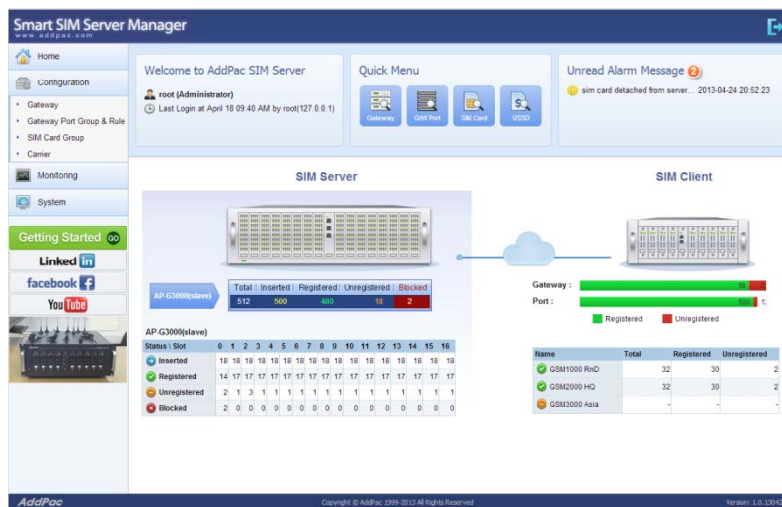


# Smart SIM Server Manager



SMS Service Extension



Smart SIM Server Manager

Welcome to AddPac SIM Server

Quick Menu: Gateway, SIM Port, SIM Card, USSD

Unread Alarm Message: sim card detached from server... 2013-04-24 20:52:23

SIM Server

AP-G3000(slave)	Total	Inserted	Registered	Unregistered	Blocked
	512	500	480	18	2

SIM Client

Gateway: 100%

Port: 100%

Name	Total	Registered	Unregistered
GS81000 RuD	32	30	2
GS82000 HQ	32	30	2
GS83000 Asia	-	-	-

AP-G3000(slave) Status: SIM

Slot	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Inserted	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Registered	14	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Unregistered	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Blocked	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Version: 1.0.13042

**AddPac**

AddPac Technology

Sales and Marketing

# Contents

- Main Features
- Service Network Diagram
- System Requirement
- Manager Login
- Configuration Management
- Monitoring Management
- System Management
- SIM Block By Quota(**SMS**, Voice)
- **SMS Statistics**
- Event Logs
- DB Backup & Restore

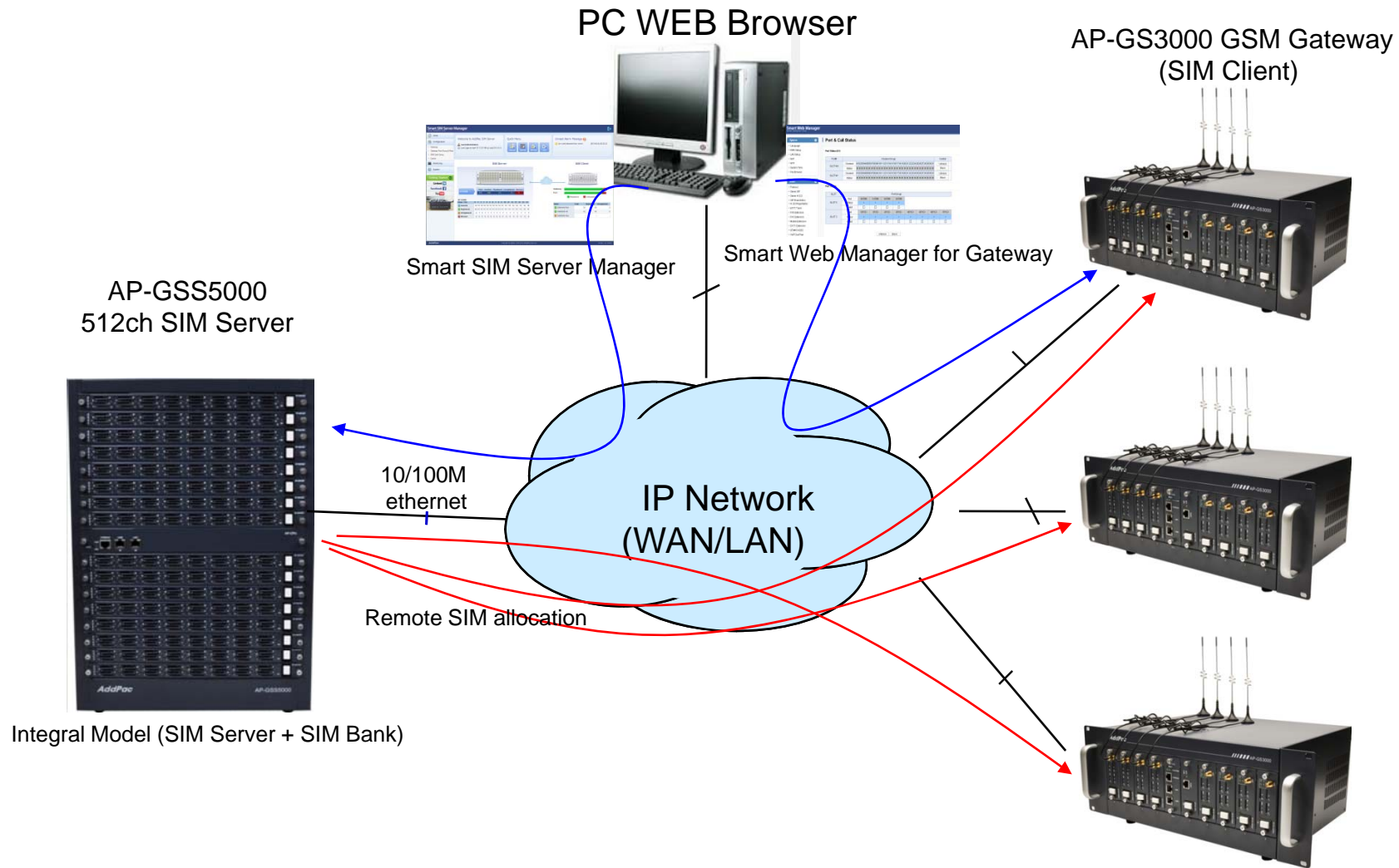
# Main Features (1/2)

