

- \* VoIP Dial Plan - Assigned Translation-Rule Tag Number : 0 - 99
- \* VoIP Dial Plan - Assigned VoIP Tag Number : 10000 - 10099

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# Basic : Mobile Dial Plan

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**System** | **Mobile Extension**

**Basic**

- Protocol
- Server SIP
- Server H.323
- E1/T1 Trunk
- FXO Extension
- Mobile Extension**
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan
- Mobile Dial Plan
- Static Route
- Hot Line
- ANI Route

**Advanced**

**Miscellaneous**

**LCR**

**SMS**

**Port Information**

Port	P0	P1	P2	P3	P4	P5	P6	P7
SLOT 0								
SLOT 1	BLT	BLT	BLT	BLT				
SLOT 2								
SLOT 3								

FXS    FXO/E&M    E1/T1    Mobile

**Mobile Extension Configuration**

Pots Num	Port	Numbers	Preference	HuntStop	Control
	P1:0		0	<input type="checkbox"/>	Delete

Apply

\* Mobile Extension - Assigned Pots Tag Number : 3048 - 3559

**Mobile Extension with Translation**

Rule Num	Port	Destination Pattern	Digits to Insert	Digits to delete
908	P1:0			
909	P1:1			
910	P1:2			
911	P1:3			

Apply

\* Mobile Extension - Assigned Translation-Rule Tag Number : 900 - 939

**Information**

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

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

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VoIP Traffic Optimizer  
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vtosales@addpac.com

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# Basic : Static Route

The screenshot displays the 'Smart Web Manager' interface for configuring a 'Static Route'. The left sidebar contains a navigation menu with categories: System, Basic, Advanced, Miscellaneous, LCR, and SMS. The 'Basic' category is expanded, showing options like Protocol, Server SIP, Server H.323, E1/T1 Trunk, FXO Extension, Mobile Extension, E1/T1 Extension, DTMF/CODEC, VoIP Dial Plan, FXO DialPlan, Mobile Dial Plan, Static Route, Hot Line, and ANI Route. The 'Static Route' option is selected.

The main content area is titled 'Static Route' and includes a sub-header 'Set Remote Site Call(5-digit number is set to begin \*2->\*2...)'. Below this is a table with the following columns: VoIP Num, Remote Site IP, Signaling Port, Prefix, Digits to Insert, Digits to Delete, Name of Remote Site, Answer Addr, and Control. The table contains one entry with the following values: VoIP Num: 10100, Remote Site IP: 172.17.205.2, Signaling Port: 1720, Prefix: 2005, Digits to Insert: (empty), Digits to Delete: 0, Name of Remote Site: (empty), Answer Addr: T, and Control: . There are 'Delete' and 'Apply' buttons next to the table.

Below the table, there are two red asterisked notes:

- \* Static Route - Assigned Voip Tag Number : 10100 - 10199
- \* Static Route - Assigned Translation-Rule Tag Number : 10100 - 10199

The right sidebar contains an 'Information' section with the following details:

- AddPac Technology
- Model : LMS2500\_G2
- H/W Version : 2.0
- S/W Version : 8.51.018
- Smart Web Version : 0.4
- Smart Web Build : Mar 21 2018
- Voice Interface: None : None : None
- Protocol : H.323
- Status : Unregistered
- Current Calls : 0
- CallNetwork : Static
- 172.17.205.25
- Mac Address: 0002.a400.0000
- Unread Message:
- P1.0(0)
- P1.1(0)
- P1.2(0)
- P1.3(0)

Below the information is a 'Description' section with the text: 'Configure the settings for the outbound call of main/remote and incoming E1/T1 and routing'. At the bottom of the right sidebar is an advertisement for 'AddPac VTO Service' featuring a 'VoIP Traffic Optimizer' device and contact information: sales@addpac.com and vtosales@addpac.com.

At the bottom of the interface, there is a footer: ©AddPac Technology, all rights reserved.



