



# AddPac GSM Gateway

High Performance GSM Gateway Solution

ANI based Routing Service  
Features Overview



**AddPac**

**AddPac Technology**

2010, Sales and Marketing

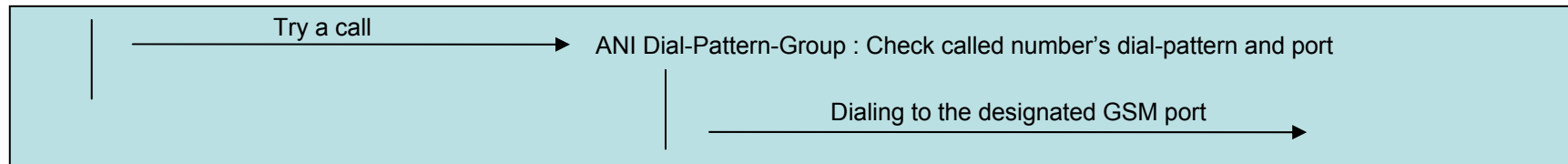
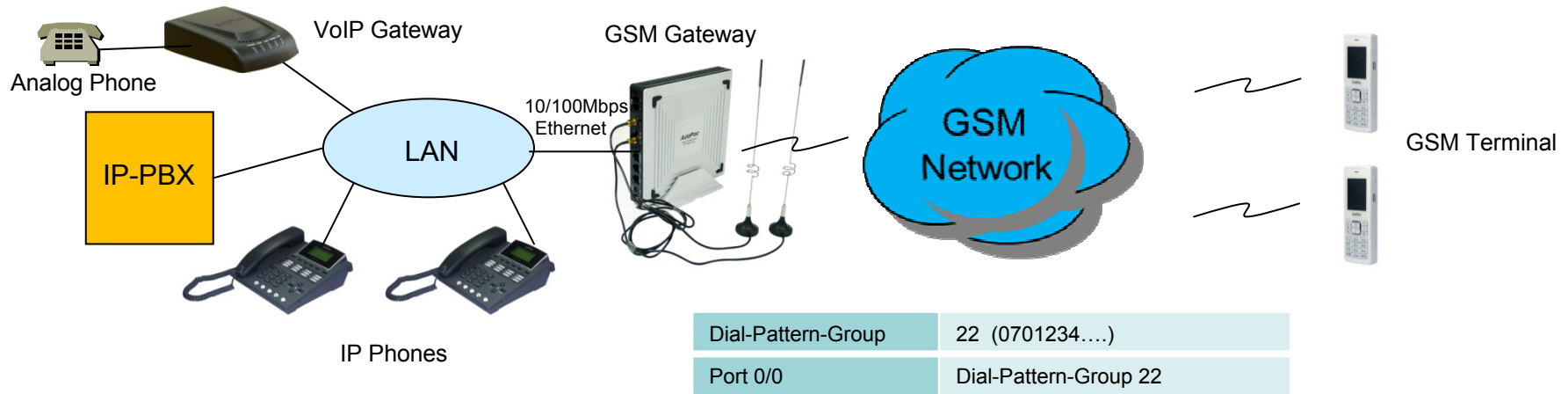
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# Contents

- ANI based Routing Service Diagram
- Smart Web Manager for ANI based Routing



# ANI based Route



ANI Based Route

: A called numbers with specific dial-pattern are routed to the designated PSTN or GSM port

# Smart Web Manager

- 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, **ANI based Route**
- 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

# Basic – Static Route

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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

### 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  
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**

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

# Basic – Hot Line

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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

### 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

**Information**

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

**Description**

**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 )

# Basic – ANI Based Route

## ANI Based Route

- A called numbers with specific dial-pattern are routed to the designated PSTN or GSM port

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**System**

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

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- GSM Extension
- E1/T1 Extension

**Advanced**

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

**ANI Based Route**

**Dial-Pattern Group Table**

Group ID	Index	DialPattern	Control
22	0	01011112222	<input type="checkbox"/>

22 0

**Port Mapping**

Port	DialPattern Group	Port	DialPattern Group
S0:P0	22	S0:P1	-1
S0:P2	-1	S0:P3	-1
S1:P0	-1	S1:P1	-1
		S1:P3	-1
S2:P0	-1	S2:P1	-1
S2:P2	-1	S2:P3	-1
S7:P0	-1	S7:P1	-1
S7:P2	-1	S7:P3	-1
S7:P4	-1	S7:P5	-1
S7:P6	-1	S7:P7	-1

**Information**

AddPac Technology  
Model : GS3000\_G2  
HW Version : 2.0  
SW Version : 8.41.03T  
SmartWeb Version : 1.0  
SmartWeb Build : Nov 22 2010  
Voice Interface  
G(4) : G(4) : G(4) : None :  
None : None : None : S(4)O  
(4) : None  
Protocol : SIP  
Status : Unregistered

Mac Address: 0002.a40a.00df  
Unread Message:  
P0:0(0)  
P0:1(0)  
P0:2(0)  
P0:3(0)  
P1:0(0)  
P1:1(0)  
P1:2(0)  
P1:3(0)  
P2:0(0)  
P2:1(0)  
P2:2(0)  
P2:3(0)

**Description**

## Port Mapping

- The dial-pattern group is mapped to specific port.

## Dial Pattern Group Table

- Create Dial Pattern Group for ANI(Auto Number Identification)

# GSM Gateway Series

# Thank you!

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