- Support integral service - SIM server and SIM bank  
(Not need to purchase a separate SIM manager)
- Support user-friendly menu and easy configuration.
- Support auto provisioning via registration (GSM Gateway & SIM Client).
- Minimize packets between server and clients for communication cost effective
- Support multi carriers for cost effective service.
- Support powerful scheduling policy.
- Support auto detection of SIM block.
- Support powerful rotation policy for avoiding SIM block.
- Support manual and auto IMEI change.
- Support remote real-time USSD query.
- Support remote real-time modem status query.
- Support various call statistics .

# Main Features(2/2)

- Support SIM block by voice over-quota.
- Support SIM block by SMS over-quota.
- Support SMS statistics.
- Support various event log(call, SIM, GW, SMS, etc).
- Support DB data backup & restore

# Service Network Diagram



# System Requirement

## Smart SIM Server Manager

- Windows XP, Vista, Windows 7, Windows Server 2000/2003
- Linux / Unix Platform
- Microsoft Internet Explorer 7.0 / 8.0 / 9.0
- Google Chrome / Mozilla Firefox / Safari / Opera
- Javascript + HTML supported browser ( Android, iPhone, iPad,... )

# Login

**Manager Login**  
Execute web browser to enter the IP address of SIM Server then accessible login screen will be displayed.

**Administrator Authentication**  
Enter administrator ID and password to complete authentication by clicking login Smart SIM server manager.

# Main - Help

**Smart SIM Server Manager**  
www.addpac.com

**Modify Gateway Port & Rule**  
Apply Cancel

**Port Group**  
Name \* Verizon Carrier Port Group  
Description Verizon Carrier Port Group(working d

**Port List**  
Select Gateway: gateway device #1

**Help Window: SIM Assign Rules**  
One or more SIM card group can be allocated to this port group by assigning SIM Assign rules. At this rule, time based schedule and SIM rotation policy can be configured.

- Select SIM Card Group**  
Select SIM card group for this port group.
- Use Schedule**  
At default, this is all day. Multiple SIM assign rules can be configured by multiple time schedules. Among multiple assign rules, high priority schedule is applied when more than one schedule are overlapped.
- Rotation Type**  
This is "None Rotation" by default. When rotation is applied, next available SIM is assigned to a mobile port by following rule.
  - Period Interval Based Rotation: For a mobile port, next available SIM card is allocated after configured minutes.

## HELP

SIM server manager provides HELP for each functions. Click HELP to display new screen and detail description of setup is clearly explained in homepage.



# Main - Related Links

**Smart SIM Server Manager**  
www.addpac.com

Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring  
System

Getting Started GO  
Linked in  
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YouTube

**Modify Gateway Port & Rule**  
Apply Cancel

**Port Group**  
Name \* Verizon Carrier Port Group  
Description Verizon Carrier Port Group(working d

+ Add Rule

	Modify	Delete	SIM Card Group	Timezone	Rotat

**SIM Assign Rules**

**Port List**  
Select Gateway: gateway device #1

Name	Port	
1	device #1	0/1
2	gateway device #1	0/2
3	gateway device #1	0/3

**Description**  
This is mobile gateway port group for assigning SIM cards. The gateway port group can be logically grouped by spanning multiple gateways. One or more SIM card group can be allocated to this port group by assigning allocation rules.

**Related Links**  
• SIM Card Group  
• Gateway Port

**Related Links**  
• SIM Card Group  
• Gateway Port

**Related Links**  
SIM Server manager page provides related link functions. Related links helps easy operation of SIM server by providing link.