# Basic : Hot-Line

**Smart Web Manager**  
www.addpac.com

**System** [ + ]

**Basic** [ - ]

- Protocol
- Server SIP
- Server H.323
- E1/T1 Trunk
- FXO Extension
- Mobile Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan
- Mobile Dial Plan
- Static Route
- Hot Line
- ANI Route

**Advanced** [ + ]

**Miscellaneous** [ + ]

**LCR** [ + ]

**SMS** [ + ]

## Hot Line

Hot Line Configuration

Port	Hot Line Number	Digit Input Timeout <0-10 sec>
S1P0(B)	<input type="text"/>	0 [ v ]
S1P1(B)	<input type="text"/>	0 [ v ]
S1P2(B)	<input type="text"/>	0 [ v ]
S1P3(B)	<input type="text"/>	0 [ v ]

Apply

**Information**

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

Hot Line Setup

**AddPac VTO Service**

VoIP Traffic Optimizer

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vtosales@addpac.com

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# Basic : ANI Route

**Smart Web Manager**  
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**System**

**Basic**

- Protocol
- Server SIP
- Server H.323
- E1/T1 Trunk
- FXO Extension
- Mobile Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan
- Mobile Dial Plan
- Static Route
- Hot Line
- ANI Route**

**Advanced**

**Miscellaneous**

**LCR**

**SMS**

## ANI Based Route

Dial-Pattern Group Table

Group ID	Index	DialPattern	Control
100	0		Delete
			Apply

Port Mapping

Port	DialPattern Group	Port	DialPattern Group
S1:P0	100	S1:P1	-1
S1:P2	101	S1:P3	-1

Apply

**Information**

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None

Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172-17-205-25](tel:172-17-205-25)  
Mac Address: 0002.a400.0000

Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

Setup ANI based routing

**AddPac VTO Service**

VoIP Traffic Optimizer

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vtosales@addpac.com

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# Advanced : Port Control

Smart Web Manager  
www.addpac.com

System +  
Basic +  
Advanced -

- Port Control
- Mobile PINs
- Mobile USSD
- Fax
- Service
- Filtering
- Security
- Radius
- SNMP
- WEB Callback
- Mobile Callback
- Bluetooth

Miscellaneous +  
LCR +  
SMS +

## Port Control

Port Control

Port	Port Type	InputGain	OutputGain	Caller ID	CallIdType	DidType	DtmfInband	PlayRingNumber	MobileCallRxMode	PauseTime (0-3600)	description
P1:0	BLT	0	0	<input type="checkbox"/>			<input type="checkbox"/>	dial-tone		15	
P1:1	BLT	0	0	<input type="checkbox"/>			<input type="checkbox"/>	dial-tone		5	
P1:2	BLT	0	0	<input type="checkbox"/>			<input type="checkbox"/>	dial-tone		5	
P1:3	BLT	0	0	<input type="checkbox"/>			<input type="checkbox"/>	dial-tone		5	

Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(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.

AddPac VTO Service

VoIP Traffic Optimizer

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vtosales@addpac.com

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# Advanced : Service

Smart Web Manager  
www.addpac.com

System **+**

Basic **+**

Advanced **-**

- Port Control
- Mobile PINs
- Mobile USSD
- Fax
- Service
- Filtering
- Security
- Radius
- SNMP
- WEB Callback
- Mobile Callback
- Bluetooth

Miscellaneous **+**

LCR **+**

SMS **+**

## 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   
Secondary Server  Port  (default 514)  
Log Level 4-warning  
Log Command enable

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

Mobile Error Delay Disconnect  sec(disable 0, 0-600)

Mobile Inter Call Idle Interval  sec(disable 0, 0-600)

Transfer  Hook-Flash  Not-assigned

Hold  Hook-Flash  Not-assigned

SIP Transfer Mode  blind  Attended

Skype Server Use  Enable  Disable

Hunt Algorithm

CLIR Blocking

Clear POTS peer  selected count

Cons. Call Fails Threshold  (10~30 calls, disable=-1)

Auto SIM Block Cons. Short Call Threshold  (10~30 calls, disable=-1)  (2~10 sec)

Change Password ID: root New Password   
Confirm Password

### Information

AddPac Technology  
Model : LMS2500\_G2  
HW Version : 2.0  
SW Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

### Description

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

- VoIP Anti-Block
- VoIP Traffic Compression
- Plug&Play VTO Service
- Remote GSM Gateway Web Connect Service : No featureviewer
- VoIP Traffic Monitoring (Bandwidth, Packet loss, Delay, CDR, ASR/ACD)

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# Advanced : Filtering

The screenshot displays the 'Smart Web Manager' interface for configuring filters. The main content area is titled 'Filter' and contains three sections: 'FTP Filter', 'HTTP Filter', and 'Telnet Filter'. Each section has a table with columns for 'Network Addr', 'Network Mask', and 'Control'. Each table has an 'Add' button. The right sidebar contains an 'Information' panel with system details and a 'Description' panel with instructions for FTP, HTTP, and Telnet access.

