

# Smart Web Manager for GSM Gateway Series

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

**System Information**

|                        |                             |
|------------------------|-----------------------------|
| HW 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     |
| System Running Time    | 0 days 01:49:57             |
| Total Calls            | 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 : Registered  
Current Calls : 0 Call  
Network : Static 172.16.9.16  
Mac Address : 0002.a400.0000  
Unread Message:  
P0:0(0)  
P0:1(0)

**Description**

**AddPac**

**AddPac Technology**

2010, Sales and Marketing

# Contents

- Main Page Layout
- System Configuration
  - Network Setup, Language, NAT, PPTP, NTP
- Basic Configuration
  - Protocol, SIP Server , FXS Extension, GSM Extension
  - DTMF/CODEC, VoIP Dial Plan, GSM Dial Plan, Static Routing, Hot Line
- Advanced Configuration
  - Gain/CID, GSM PINs, FAX, Service, Filtering, Security
  - GSM Web Callback, GSM Callback
- Miscellaneous Configuration
  - Call Status, System Status, Alarm Status, GSM Status
  - Call Log, System Log, Ping, BTS Selection, GSM BTS Info
- LCR(Least Cost Routing)
  - Black & White List, Time Interval, Tariff Group, LCR Test
- SMS
  - Inbox, SMS New Message

# Main Page Layout

**Main Menu**  
For easy system setup, provide the various menu and category

**Tool Bar**  
Provide frequently used tools like as System Update, Configuration Backup, Initialization, Restart, Telnet

**Information**  
Display the current system version and status summary

**Description**  
Display the help message if you move mouse over main menu

**Workspace**  
Workspace for detailed action

**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   |                             |
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| System Startup Time    | Fri Jan 1 00:00:00 2010     |
|                        | 0 days 01:49:57             |
|                        | 0                           |

**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

**Information**

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Unread Message:  
P0:0(0)  
P0:1(0)

**Description**

# System – Network Setup

**Host Name**  
Create a representative name for the site to be installed

**Static IP**  
This is static IP mode. Specify the addressed IP from the service provider

**PPPoE**  
This is ADSL mode. This mode is used for addressing IP though authentication from the modem.  
At this time, the modem must be configured in a way that the device can be authenticated.

**DHCP**  
This is dynamic IP mode which is set at default. The IP can be addressed from the external DHCP server.

**VLAN**  
Configure VLAN mode and ID.

**WAN Link**  
Controls and recognizes WAN port  
Specify the connection speed of WAN port connection automatically.

**MAC**  
Change MAC address of WAN interface. Without address entry, use the basic MAC Address.

**Smart Web Manager**

## Network Setup

Hostname: GS1002

Static IP

IP Address: 172.16.9.16 A.B.C.D  
Network Mask: 255.255.0.0 A.B.C.D  
Default Router: 172.16.1.1 A.B.C.D  
DNS Server: Primary DNS Server  
Secondary DNS Server

PPPoE(ADSL)

Username:   
Password:

DHCP

VLAN ID: 0

Auto

Speed:  100  10  
Duplex:  full  half

WAN Link Control:  Manual

MAC(Hardware) Address: [ ][ ][ ][ ][ ][ ]

Apply

**Information**

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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**

This command sets up WAN port. The static IP address is to be assigned to the WAN port. The static 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

**UnRead SMS Messages**



# System - Language

**Smart Web Manager**  
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**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 PIN

### Configure Language

한국어

English

Apply

**Information**

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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.

**Configure Language**  
English, Korea

# System - NAT

**Smart Web Manager**  
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**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**

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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**

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

**NAT Static Table**  
When many PCs are connected to LAN, create a table for delivering TCP/UDP port to PC

# System - PPTP

The screenshot shows the 'Smart Web Manager' interface for configuring PPTP. The main content area is titled 'Tunneling' and contains three sections: 'Mode', 'Source & Destination', and 'Service'. The 'Mode' section has radio buttons for 'None (Disable Tunneling, default)', 'PPTP (Point-to-Point Tunneling Protocol)', and 'Authentication' options. The 'Source & Destination' section has a dropdown for 'Source' (FastEthernet0/0) and a text input for 'Destination' (A.B.C.D). The 'Service' section has radio buttons for 'Voice and Data Use Tunnel Interface (default)', 'Voice Use Tunnel Interface, Data Use Ethernet Interface', and 'Data Use Tunnel Interface, Voice Use Ethernet Interface'. Three yellow callout boxes are present: 'Tunneling Mode' points to the Mode section, 'Tunneling source & destination' points to the Source and Destination fields, and 'Tunneling Service' points to the Service section. The right sidebar contains 'Information' and 'Description' panels.