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# Main

**Smart SIM Server Manager**  
www.addpac.com

Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring

Welcome to AddPac SIM Server  
root (Administrator)  
Last Login at April 19 11:27 AM by root(127.0.0.1)

**Quick Menu**  
Gateway | GW Port | SIM Card | USSD

**Unread Alarm Message 2**  
sim card detached from server... 2013-04-24 20:52:23

**SIM Server**

AP-G3000

Total	Inserted	Registered	Unregistered	Blocked
512	500	480	18	2

AP-G3000

Status \ Slot	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Inserted	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Registered	14	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Unregistered	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Blocked	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Gateway : 18 Registered, 2 Unregistered  
Port : 470 Registered, 52 Unregistered

Name	Total	Registered	Unregistered
GSM1000 RnD	32	30	2
GSM2000 HQ	32	30	2
GSM3000 Asia	-	-	-

**Alarm Message**  
It displays SIM server system errors

**Main Menu**  
Through left "Main Menu", setup SIM allocation policy.

**Short Cut**  
A short cut link.

**Status**  
It displays current SIM server system major status

# Main - Alarm History

**Smart SIM Server Manager**  
www.addpac.com

Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring  
System

Getting Started GO  
Linked in  
facebook f  
YouTube

Welcome to AddPac SIM Server  
root (Administrator)  
Last Login at April 19 11:27 AM by root(127.0.0.1)

Quick Menu  
Gateway G/W Port SIM Card USSD

Unread Alarm Message 2  
sim card detached from server... 2013-04-24 20:52:23

SIM Server SIM Client

**Alarm History**

Search Conditions: Level All Search Ack Alarm Refresh

	Event Time	Level	Category	Description
<input type="checkbox"/>	1 2013-04-24 20:52:23	Warning	Gateway	sim card detached from server
<input type="checkbox"/>	2 2013-04-24 20:51:40	Warning	SIM Server	sim card (0/0) blocked by operator ( admin )
<input type="checkbox"/>	3 2013-04-24 20:50:55	Information	SIM Server	sim allocation rule newly added. schedule adjusted !
<input type="checkbox"/>	4 2013-04-24 20:50:52	Information	SIM Server	sim card (0/5) ussd service ( balance query ) completed !

Unregistered  
0 2  
0 2  
-

Displaying 1 - 4 of 4  
Version: 1.0.130423

**Alarm History**  
Main page displays alarm message. Click Unread Alarm Message to display alarm history page at the bottom. It also displays SIM server system errors.

# Main – Quick Menu

**Smart SIM Server Manager**  
www.addpac.com

Welcome to AddPac SIM Server

root (Administrator)  
Last Login at April 19 11:27 AM by root(127.0.0.1)

**Quick Menu**

- Gateway
- GW Port
- SIM Card
- USSD

Unread Alarm Message 2  
sim card detached from server... 2013-04-24 20:52:23

**SIM Server**      **SIM Client**

**Gateway**

Clear Statistics      Gateway Group: All      Refresh

	Port	Name	Gateway Group	IP Address	Status	Active Calls	SIM Card			Statistics	
							Total(Equip)	Assigned	Registered	ASR(success/total)	ACD(sec)
<input type="checkbox"/>		GS3000(gsm gat...	default_group	172.16.10.1	Connected		4 (1)	1	1	96.0% (48/50)	10
<input type="checkbox"/>		gsm gateway #1	default_group	172.16.30.99	Disconnected		8 (2)	2	1	84.3% (59/70)	8
<input type="checkbox"/>		gateway #2	default_group		Disconnected		0 (0)	0	0	0% (0/0)	0

Total: 3

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**Quick Menu**  
A short cut link for favorite. It provides Extension / Gateway List / Gateway Port / SIM Card / USSD Service cut link to improve the convenience of user.

# Main – Follow Us

The screenshot shows the Smart SIM Server Manager web interface. On the left is a navigation menu with sections: Home, Configuration (Gateway, Gateway Port Group & Rule, SIM Card Group, Carrier), Monitoring, and System. The main content area includes a 'Getting Started' button, social media links for LinkedIn, Facebook, and YouTube, and a table for AP-G3000 SIM card status. A red dashed box highlights the social media links and the product overview section. A yellow box at the bottom left contains the text 'Follow Us You may check AddPac product information, solution and etc. through Linked, Facebook, YouTube.' A yellow box at the top right shows an 'Unread Alarm Message' for a detached SIM card. A 'SIM Client' section on the right shows a server rack image. A large red dashed box encompasses the social media content, including a Facebook profile for AddPac Technology and a YouTube video player for 'AddPac 32-Port GSM Gateway (AP-GS3500)'.

**Getting Started** **GO**

[LinkedIn](#)
[facebook](#)
[YouTube](#)

**AP-G3000** Total | Inserted | Re

Status \ Slot	0	1	2	3	4	5	6
Inserted	18	18	18	18	18	18	18
Registered	14	17	17	17	17	17	17
Unregistered	2	1	3	1	1	1	1
Blocked	2	0	0	0	0	0	0

**Follow Us**  
You may check AddPac product information, solution and etc. through Linked, Facebook, YouTube.

**Unread Alarm Message** 2  
sim card detached from server... 2013-04-24 20:52:23

**SIM Client**

**facebook**  
AddPac Technology  
122 Facebook 91,921 LIKES  
AddPac Technology (2012) 1,019,109 5.8 Facebook 792,848.8

**YouTube**  
AddPac 32-Port GSM Gateway (AP-GS3500)  
AddPacMarketing 181 videos 746 views  
Uploaded on Dec 4, 2011  
32-Port GSM Gateway, Module Type Dual Power Supply