**Smart Web Manager**  
www.addpac.com

**System** (+)  
**Basic** (+)  
**Advanced** (-)  
• Port Control  
• Mobile PINs  
• Mobile USSD  
• Fax  
• Service  
• **Filtering**  
• Security  
• Radius  
• SNMP  
• WEB Callback  
• Mobile Callback  
• Bluetooth

**Miscellaneous** (+)  
**LCR** (↑)  
**SMS** (+)

**Filter** (v)

**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 : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
Mac Address : 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

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

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# Advanced : Security

The screenshot displays the 'Smart Web Manager' interface for configuring security settings. The main content area is titled 'Security' and contains several sections:

- IP Filtering:** Includes radio buttons for 'Enable' and 'Disable' (selected), and an 'Allowed IP Address List' field with 'Apply' and 'Delete' buttons.
- WarDialing Filtering:** Includes radio buttons for 'Enable' and 'Disable' (selected).
- Allow Digit Length(IP to PSTN):** Includes 'Min' and 'Max' input fields.
- H323 Shutdown:** Includes radio buttons for 'Enable' and 'Disable' (selected).
- SIP Shutdown:** Includes radio buttons for 'Enable' and 'Disable' (selected).

A green checkmark and 'Apply' button are located at the bottom left of the configuration area. On the right side, there is an 'Information' panel with the following details:

- Information:**
  - AddPac Technology
  - Model : LMS2500\_G2
  - H/W Version : 2.0
  - S/W Version : 8.51.018
  - Smart Web Version : 0.4
  - Smart Web Build : Mar 21 2018
  - Voice Interface
    - None : None : None
  - Protocol : SIP
  - Status : Unregistered
  - Current Calls : 0
  - CallNetwork : Static
  - [172.17.205.25](tel:172.17.205.25)
  - Mac Address: 0002.a400.0000
  - Unread Message:
    - P1:0(0)
    - P1:1(0)
    - P1:2(0)
    - P1:3(0)
- Description:** AddPac VTO Service, VoIP Traffic Optimizer, sales@addpac.com, vtosales@addpac.com

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# Advanced : Radius

Smart Web Manager  
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**Radius Setup**

Use Radius Server  Yes  No

Server Setting	Server IP	<input type="text"/>
	Authentication Port	<input type="text"/> (1-65535)
	Accounting Port	<input type="text"/> (1-65535)
Authentication	User Name	<input type="text"/>
	Password	<input type="text"/>
	Radius Secret Key	<input type="text"/>
	Direction	None
Accounting	Telephony Type	<input checked="" type="radio"/> None <input type="radio"/> Start-Stop <input type="radio"/> Stop-Only
	VOIP Type	<input checked="" type="radio"/> None <input type="radio"/> Start-Stop <input type="radio"/> Stop-Only
Time Out	Retransmit	<input type="text"/> 3 (default 3, 0-100)
	Time Out	<input type="text"/> 5 Sec (default 5, 1-60)

Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

Description

Configure RADIUS Authentication

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# Advanced : SNMP

**Smart Web Manager**  
www.addpac.com

**System** +  
**Basic** +  
**Advanced** -

- Port Control
- Mobile PINs
- Mobile USSD
- Fax
- Service
- Filtering
- Security
- Radius
- SNMP**
- WEB Callback
- Mobile Callback
- Bluetooth

**Miscellaneous** +  
**LCR** +  
**SMS** +

### SNMP

Use SNMP  Yes  No

Server Port  (default 161, between 1 to 65535)

Name	Read	IP	Control
<input type="text"/>	<input checked="" type="radio"/> Read-Only <input type="radio"/> Read-Write	<input type="text"/>	Delete Add

Trap

Name	Version	IP	Port	Control
<input type="text"/>	<input checked="" type="radio"/> v1 <input type="radio"/> v2c	<input type="text"/>	<input type="text"/>	Delete Add

#### Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : : None : None

Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:1721720525)  
Mac Address : 0002.s400.0000

Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

#### Description

Enable or disable SNMP

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# Advanced : Web Call Back

**Smart Web Manager**  
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**Mobile WEB Callback**

**Calling Number Whitelist**

index	DialPattern	Control
0		Delete
		Add

**WEB Callback**

Destination Numbers	Source Numbers	Control
		Apply

**Information**

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

Execute Mobile call service function and Configure call service whitelist

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# Advanced : Bluetooth

# Miscellaneous : Mobile Summary

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System +  
Basic +  
Advanced +  
Miscellaneous -

- Mobile Summary
- System Status
- Mobile Status
- Mobile Port Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- [CDMA]Mobile BS Info
- SIM Diagnosis