**Tunneling Mode**  
Configure Tunneling mode

**Tunneling source & destination**  
Source LAN port & destination IP

**Tunneling Service**  
Service mode

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**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**:  A.B.C.D (Tunnel End Point Address)

**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  
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**

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

# System - NTP

**Smart Web Manager**  
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**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)

**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**

**NTP**  
Configure NTP server (s) & Options

# Basic - Protocol

Smart Web Manager  
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**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

**Configure VoIP signaling protocol SIP , H.323 (optional)**

**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 of the protocol to be used for VoIP communication

# Basic – SIP Server

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**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)

Apply

**SIP Server**  
Primary & Secondary server,  
Local domain name,  
SIP Signaling Port (reboot necessary)  
Timer  
\* register expire  
\* session refresh  
\* session expire

**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 SIP.  
Contact your service provider  
for the settings



# Basic – FXS Extension

**Smart Web Manager**  
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**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)

**Port Information**  
voice port type & physical port

**FXS Extension**  
Configure phone-number for using inter-office Preference ( 0 : highest )



# Basic – GSM Extension

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

- Network Setup
- Language
- NAT
- PPTP

**Port Information**  
voice port type & physical port

| Port  | P0  | P1  | P2  | P3  |
|-------|-----|-----|-----|-----|
| SLOT0 | GSM | GSM | FXS | FXS |

**GSM Extension Configuration**  
Configure GSM phone-number for receiving a call (usually 'T' is used for each port)

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

**GSM Extension with Translation**  
Used to GSM callback

| 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  
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 GSM port to extension number (forwarding No)

**GSM Extension with Translation**  
Used to GSM callback

- The Received CID is not real serving number.
- The specified translation rule is applied.

# Basic – DTMF/CODEC

**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

**CODEC**  
Configure voice codec preference  
(g711a, g711u, g729, g7231, g726)

**DTMF**  
Configure DTMF relay method  
(in-band, RFC2833, out-of-band, CISCO type out-of-band)

**Information**

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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

# Basic – VoIP Dial Plan

**VoIP PLAN**  
Configure translation rule for VOIP Peer.  
- first, 'Number of Digits to Delete' option is applied.  
- second, 'Digits to Insert' option is applied.

(ex) Origin called Number = 123456  
Number of Digits to Delete = 2  
Digits to Insert = "88"  
-----  
result = 883456

The screenshot shows the 'Smart Web Manager' interface with the 'VoIP Dial Plan / Prefix' configuration page. The page is divided into several sections:

- System:** Network Setup, Language, NAT, PPTP, NTP.
- VoIP Dial Plan / Prefix:**
  - Plan Table:** A table with columns: Index, Digits to Insert, Number of Digits to Delete, Digit Pattern, Control. It contains one row with Index 0, Digits to Insert 2, Number of Digits to Delete 0, Digit Pattern T, and Control checkbox. Below the table are input fields for Index (0), Digits to Insert, Number of Digits to Delete, Digit Pattern, and an 'Add' button.
  - Prefix Table:** A table with columns: Index, Prefix, PlanIndex, Control. It contains one row with Index 0, Prefix T, PlanIndex 2, and Control checkbox. Below the table are input fields for Index (0), Prefix, PlanIndex (N.A.), and an 'Apply' button.
- 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.

**Prefix Table**  
Configure VoIP Peer with translation rule.  
( Serviced by SIP SERVER)

# Basic – GSM Dial Plan

**Smart Web Manager**  
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**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**

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Mac Address: 0002.a400.0000  
Unread Message:  
P0:0(0)  
P0:1(0)

**Description**

Hot Line Setup

**System**

- Network Setup
- Language
- NAT
- PPTP
- NTP

**VoIP PLAN**  
Configure translation rule for GSM Peer.  
- first, 'Number of Digits to Delete' option is applied.  
- second, 'Digits to Insert' option is applied.  
  
(ex) Origin called Number = 123456  
Number of Digits to Delete = 2  
Digits to Insert = "88"  
-----  
result = 883456

**Prefix Table**  
Configure GSM Peer with translation rule.

**Miscellaneous**

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

# Basic – Static Route

**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

### 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"/> |

**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**

**Static Route**  
Configure Static VoIP Peer for using Inter-Office .  
( Already, I know IP & phone-number)

# Basic – Hot Line

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**Hot Line**

**Hot Line Configuration**

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

Apply

**Hot Line**  
- Used as baby-call(Connection PLAR)  
- Timer ( FXS port only : No Digit event is occurred for configured timer value, Auto-Dialing will be started )

**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**



# Advanced – Gain & CID

**Smart Web Manager**  
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**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 RTS 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  
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**

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**  
Configure Input-gain, output-gain and caller-ID.