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Version: 1.0.130-423

# Configuration - Gateway

Smart SIM Server Manager  
www.addpac.com

Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring  
System

Getting Started GO  
Linked in  
facebook f  
YouTube

AP-G3000  
Status \ S  
Insert  
Regist  
Unreg  
Block

Welcome Smart SIM Server Manager  
www.addpac.com

Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring  
System

Getting Started GO  
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facebook f  
YouTube

Gateway

Add Group Add Gateway Refresh

Name	Description	Status	IP Address	Port Count
default_group	desc	Registered	172.16.10.1	32
GS3000(gsm gateway)	HQ gateway	Registered	172.16.10.1	32
gateway #2		Unregistered	172.17.50.22	32
gsm gateway #1	gateway description	Unregistered	172.16.30.99	96

AP-G3000

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## Gateway

Shows gateways and its group configuration. Each gateway have one or more slot & port and is configured to register SIM server

# Configuration - Gateway Port Group & Rule

**Smart SIM Server Manager**  
www.addpac.com

Home Configuration Gateway Gateway Port Group & Rule SIM Card Group Carrier Monitoring System

Welcome **Smart SIM Server Manager**  
www.addpac.com

root (Admin) Home Configuration Add Gateway Port Group & Rule

Apply Cancel

**Port Group**

Name \* working day rule

Description mon-fri 08:00 ~17:00

**SIM Assign Rules**

	Modify	Delete	SIM Card Group	Timezone	Rotation Type
1			kt sim group	MON/TUE/WED/THU/FRI/ (08:00~17:00)	Period-interval based rotation (...)

**Port List**

Select Gateway: All

Name	Port
1 gsm gateway #1	0/5
2 gsm gateway #1	1/0
3 gsm gateway #1	1/2

**Allowed Ports List**

Name	Port
1 gsm gateway #1	0/4
2 gsm gateway #1	0/6
3 GS3000(gsm gateway)	0/7
4 gsm gateway #1	1/1

**Description**

This is mobile gateway port group for assigning SIM cards. The gateway port group can be logically grouped by spanning multiple gateways. One or more SIM card group can be allocated to this port group by assigning allocation rules.

**Related Links**

- SIM Card Group
- Gateway Port

**Gateway Port Group & Rule**  
Define sim card allocation rule for gateway port. Each sim group may have different time zone and rotation policy ( period-interval, call-count and call-duration )

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# Configuration - Gateway Port Group & Rule

**Smart SIM Server Manager**  
www.addpac.com

Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring  
System

Getting Started GO  
Linked in  
facebook f  
YouTube

AP-G3000  
Status \ Slot  
Inserted  
Registered  
Unregistered  
Blocked

Welcome to Smart SIM Server Manager  
root (Admin)  
Home  
Configuration  
Gateway  
Gateway Port Group & Rule  
SIM Card Group  
Carrier  
Monitoring  
System

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facebook f  
YouTube

**Add Gateway Port Group & Rule**  
Apply Cancel

Name \* working day rule

Port Group

**SIM Assign Rule**

Select SIM card group \* SKT sim group

Day of Week  Sun  Mon  Tue  Wed  Thu  Fri  Sat

Use Schedule  
Time 08:00 ~ 17:00

Rotation Type

- None Rotation
- Period Interval based rotation Always rotate SIM by every 10 minutes
- Call-Count based rotation If call count in a SIM exceeds 10 then I will take over the next one
- Call-Duration rotation If call duration in a SIM exceeds 10 minutes, then rotate next one

Rotation Option

- Auto balance check before switching
- IMEI auto change with SIM rotation

Apply Cancel

**Description**  
This is mobile gateway port group for assigning SIM cards. The gateway port group can be logically grouped by spanning multiple gateways. One or more SIM card group can be allocated to this port group by assigning allocation rules.

**Related Links**

- SIM Card Group
- Gateway Port

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**Gateway Port Group & Rule**  
Define sim card allocation rule for gateway port. Each sim group may have different time zone and rotation policy ( period-interval, call-count and call-duration )



# Configuration - SIM Card Group

The screenshot displays the 'Smart SIM Server Manager' web interface. The main content area shows the 'SIM Card Group' configuration page. A table lists three SIM card groups:

	Cards	Modify	Delete	Name	Description	SIM Count	Date Created
1				kt sim group	kt sim group ( 08:00 ~ 18:00 )	5	2013-04-20 06:00:02
2				SKT sim group	SKT sim group	0	2013-04-22 18:30:11
3				Verizon	verizon sim card group desc	0	2013-04-19 11:28:08

A yellow callout box at the bottom left of the screenshot contains the following text:

**SIM Card Group**  
One or more sim card can be grouped by SIM Card Group and also be used in the Port Group & Rule.

# Configuration - Carrier

**Carrier**  
Each SIM Card can be assigned to one carrier. The carrier have various setup policy such as USSD string, tariff and block policy.