LCR +  
SMS +

## Mobile Summary

Mobile Summary

Port	Mobile Status			Voice Quota			Statistics			Call Info			SMS Info				
	Carrier ID	Register	Signal Strength	SIM	no Carrier	Quota Remains (sec)	ASR (%)	ACD (sec)	Status	Totals	Successes	Con. Short Dur	Con. Status	Tx Success	Tx Total	Rx Total	
P1:0	Connected	N.A.	N.A.	0	-1	-1	50%	8	Idle	2	1	0	0	idle	0	0	0
P1:1	Disconnected	N.A.	N.A.	0	-1	-1	0%	0	Idle	0	0	0	0	idle	0	0	0
P1:2	Disconnected	N.A.	N.A.	0	-1	-1	0%	0	Idle	0	0	0	0	idle	0	0	0
P1:3	Disconnected	N.A.	N.A.	0	-1	-1	0%	0	Idle	0	0	0	0	idle	0	0	0

Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

Description

Mobile summary

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# Miscellaneous : System Status

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System Status

Basic

Advanced

Miscellaneous

- Mobile Summary
- System Status
- Mobile Status
- Mobile Port
- Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- [CDMA]Mobile BS Info
- SIM Diagnosis

LCR

SMS

Voice Port

Port	LineType	Status	InGain	OutGain	TieType	TieDigits	CallNum	TeCalled	TeCalling
1/ 0	BLT	Idle	0	0	none		-1	-1	-1
1/ 1	BLT	Idle	0	0	none		-1	-1	-1
1/ 2	BLT	Idle	0	0	none		-1	-1	-1
1/ 3	BLT	Idle	0	0	none		-1	-1	-1

SIP-UA

Proxyserver Registration Information  
 proxyserver registration option = e164  
 Proxyserver list :  
 No Proxyserver Information.

SIP UA Timer counters  
 retry counter = 10

SIP UA Timer values  
 retry (sip retry timer) = 500 msec.  
 interval (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.  
 ttripping (sip ping timer) = 48 sec.  
 tarv (sip srv retry timer) = 60 sec.

SIP UA Session Timer value  
 Min-SE = 1800 sec.  
 Session-Expires = 1800 sec.

SIP DNS SRV Query : Disable  
 SIP Called-Party-Number : from URL  
 SIP Call Transfer Mode : Basic  
 SIP Media Channel Start Mode : Default  
 SIP Routing Method of Incoming Call : 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  
 SIP Local Host Name : No  
 SIP Conference Server Info  
 Name (ID) = NULL  
 Related Voip Tag = -1

SIP NAT Info  
 PING = Disabled  
 Required = NULL

SIP Session Refresh Method = INVITE  
 SIP Keep Authentication information on registration = Yes  
 SIP Message Parameter Translation TRUE  
 SIP Force-Forwarding Info  
 SIP Hook-Flash Event(INFO) Ignore = FALSE  
 SIP Time Sync With REGISTER Msg = FALSE

Info

AddF

Mode

H/W

S/W

Smar

Smar

Voice

Nc

Protc

Statu

Curre

CallN

172.

Mac

Unre

P1:

P1:

P1:

P1:

Des

Verif

infor

statu

# Miscellaneous : Mobile Status

Smart Web Manager  
www.addpac.com

System +  
Basic +  
Advanced +  
Miscellaneous -

- Mobile Summary
- System Status
- **Mobile Status**
- Mobile Port Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- [CDMA]Mobile BS Info
- SIM Diagnosis

LCR +  
SMS +

## Mobile Status

Mobile Port Status & Information

Port	Tariff Group	My Phone Number	Device Information			Accounting (Used/Quota/Free)			Control
			Register Status	Signal Strength	SIM Status	No Carrier(#)	Voice Quota (secs)	SMS Quota(E.A.)	
P1:0	N.A.		Connected	N.A.	N.A.	0	120 /-1 /-1	0 /-1 /-1	reboot
P1:1	0		Disconnected	N.A.	N.A.	0	0 /-1 /-1	0 /-1 /-1	reboot
P1:2	0		Disconnected	N.A.	N.A.	0	0 /-1 /-1	0 /-1 /-1	reboot
P1:3	0		Disconnected	N.A.	N.A.	0	0 /-1 /-1	0 /-1 /-1	reboot

Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2016  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

Description

Diaplay Mobile wireless status

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# Miscellaneous : Mobile Port Status

Smart Web Manager  
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System +  
Basic +  
Advanced +  
Miscellaneous -

- Mobile Summary
- System Status
- Mobile Status
- Mobile Port Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- [CDMA]Mobile BS Info
- SIM Diagnosis