# Advanced – GSM PINs

**Smart Web Manager**  
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**GSM PINs**

PINs ⓘ

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

**GSM PIN**  
Configure 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

# Advanced - Fax

**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

**FAX**  
Configure fax mode & rate (VoIP Lines)

**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**

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

# Advanced - Service

**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**

**Applicaton Services**

- 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**

- Configure application service(Telnet, HTTP, ftp, syslog)
- Configure IDT(Inter Digit Time)
- Configure Call-Transfer-Mode & Hook-Flash-Usage-Type.
- Configure Call-Transfer-Mode.

# Advanced - Filtering

**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

**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**  
Configure application service filter with IP & Subnet mask.

# Advanced - Security

**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 : Allowing only the inbound call which is registered to Call-Routing of the server by static IP.
- WarDialing : Allowing only the inbound call with the number registered to Inter-Office and phone-number.
- Digit Length : Allowing only the inbound call with the number registered to Inter-Office and phone-number
- SIP : SIP signaling packets are filtered.

# Advanced – GSM Web Callback

**Smart Web Manager**  
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**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**  
The employee working at the out of office are usually registered.

**WEB Callback**  
The employee working at the out of office can use web call agent.

**Status Viewer**  
Display real-time call status.

**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**

Execute GSM call service function and Configure call service whitelist

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

0 [ ] [ Delete ]  
[ 0 ] [ ] [ Add ]

| Destination Numbers | Source Numbers | Control   |
|---------------------|----------------|-----------|
| 8888                | 9999           | [ Apply ] |

Call Fail

# Advanced – GSM Callback

**GSM Callback**  
 The employee working at the out of office can use this function.

- The Call received from GSM network is automatically disconnected.
- GSM gateway calls to the calling number.

**Calling Number White List**  
 The employee working at the out of office are usually registered.

**Callback**  
 The white list group is adapted to specific GSM port

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**GSM Callback**

**Calling Number Whitelist**

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

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

**Callback**

| GSM Port | My Number | WhiteList Group |
|----------|-----------|-----------------|
| P0:0     |           | 3 [v]           |
| P0:1     |           | N.A. [v]        |

[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



# Miscellaneous – Call Status

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

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

**Miscellaneous**

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

**Call Status**

**Port Status (Analog)**

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

**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**  
Real-time display about analog port status (occupation, call status). Provide a specific port blocking function

**Active Call Status**  
Real-time display about current active call status (calling party addr, called party addr. Codec, etc)

# Miscellaneous – System Status

**System Status**  
 - voice port status & information  
 - SIP-UA status & information  
 - gateway status & information  
 - system utilization information

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**System Status**

**System**

- Network Setup
- Language
- NAT
- PPTP
- NTP

**Advanced**

- VoIP Dial Plan
- GSM Dial Plan
- Static Route
- Hot Line
- 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

**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

**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

# Miscellaneous – Alarm Status

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**Alarm Status**

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

Clear

**Alarm Status**

- Interface Down count
- H323 register fail counter
- SIP register fail counter

**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 : 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

# Miscellaneous – GSM Status

**Smart Web Manager**  
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**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**

Diaplay GSM wireless status

**GSM Status**

- my number
- GSM register status
- GSM signal strength
- Account information
  - \* voice quota ( used / quota / free )
  - \* SMS quota ( used / quota / free )

# Miscellaneous – Call Log

Smart Web Manager  
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**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**  
Show call history information

- \* call number
- \* event time
- \* description
- \* calling number
- \* called number
- \* remote IP information
- \* call setup time
- \* call duration
- \* call clear reason

# Miscellaneous – System Log

**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

**System Log**

command logging buffers (messages logged)  
-----  
event logging buffers (messages logged)  
-----

**System Log**  
- command log  
- system alarm log ( ex : interface down)

**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

# Miscellaneous - Ping

**Smart Web Manager**  
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**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  
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 physical failure of LAN, H.323 / SIP Register Fail by increasing counter

**PING**  
You can diagnose network status by PING.

**PING**  
Show real time ping status.



# Miscellaneous – BTS Selection

**Smart Web Manager**  
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**GSM / BTS Control**

| Port | BTS Selection Mode | BCCH | RSSI & Timer |
|------|--------------------|------|--------------|
| P0:0 | Auto               | 72EA | -25B -1(sec) |
| P0:1 | Auto               | 72EA | -25B -1(sec) |