Cards	Modify	Delete	Name	Description	SIM Count	Date Created
1			kt carrier	kt carrier desc	1	2013-04-19 14:35:25
2			SKT carrier	SKT carrier desc	4	2013-04-19 14:35:30

**Modify Carrier**

Apply Cancel

**General**

Name \*

Description

**USSD Setting**

Balance String

Balance Get Request String

**Tariff Policy**

First Charge 60 sec Rate 0.5

Second Charge 50 sec Rate 0.4

**Block Policy**

Block SIM if CCF( consecutive call fail ) count exceeds 3

Define SCD ( short call duration ) as 50 seconds and block if SCD count exceeds 3

**Description**

This is a carrier related settings and policies. This carrier policy can be applied to each SIM card by assigning carrier at SIM card setting menu.

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# Monitoring - Gateway

The screenshot displays the 'Smart SIM Server Manager' web interface. The left sidebar contains navigation options: Home, Configuration, Monitoring, Gateway, Gateway Port, SIM Card, USSD Service, and System. The 'Monitoring' section is expanded, and the 'Gateway' sub-option is selected. The main content area shows a 'Gateway' monitoring page with a table of gateway information. A 'Clear Statistics' button is visible above the table. The table has columns for Port, Name, Gateway Group, IP Address, Status, Active Calls, SIM Card (Total(Equip), Assigned, Registered), and Statistics (ASR(success/total), ACD(sec)).

Port	Name	Gateway Group	IP Address	Status	Active Calls	SIM Card			Statistics	
						Total(Equip)	Assigned	Registered	ASR(success/total)	ACD(sec)
	GS3000(gsm gatew...	default_group	172.16.10.1	Connected		4 (1)	1	1	93.3% (56/60)	11
	gsm gateway #1	default_group	172.16.30.99	Disconnected		8 (2)	2	1	82.3% (107/130)	13
	gateway #2	default_group	172.17.50.22	Disconnected		4 (0)	0	0	0% (0/0)	0

**Gateway**  
Show gateway general information and current status such as network connection, sim card allocation count and port stats ( ASR, ACD )

Page 1 of 1

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# Monitoring - Gateway Port

**Smart SIM Server Manager**  
www.addpac.com

Home Configuration Monitoring Gateway Gateway Port SIM Card USSD Service System

Getting Started GO

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AP-G3000

AP-G3000 Status \ Slot  
Inserted  
Registered

**Gateway Port**

Port Group: KT port group1 Clear Statistics Port Control

Search: Port Group KT port group1 Refresh

Port	Port Group	Description	IMEI	SIM Card Group	SIM Card	Carrier	Operator Name	Status	Signal Strength	ASR(success/total)	ACD(sec)
0/1	KT port group1	KT port group des...	490154203237518	kt sim group	0/5	kt carrier	is a KT99	Registered	96.0%	(48/50)	0
0/2	KT port group1	KT port group des...	123434343434	kt sim group	0/1		is a SKT999	Registered	83.3%	(50/60)	0
0/3	KT port group1	KT port group des...	133434	kt sim group	0/5	kt carrier	is a KT99	Unregistered	90.0%	(9/10)	0
0/4			343432343432032	/			is a KT99	Unregistered	80.0%	(8/10)	0
0/5			343432343432032	/			is a KT99	Unregistered	80.0%	(8/10)	0
0/6			343432343432032	/			is a KT99	Unregistered	80.0%	(8/10)	0
0/7			343432343432032	/			is a SKT123	Unregistered	80.0%	(8/10)	0
1/0			343432343432032	/			is a SKT123	Unregistered	80.0%	(8/10)	0
1/1			343432343432032	/			is a SKT123	Unregistered	80.0%	(8/10)	0
1/2			343432343432032	/			is a KT99	Unregistered	80.0%	(8/10)	0

Page 1 of 1 Total 10

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**Gateway Port**  
Show general gateway port information and monitors which the port has registered and signal strength and port statistics ( ASR, ACD ) Also gateway port control such as restart and changing IMEI number.

# Monitoring - SIM Card

**Smart SIM Server Manager**  
www.addpac.com

Home  
Configuration  
Monitoring  
Gateway  
Gateway Port  
SIM Card  
USSD Service  
System

Getting Started GO  
Linked in  
facebook f  
YouTube

AP-G3000  
Status \ Slot  
Inserted  
Registered

**Smart SIM Server Manager**  
www.addpac.com

root (Admin)  
Home  
Configuration  
Monitoring  
Gateway  
Gateway Port  
SIM Card  
USSD Service  
System

**SIM Cards**

SIM Card Group Carrier Clear SIM Control USSD Service

Search: Status All Refresh

Card	Configuration			Mobile Information			Postpaid Quota(min)		Statistics		Block Count				
	Description	SIM Card Group	Carrier	Assigned GW	Assigned Port	Status	Duration(min)	Prepaid Balance	Latest Reply Date	Quota	Remain	ASR(success/total)	ACD(sec)	CCF	SCD
0/5	kt simcard	kt sim group	kt carrier	GS3000(g...	0/1	Registered	260	is a KT0000	2013-04-26 1...			96.2% (50/52)	5	2	5
0/1	SKT si...	kt sim group	SKT car...	gsm gate...	0/2	Registered	250	is a SKT9999	2013-04-26 1...	0	0	98.0% (49/50)	5	2	3
0/2	KT simc...	kt sim group	SKT car...	gsm gate...	0/3	Registered	300	is a SKT9999		0	0	100.0% (26/26)	11	0	0
1/1		kt sim group	SKT car...	gsm gate...	0/2	Registered	270	is a SKT9999		0	0	95.6% (65/68)	3	0	0
0/4		kt sim group	SKT car...	gsm gate...	0/2	Registered	310	is a SKT9999		0	0	98.0% (96/98)	3	0	0
2/0	KT simc...			gsm gate...	0/5	Blocked(by Operator)						0% (0/0)	0		
3/0	KT2 sim...			gsm gate...	0/2	Blocked(by CCF)						0% (0/0)	0		