LCR +  
SMS +

## Mobile Port Statistics

Total Mobile Port Statistics

Total	Total Call Count				Total ASR	Total ACD	ALL Clear	SMS			
	VOIP	FX	SFX	E1 Success				TX Success	TX Total	RX Total	All Clear
Mobile	2	0	0	1	50%	8	<input type="button" value="Clear"/>	0	0	0	<input type="button" value="Clear"/>

Mobile Call Statistics

Port	Mobile Sim Number	Call Count				ASR	ACD	Consecutive Fails	Consecutive Short Dur	ALL Clear		SMS	
		VOIP	FX	SFX	E1 Success					Statistics	Consecutive Fails	TX Success	TX Total
P1:0	2	0	0	1	50%	8	0	0	<input type="button" value="Clear"/>	<input type="button" value="Clear"/>	0	0	<input type="button" value="Clear"/>
P1:1	0	0	0	0	0%	0	0	0	<input type="button" value="Clear"/>	<input type="button" value="Clear"/>	0	0	<input type="button" value="Clear"/>
P1:2	0	0	0	0	0%	0	0	0	<input type="button" value="Clear"/>	<input type="button" value="Clear"/>	0	0	<input type="button" value="Clear"/>
P1:3	0	0	0	0	0%	0	0	0	<input type="button" value="Clear"/>	<input type="button" value="Clear"/>	0	0	<input type="button" value="Clear"/>

Information

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018  
Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

Description

Display Mobile wireless status

AddPac VTO Service

VoIP Traffic Optimizer

sales@addpac.com  
vtosales@addpac.com

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# Miscellaneous : Call Log

Smart Web Manager  
www.addpac.com

- System +
- Basic +
- Advanced +
- Miscellaneous -
- Mobile Summary
- System Status
- Mobile Status
- Mobile Port Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- [CDMA]Mobile BS Info
- SIM Diagnosis

- LCR +
- SMS +

## Call Log

\* Call Log

Index	Port #	Call Type	Established Time	Duration (Sec)	Caller	Callee	Codec	IP Address
0	N.A	VoIP In	04/17 11:47:55	0	2005	01091543681	g723-63	<a href="#">172.17.205.2</a>
1	1/0	VoIP In	04/17 11:26:47	0	2005	01091543681	711u	<a href="#">172.17.205.2</a>
2	1/0	VoIP In	04/17 11:25:45	8	2005	01091543681	711u	<a href="#">172.17.205.2</a>
3	1/0	VoIP In	04/17 11:24:22	16	2005	025683848	711u	<a href="#">172.17.205.2</a>
4	0/0	Local	04/05 17:18:58	0	1000	025683848	711a	N.A
5	0/0	Local	04/03 02:11:52	0	1000	025683848	711a	N.A
6	0/0	Local	04/03 00:15:17	0	1000	025683848	711a	N.A
7	0/0	Local	04/02 23:00:46	0	1000	025683848	711a	N.A
8	0/0	Local	04/02 19:52:10	0	1000	025683848	711a	N.A
9	1/0	Local	03/23 16:07:44	0	N.A	N.A	711a	N.A
10	1/0	Local	03/23 12:08:10	0	N.A	N.A	711a	N.A
11	1/0	Local	03/22 15:13:19	0	N.A	N.A	711a	N.A
12	0/0	Local	03/22 11:32:13	0	1000	025683848	711a	N.A
13	0/0	Local	03/22 11:31:54	0	1000	025683848	711a	N.A
14	0/0	Local	03/22 11:31:42	0	1000	025683848	711a	N.A
15	0/0	Local	03/22 11:31:38	0	1000	025683848	711a	N.A
16	0/0	Local	03/22 11:27:40	0	1000	025683848	711a	N.A
17	0/0	Local	03/22 11:27:24	0	1000	025683848	711a	N.A
18	0/0	Local	03/22 11:27:04	0	1000	025683848	711a	N.A
19	0/0	Local	03/22 11:26:51	0	1000	025683848	711a	N.A
20	0/0	Local	03/22 11:19:50	2	1000	025683848	711a	N.A
21	0/0	Local	03/22 11:19:25	0	1000	025683848	711a	N.A
22	0/0	Local	03/22 11:18:33	0	1000	025683848	711a	N.A
23	0/0	Local	03/22 11:18:15	0	1000	025683848	711a	N.A
24	0/0	Local	03/22 11:18:14	0	1000	025683848	711a	N.A
25	0/0	Local	03/22 11:17:58	1	1000	025683848	711a	N.A
26	0/0	Local	03/22 11:17:41	0	1000	025683848	711a	N.A
27	0/0	Local	03/22 11:17:33	4	1000	025683848	711a	N.A
28	0/0	Local	03/22 11:17:16	0	1000	025683848	711a	N.A
29	0/0	Local	03/22 11:16:55	7	1000	025683848	711a	N.A
30	0/0	Local	03/22 11:16:18	5	1000	025683848	711a	N.A