P0:0 Auto BCCH RSSI & Timer  
-10 dB 0 sec  
Apply

**BTS control**  
Configure BTS selection option  
\* Auto mode  
\* forced BCCH  
\* forced RSSI level

**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 BTS selection mode

# Miscellaneous – GSM BTS Info

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

## GSM BCCH Cell Information

PORT 0:0

PORT 0:1

**BCCH Cell Information**  
Shows serving cell information ( center circle) and neighboring cell information.  
 \* LAC : Location Area Code  
 \* CI : Cell ID  
 \* BSIC : Basic Station ID Code  
 \* BCCH : Broadcast Control Channel  
 \* RSSI : Receiver Signal Strength

**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)  
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 P0:0(0)  
 P0:1(0)

**Description**

Verify GSM wireless signal status

# LCR – Black & White List

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

**GSM LCR / Black List & White List**

**BlackList**

| Index | DialPattern          | Control                  |
|-------|----------------------|--------------------------|
| 0     | 888T                 | <input type="checkbox"/> |
|       |                      | Delete                   |
| 0     | <input type="text"/> | Add                      |

**WhiteList**

| Index | DialPattern          | Control                  |
|-------|----------------------|--------------------------|
| 0     | 2...                 | <input type="checkbox"/> |
|       |                      | Delete                   |
| 0     | <input type="text"/> | Apply                    |

**Information**

AddPac Technology  
Model : GS1002\_G2  
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Unread Message:  
P0:0(0)  
P0:1(0)

**Description**

Configure black & white list

**LCR Black & White List**  
Black List : The patterns are disallowed GSM outbound call.  
White List : The patterns are allowed GSM outbound call.

# LCR – Time Interval

The screenshot displays the 'Smart Web Manager' interface for configuring a 'GSM LCR / Time Interval Group'. The main content area features a table with the following data:

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

Below the table, there are input fields for adding a new entry: a dropdown for '0', a dropdown for 'weekend', two dropdowns for '0' and '0', two dropdowns for '0' and '0', and an 'Add' button. A 'Delete' button is also present next to the table row.

A yellow callout box points to the table with the text: **Time Interval**  
GSM outbound call is restricted by Time Interval

The interface includes a left sidebar with navigation menus for System, Basic, Advanced, and Miscellaneous. The right sidebar contains 'Information' and 'Description' sections.

**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 time interval group

# LCR – Tariff Group

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

**GSM LCR / Tariff Group**

**Tariff Group**

| 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           |                   |           |            |     | Delete<br>Add            |

**TariffPort**

| Port | TariffGroup |
|------|-------------|
| P0:0 | 0           |
| P0:1 | N.A.        |
| P0:2 | N.A.        |
| P0:3 | N.A.        |

**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  
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Mac Address : 0002.a400.0000  
Unread Message:  
P0:0(0)  
P0:1(0)

**Description**

Configure tariff group

**Time Interval Group**  
Time interval Group is adapted to this tariff group.

**Restore call limit**  
Quota restore time

**Accounting Period**  
Used to voice call.  
(ex)  
- configured as First (30 seconds ) Others(10 seconds )  
  
first connect -- 30 seconds are accounted.  
after 30 seconds -- 10 seconds are additionally accounted.  
after 10 seconds – 10 seconds are additionally accounted.  
and so on.

**Tariff Group**  
Tariff group is adapted to specific GSM port.

**Free quota**  
Free quota information.  
Current Usage information is supported at GSM Status.

# LCR – 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  
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P0:0(0)  
P0:1(0)

**Description**

LCR Test

**LCR Test**  
LCR simulator

**LCR Test**  
Show real time simulation status.



# SMS – Inbox

**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**

- total message
- unread messages (Blue color)
- received time
- content

**Information**

AddPac Technology  
Model : GS1002\_G2  
H/W Version : 2.0  
S/W Version : 8.00d  
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Mac Address: 0002.a400.0000  
Unread Message:  
P0:0(0)  
P0:1(0)

**Description**



# SMS – SMS New Message

The screenshot shows the 'Smart Web Manager' interface with the 'GSM SMS / New Message' page. The left sidebar contains a navigation menu with categories: System, Basic, Advanced, and Miscellaneous. The main content area has a form for sending a message, with fields for Phone Number, Message, and Port (set to P0:0), and a Send button. A red dashed box highlights the form fields. A yellow callout box points to the form with the text: 'New Message send a new message to the other GSM mobile phone.' The right sidebar shows system information and a description section.

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

**GSM SMS / New Message**

Max size is 80 characters

Phone Number:

Message:

Port: P0:0

Send

**New Message**  
send a new message to the other GSM mobile phone.

**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  
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Mac Address: 0002.a400.0000  
Unread Message:  
P0:0(0)  
P0:1(0)

**Description**

# GSM Gateway Series

# Thank you!

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