Page 1 of 1 Total: 7

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**SIM cards**  
Show status of SIM card allocation to the gateway port and various mobile information(call duration, balance reply ), statistics and block count.  
You can use many sim card related control operations( assign/unassign, USSD service )



# System - Alarm History

**Smart SIM Server Manager**  
www.addpac.com

Home  
Configuration  
Monitoring  
System  
  ▶ Alarm History  
  ▶ Administrator

Getting Started GO

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You Tube

**Alarm History**  
Shows system history related to the SIM server, gateway and SIM manager. Administrator can acknowledge one or more events.

Search Conditions: Date 2013-04-19 2013-04-26 Search Ack Alarm Refresh

	Event Time	Level	Category	Description
<input type="checkbox"/>	1 2013-04-24 20:52:23	Warning	Gateway	sim card detached from server
<input type="checkbox"/>	2 2013-04-24 20:51:40	Warning	SIM Server	sim card (0/0) blocked by operator ( admin )
<input type="checkbox"/>	3 2013-04-24 20:50:55	Information	SIM Server	sim allocation rule newly added. schedule adjusted !
<input type="checkbox"/>	4 2013-04-24 20:50:52	Information	SIM Server	sim card (0/5) ussd service ( balance query ) completed !

Displaying 1 - 4 of 4

AddPac  
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Version: 1.0.130423

# System - Administrator

Smart SIM Server Manager  
www.addpac.com

Home  
Configuration  
Monitoring  
System  
  Alarm History  
  Administrator

Getting Started GO  
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facebook f  
You Tube

**Administrator**  
An administrator creation/change is necessary for SIM server operation. System access control is possible depend on permission level (Administrator / Operator / Monitor)

Add Administrator Refresh

	Modify	Delete	ID	Name	Level	Description	Date Created
1			admin	administrator	Administrator	administrator desc	2013-04-26 11:33:54
2			root	assistant administr...	Administrator		2013-04-17 20:40:49

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# SIM Block by Quota (SMS, Voice)

**Smart SIM Server Manager**  
www.addpac.com

Home | Configuration | Gateway | Gateway Port Group & Rule | SIM Card Group | SIM Server | **Carrier** | Monitoring | System

**Modify Carrier**  
Apply | Cancel

**General**  
Name \* SKT\_Carrier  
Description

**USSD Setting**  
Balance String \*99  
Balance Get Request String

**Tariff Policy**  
 Use Voice Quota  
Voice Quota 100  
First Charge 60  
Second Charge 30  
 Use SMS Quota  
SMS Quota 5  
Restore Policy Daily 00:00

**Block Policy**  
 Block SIM if CCF( consecutive call fail ) count exceeds 30  
 Define SCD ( short call duration ) as 10 seconds and block if SCD count exceeds 30

**Tariff Policy**  
SIM blocked by voice quota or SMS quota.  
SIM automatically unblocked by restore policy

# GW SMS Statistics (1/3)

Smart SIM Server Manager  
www.addpac.com

Home Configuration Monitoring Gateway Gateway Port SIM Card USD Service System

Getting Started GO

Linked in facebook YouTube

Gateway

Clear Statistics Gateway Group: All

Port	Name	Gateway Group	IP Address	Status	Established Calls	SIM Card			Statistics		SMS Statistics	
						Total(Equip)	Assigned	Registered	ASR(success/total)	ACD(sec)	Tx(success/total)	Rx(total)
<input type="checkbox"/>	Gateway	default group	172.16.9.30	Connected		36 (4)			51.4% (55/107)	123	97 / 133	47

**SMS Statistics per Gateway**

- TX success, TX total.
- RX total

# GW Port SMS Statistics (2/3)

Smart SIM Server Manager  
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Home | Gateway Port