Information

AddPac Technology  
 Model : LMS2500\_G2  
 H/W Version : 2.0  
 S/W Version : 8.51.018  
 Smart Web Version : 0.4  
 Smart Web Build : Mar 21 2018  
 Voice Interface  
   None : None : None  
 Protocol : SIP  
 Status : Unregistered  
 Current Calls : 0  
 CallNetwork : Static  
[172.17.205.25](#)  
 Mac Address: 0002.a400.0000  
 Unread Message:  
   P1:0(0)  
   P1:1(0)  
   P1:2(0)  
   P1:3(0)

Description

Retrieve the call log

[sales@addpac.com](mailto:sales@addpac.com)  
[vtosales@addpac.com](mailto:vtosales@addpac.com)

# Miscellaneous : System Log

The screenshot displays the Smart Web Manager interface with the System Log section active. The left sidebar contains navigation menus for System, Basic, Advanced, Miscellaneous, LCR, and SMS. The main area shows a list of system log entries with columns for time, user, and command. The right sidebar provides system information and a description of the log function.

**Smart Web Manager**  
www.addpac.com

**System Log**

command logging buffers (messages logged)

Time	User	Command
Apr 17 19:43:39	vtty	Console, sho er
Apr 17 19:43:39	vtty	Console, show ip int b
Apr 17 19:42:55	vtty	Console, sho i pint b
Apr 17 19:42:53	vtty	Console, en
Apr 17 19:42:52	vtty	Console, show ip int b
Apr 17 12:38:26	vtty	Console, wr
Apr 17 12:38:25	vtty	Console, end
Apr 17 12:38:24	vtty	Console, http ser
Apr 17 12:38:23	vtty	Console, conf t
Apr 17 12:38:10	vtty	Console, show ip int b
Apr 17 12:38:09	vtty	Console, en
Apr 17 11:52:35	vtty	Console, show ip int b
Apr 17 11:52:33	vtty	Console, wr
Apr 17 11:52:33	vtty	Console, end
Apr 17 11:50:25	vtty	Console, wr
Apr 17 11:50:24	vtty	Console, end
Apr 17 11:50:24	vtty	Console, fsp ser
Apr 17 11:50:22	vtty	Console, conf t
Apr 17 11:50:22	vtty	Console, cofn
Apr 17 11:50:18	vtty	Console, show ip int b
Apr 17 11:50:15	vtty	Console, sho ver
Apr 17 11:50:14	vtty	Console, en
Apr 17 11:21:12	vtty	Console, end
Apr 17 11:21:10	vtty	Console, sho ver
Apr 17 11:20:51	vtty	Console, show run
Apr 17 11:20:46	vtty	Console, conf t
Apr 17 11:20:42	vtty	Console, show dial-pe voice s
Apr 17 11:20:37	vtty	Console, show mobile module status
Apr 17 11:18:58	vtty	Console, wr
Apr 17 11:18:57	vtty	Console, end
Apr 17 11:18:57	vtty	Console, wr
Apr 17 11:18:55	vtty	Console, emd
Apr 17 11:18:54	vtty	Console, wr
Apr 17 11:18:54	vtty	Console, ip route 0 0 172.17.1.1
Apr 17 11:18:50	vtty	Console, wr
Apr 17 11:18:49	vtty	Console, ip add 172.17.205.25/16
Apr 17 11:18:45	vtty	Console, interface FastEthernet 0/0
Apr 17 11:18:42	vtty	Console, conf t
Apr 17 11:18:40	vtty	Console, en
Apr 13 16:19:14	vtty	172.16.1.8, q
Apr 13 16:19:01	vtty	172.16.1.8, show version
Apr 13 16:18:58	vtty	172.16.1.8, en
Mar 22 11:32:10	vtty	Console, debug rta ipc
Mar 22 11:32:06	vtty	Console, debug rtr ipc
Mar 22 11:32:03	vtty	Console, debug voip call
Mar 22 11:31:48	vtty	Console, ena
Mar 22 11:29:41	vtty	Console, reboot
Mar 22 11:26:55	vtty	Console, debug voip call
Mar 22 11:26:07	vtty	Console, ena
Mar 22 11:24:22	vtty	Console, reboot
Mar 22 11:20:23	vtty	Console, wr
Mar 22 11:17:22	vtty	Console, debug voip call
Mar 22 11:15:59	vtty	Console, show run
Mar 22 11:15:49	vtty	Console, show dial-peer voice s