Configuration | Port Group | Clear Statistics | Port Control

Monitoring | Search: Gateway | Gateway | Refresh

Port	Port Group	Description	IMEI	Configuration			Status			Rotate Information		Mobile Information		Statistics		SMS Statistics		
				SIM Card Group	SIM Card	SIM Server	Carrier	Hardware Statu	Operation Statu	Admin Status	Call Duration	Type	Remain	Operator Name	Signal Strength	ASR(success/total)	ACD(sec)	Tx(success/total)
0/0	PortGroup							Not Equipped	Unregistered	Unblocked		Period-int...	0s/0s		62.9% (39/62)	103	30 / 30	
0/1	PortGroup							Not Equipped	Unregistered	Unblocked		Period-int...	0s/0s		88.9% (8/9)	108	0 / 5	
0/3	PortGroup							Not Equipped	Unregistered	Unblocked		Period-int...	0s/0s		100.0% (1/1)	634	25 / 37	3
1/0	PortGroup							Not Equipped	Unregistered	Unblocked		Period-int...	0s/0s		66.7% (2/3)	112	10 / 17	30
1/1								Not Equipped	Unregistered	Unblocked		None	-		15.6% (5/32)	204	32 / 44	14
1/2								Not Equipped	Unregistered	Unblocked		None	-					
1/3								Not Equipped	Unregistered	Unblocked		None	-					
2/0								Not Equipped	Unregistered	Unblocked		None	-					
2/1								Not Equipped	Unregistered	Unblocked		None	-					
2/2								Not Equipped	Unregistered	Unblocked		None	-					
2/3								Not Equipped	Unregistered	Unblocked		None	-					
3/0								Not Equipped	Unregistered	Unblocked		None	-					
3/1								Equipped	Unregistered	Unblocked		None	-					
3/2								Equipped	Unregistered	Unblocked		None	-					
3/3								Equipped	Unregistered	Unblocked		None	-					
4/0								Not Equipped	Unregistered	Unblocked		None	-					
4/1								Not Equipped	Unregistered	Unblocked		None	-					
4/2								Not Equipped	Unregistered	Unblocked		None	-					
4/3								Not Equipped	Unregistered	Unblocked		None	-					

**Call Statistics per Gateway' port**  
- ASR(%) ACD(seconds).

**SMS Statistics per Gateway' port**  
- TX success, TX total.  
- RX total

# SMS Statistics per SIM (3/3)

Smart SIM Server Manager  
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Home  
Configuration  
Monitoring  
Gateway  
Gateway Port  
SIM Card  
USSD Service  
System

Getting Started GO  
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YouTube

SIM Cards  
SIM Card Group Carrier Clear SIM Control USSD Service

Configuration								Mobile Information			Postpaid Quota(min)		Statistics		SMS Statistics	
Card	Description	SIM Server	SIM Card Group	Carrier	IMEI	Assigned GW	Assigned Port	Duration(min)	Prepaid Balance	Latest Reply Date	Quota	Remain	ASR(success/total)	ACD(sec)	Tx(success/total)	Rx(total)
Q/0		GSS50...	SimGroup1					4038					62.9% (39/62)	103	30 / 30	
Q/1		GSS50...	SimGroup1					865					88.9% (8/9)	108	0 / 5	
Q/2		GSS50...	SimGroup1					634					100.0% (1/1)	634	25 / 37	3
Q/3		GSS50...	SimGroup1					224					66.7% (2/3)	112	10 / 17	30
Q/4		GSS50...	SimGroup1					1024					21.7% (5/23)	204	32 / 44	14
Q/5		GSS50...	SimGroup1												10 / 12	1
Q/6		GSS50...	SimGroup1													
Q/7		GSS50...	SimGroup1													
Q/8		GSS50...	SimGroup1													
Q/9		GSS50...	SimGroup1													
Q/10		GSS50...	SimGroup1													
Q/11		GSS50...	SimGroup1													
Q/12		GSS50...	SimGroup1													
Q/13		GSS50...	SimGroup1													
Q/14		GSS50...	SimGroup1													
Q/15		GSS50...	SimGroup1													
Q/16		GSS50...	SimGroup1													

**Call Statistics per SIM**  
- ASR(%) ACD(seconds).

**SMS Statistics per SIM**  
- TX success, TX total.  
- RX total

# Event Log

Smart SIM Server Manager  
www.addpac.com

Home  
Configuration  
Monitoring  
System  
Global Settings  
Event History  
Call History  
Administrator  
Backup & Restore

Getting Started GO  
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Event History