**Information**

AddPac Technology  
Model : LMS2500\_G2  
H/W Version : 2.0  
S/W Version : 8.51.018  
Smart Web Version : 0.4  
Smart Web Build : Mar 21 2018

Voice Interface  
None : None : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static  
[172.17.205.25](#)  
Mac Address: 0002.a400.0000  
Unread Message:  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)

**Description**

Retrieve the system log

**AddPac VTO Service**

VoIP Traffic Optimizer

sales@addpac.com  
vtosales@addpac.com



# Miscellaneous : Ping

The screenshot displays the Smart Web Manager interface for a device. The browser address bar shows the URL `172.17.205.25/index.html?page=viewMiscPing`. The main content area is titled "Ping" and features a "Host address" input field containing `8.8.8.8` and a "Stop" button. Below the input field, the following ping results are displayed:

```
PING 8.8.8.8 (8.8.8.8): 56 data bytes
64 bytes from 8.8.8.8: icmp_seq=0 ttl=40 time=0 ms
64 bytes from 8.8.8.8: icmp_seq=1 ttl=40 time=0 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=40 time=0 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=40 time=0 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=40 time=0 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 0/0/0 ms
```

The right-hand side of the interface contains an "Information" panel with the following details:

- AddPac Technology
- Model : LMS2500\_G2
- HW Version : 2.0
- SW Version : 8.51.018
- Smart Web Version : 0.4
- Smart Web Build : Mar 21 2018
- Voice Interface: None :: None : None
- Protocol : SIP
- Status : Unregistered
- Current Calls : 0
- CallNetwork : Static
- [172.17.205.25](http://172.17.205.25)
- Mac Address : 0002.a400.0000
- Unread Message:
- P1:0(0)
- P1:1(0)
- P1:2(0)
- P1:3(0)

Below the information panel is a "Description" section with the text: "Verify the outgoing Ping to the outside from the device by entering IP address and URL. Verify network status of the location in where the terminal is located."

At the bottom right, there is an advertisement for "AddPac VTO Service" (VoIP Traffic Optimizer) with contact information: `sales@addpac.com` and `vtosales@addpac.com`.

The footer of the page reads: ©AddPac Technology. all rights reserved.

# LCR : Black & White List

The screenshot displays the 'Smart Web Manager' interface for configuring Mobile LCR / Black List & White List. The interface is divided into several sections:

- Left Sidebar:** Contains navigation tabs for System, Basic, Advanced, Miscellaneous, LCR (selected), and SMS. Under the LCR tab, there are sub-items: Black & White List, Time Interval, Tariff Policy, and LCR Test.
- Main Content Area:** Titled 'Mobile LCR / Black List & White List', it contains three configuration sections:
  - BlackList:** A table with columns 'Index', 'DialPattern', and 'Control'. It includes a dropdown menu for 'Index' (set to 0) and an 'Add' button.
  - WhiteList:** A table with columns 'Index', 'DialPattern', and 'Control'. It includes a dropdown menu for 'Index' (set to 0) and an 'Add' button.
  - Source WhiteList:** A table with columns 'Index', 'DialPattern', and 'Control'. It includes a dropdown menu for 'Index' (set to 0) and an 'Add' button.
- Right Sidebar:** Contains two sections:
  - Information:** Displays system details such as AddPac Technology, Model (LMS2500\_G2), H/W Version (2.0), S/W Version (8.51.018), Smart Web Version (0.4), Smart Web Build (Mar 21 2018), Voice Interface (None), Protocol (SIP), Status (Unregistered), Current Calls (0), CallNetwork (Static), Mac Address (0002.a400.0000), and Unread Message counts (P1:0(0), P1:1(0), P1:2(0), P1:3(0)).
  - Description:** Contains the text 'Configure black & white list' and an advertisement for 'AddPac VTO Service' (VoIP Traffic Optimizer) with contact information: sales@addpac.com and vtosales@addpac.com.

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# LCR : Time Interval

The screenshot displays the 'Smart Web Manager' interface for configuring 'Mobile LCR / Time Interval'. The left sidebar contains navigation menus for System, Basic, Advanced, Miscellaneous, LCR (with sub-items: Black & White List, Time Interval, Tariff Policy, LCR Test), and SMS. The main content area features a table for 'TimeInterval' with columns for Identifier, Days, StartTime(hh:mm), EndTime(hh:mm), and Control. A single row is visible with values: Identifier: 0, Days: Weekend, StartTime: 0:0, EndTime: 0:0, and Control: Add. The right sidebar includes an 'Information' section with system details (AddPac Technology, Model: LMS2500\_G2, H/W Version: 2.0, S/W Version: 8.51.018, Smart Web Version: 0.4, Smart Web Build: Mar 21 2018) and a 'Voice Interface' section (Protocol: SIP, Status: Unregistered, Current Calls: 0, CallNetwork: Static, Mac Address: 0002.a400.0000). Below this is a 'Description' section with the text 'Configure time interval group' and an advertisement for 'AddPac VTO Service' (VoIP Traffic Optimizer) with contact information: sales@addpac.com and vtosales@addpac.com.

Identifier	Days	StartTime(hh:mm)	EndTime(hh:mm)	Control
0	Weekend	0:0	0:0	Add

# LCR : Tariff Policy

Smart Web Manager  
www.addpac.com

System +  
Basic +  
Advanced +  
Miscellaneous +  
LCR -  
• Black & White List  
• Time Interval  
• Tariff Policy  
• LCR Test  
SMS +

## Mobile LCR / Tariff Policy

Tariff Policy

Restore Policy    Billing Unit(voice)    Free Quota

ID	Time Interval	Block Condition	Type	RestoreDay	First(sec)	Others(sec)	Voice(min/count)	SMS(E.A.)	Control
0	n.a.	quota based	none	0					Delete

Over Voice Quota    PhoneNumber:   
 Subject:   
 SMS Notify    Over SMS Quota    PhoneNumber:   
 Subject:

Apply

TariffPort & Usage

Port	Tariff Policy	Usage		Reset
		Voice(sec/count : %)	SMS(count : %)	All
P1:0	0	120/n.a (0%)	0/n.a (0%)	<input type="checkbox"/>
P1:1	0	0/n.a (0%)	0/n.a (0%)	<input type="checkbox"/>
P1:2	0	0/n.a (0%)	0/n.a (0%)	<input type="checkbox"/>
P1:3	0	0/n.a (0%)	0/n.a (0%)	<input type="checkbox"/>

Reset

Apply

Information

AddPac Technology  
 Model : LMS2500\_G2  
 H/W Version : 2.0  
 S/W Version : 8.51.018  
 Smart Web Version : 0.4  
 Smart Web Build : Mar 21 2018  
 Voice Interface  
 None : None : None  
 Protocol : SIP  
 Status : Unregistered  
 Current Calls : 0  
 CallNetwork : Static  
[172.17.205.25](tel:172.17.205.25)  
 Mac Address: 0002.a400.0000  
 Unread Message:  
 P1:0(0)  
 P1:1(0)  
 P1:2(0)  
 P1:3(0)

Description

Configure tariff group

AddPac VTO Service

VoIP Traffic Optimizer

sales@addpac.com  
 vtosales@addpac.com

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# LCR : LCR Test

The screenshot displays the 'Smart Web Manager' interface for an LCR Test. The main content area is titled 'LCR Test' and contains two input fields: 'Caller:' and 'Called Number:', each followed by an empty text box. A 'Start' button is positioned to the right of the 'Called Number' field. The left sidebar features a navigation menu with categories: System, Basic, Advanced, Miscellaneous, LCR (expanded to show 'Black & White List', 'Time Interval', 'Tariff Policy', and 'LCR Test'), and SMS. The right sidebar contains an 'Information' panel with system details (AddPac Technology, Model: LMS2500\_G2, H/W Version: 2.0, S/W Version: 8.51.018, Smart Web Version: 0.4, Smart Web Build: Mar 21 2018) and a 'Voice Interface' section (None: None: None, Protocol: SIP, Status: Unregistered, Current Calls: 0, CallNetwork: Static, 172.17.205.25, Mac Address: 0002.a400.0000, Unread Message: P1:0(0), P1:1(0), P1:2(0), P1:3(0)). Below this is a 'Description' panel for 'LCR Test' and an advertisement for 'AddPac VTO Service' (VoIP Traffic Optimizer) with contact information: sales@addpac.com and vtosales@addpac.com. The footer of the interface reads '©AddPac Technology. all rights reserved.'

# LMS VoIP Gateway Series

# Thank you!

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Sales and Marketing

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