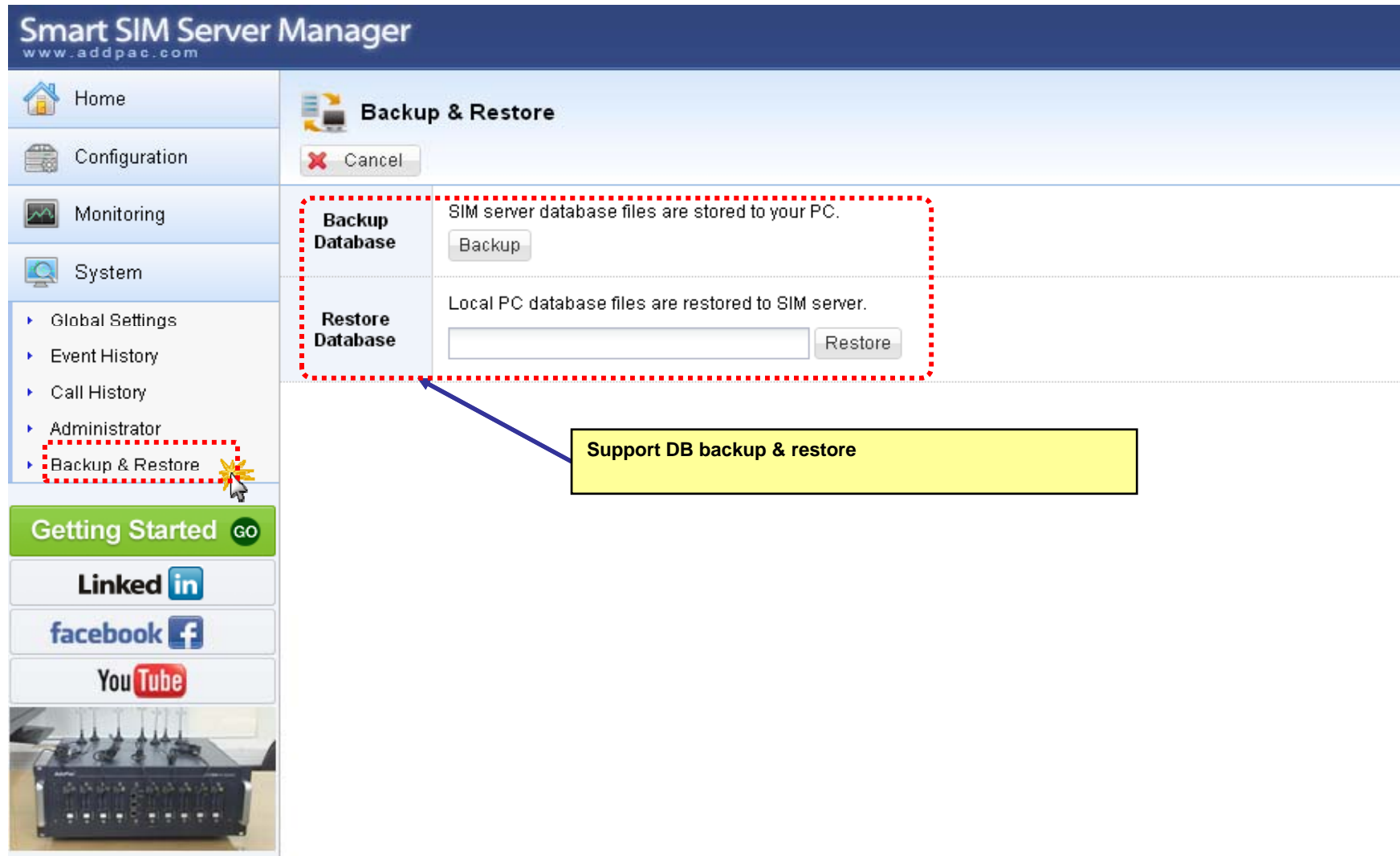
From: 2013-08-12 To: 2013-08-19 Type: Description Search Word: Search Advanced Search Ack Events

**Search Type**

- Category, Event Type, SIM Server, SIM Card Group
- SIM Card Slot Number, Gateway, Gateway Port Group
- Gateway Slot Number, Gateway Port Number, Carrier, Level
- Description, Acknowledge

	Event Time	Level	Category	Type	Port Information		Card Information		Description	Operator
					Port	Port Group	SIM Card	SIM Card Group		
<input type="checkbox"/>	10	2013-08-19 13:55:23	Information	Operator	SIM card				carrier updated	root
<input type="checkbox"/>	9	2013-08-19 11:57:21	Information	Operator	SIM card				carrier added	root
<input type="checkbox"/>	8	2013-08-19 11:56:54	Information	Operator	SIM card				carrier deleted	root
<input type="checkbox"/>	7	2013-08-19 11:56:33	Information	Operator	SIM card				carrier updated	root
<input type="checkbox"/>	6	2013-08-19 11:54:35	Information	Operator	SIM card				carrier added	root
<input type="checkbox"/>	5	2013-08-19 10:30:29	Information	Operator	SIM card		PortGroup		port group added	root
<input type="checkbox"/>	4	2013-08-19 10:20:36	Information	Operator	SIM card			SimGroup1	sim group added	root
<input type="checkbox"/>	3	2013-08-19 10:20:02	Information	Device	Device up				device added	root
<input type="checkbox"/>	2	2013-08-19 10:19:57	Information	Operator	SIM card				device added	root
<input type="checkbox"/>	1	2013-08-19 10:19:01	Warning	Operator	SIM card SMS...	0/10	PortGroup	0/1(GSS5000... SimGroup1	sim card SMS overquota	

# DB Data Backup & Restore



The screenshot shows the 'Smart SIM Server Manager' web interface. The left sidebar contains navigation options: Home, Configuration, Monitoring, System, Global Settings, Event History, Call History, Administrator, and Backup & Restore. The 'Backup & Restore' menu item is highlighted with a red dashed box. The main content area is titled 'Backup & Restore' and features a 'Cancel' button. Below this, there are two sections: 'Backup Database' with a 'Backup' button and the text 'SIM server database files are stored to your PC.', and 'Restore Database' with an empty text input field and a 'Restore' button, with the text 'Local PC database files are restored to SIM server.' below it. A yellow callout box with the text 'Support DB backup & restore' has a blue arrow pointing to the 'Backup & Restore' menu item.



# Thank you!

**AddPac Technology Co., Ltd.**  
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail : [sales@addpac.com](mailto:sales@addpac.com)