Multi-SIM GSM Gateway Smart Web Manager

AddPac Technology

2014, Sales and Marketing

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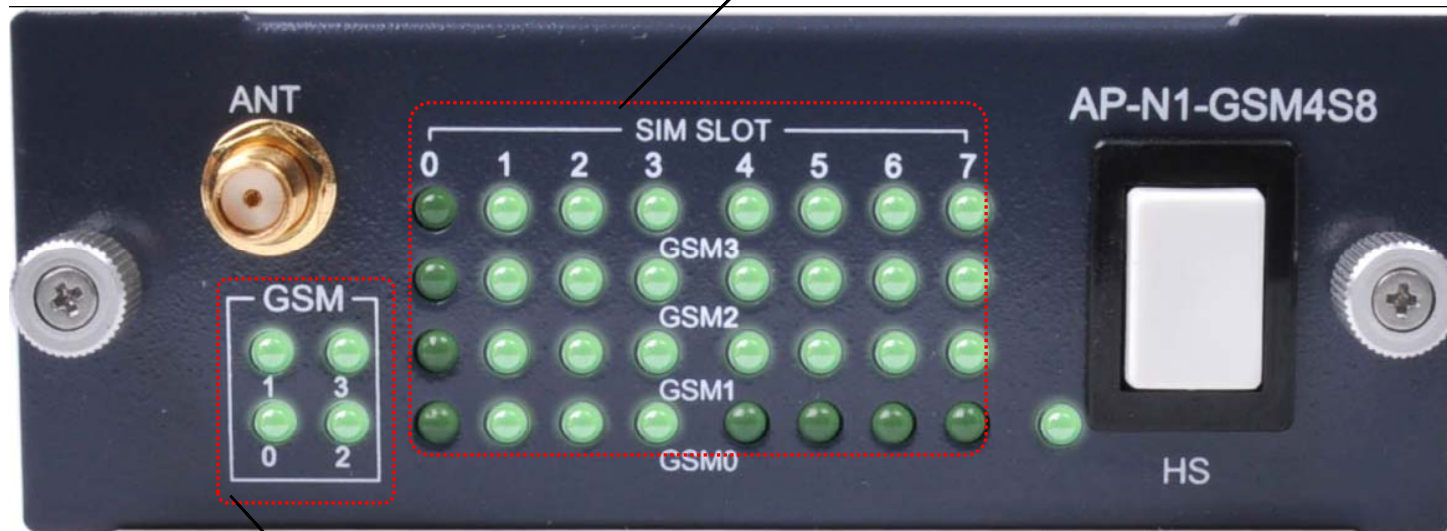- GSM Multi-SIM Switching Log

GSM Multi-SIM Service Features

- Support Various SIM Switching Algorithm
  - Period based
  - Call count based
- Support multi-mobile service provider by grouping.
- Support tariff based service by voice quota or number of calls
- Support call restriction by time interval
- Support automatic detection of the blocked SIM.
  - By CCF (Consecutive Call Fail)
  - By CSCD (Consecutive Short Call Duration)
- Support automatic isolation of the blocked SIM.
- Support manual SIM blocking.
- Support automatic Balance Query before SIM Switching.
- Support SIM switching log & balance query log.

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GSM Multi-SIM Module Panel LED Status

GSM SIM Status
- Active SIM (Green Blink)
- Idle SIM (Green ON)
- No SIM(Green OFF)

GSM Module Ready
- Ready(Green ON), not-Ready(Green OFF)

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GSM Multi-SIM Manager (1/3)

– Configure Rotation method using tariff-group.

GSM Multi-SIM Manager (2/3)

– Configure Rotation method using rotation policy group.

Support auto SIM blocking
- consecutive call fail condition
- consecutive short call duration

Create new rotation policy group for multi-SIMs' rotation
- support period based SIM rotation
- count & time based rotation is supported by tariff-group

GSM Multi-SIM Manager (3/3)

- SIM Status Control.

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Mutli SIM Port Management

mSIM Rotation Policy Group

Group	Policy	Tariff Group	Period (30~3600 mins)	Auto Switch Threshold		Control
				CCF (count)	CSCD (count / sec)	
				5	2 / 10	☐

Equipment status
- Equipment(O)   Non-Equipment(X)
Operational status
- Active(O)   Idle(I)   Over-Quota(Q)   Over-Period(P)   CCF(F)   CSCD(S)
- 'Q', 'F' and 'S' need manual reset.
Manual blocking status

Rotation group is mapped to the port.

Show accumulated count
- consecutive call fail count
- consecutive short call duration

Show remains for next switching

	Port	SIM Bank(0-4)				Rotation Group	Rotation Policy	CCF	CSCD	Remains.
☐	P1:0	(E) O	O	O	O	0 ▾	no policy	0	0	--
		(O) O	Q	F	I					
		(B) ☐	☐	☐	☐					
☐	P1:1	(E) O	O	O	O	none ▾	no policy	0	0	--
		(O) O	I	I	I					
		(B) ☐	☐	☐	☐					
		(E) O	O	O	O					

After Checking Ports, reset operational status to 'Idle'.

✔ Apply   ✔ Reset Quota   ✔ Reset CCF   ✔ Reset CSCD

GSM Multi-SIM Latest Balance

GSM Multi-SIM Switching Log

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System

Basic

Advanced

Miscellaneous
- Port & Call Status
- System Status
- Mobile Status
- Mobile Call Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- Mobile BS Info
- **mSIM Switch Log**

LCR
- Black & White List
- Time Interval
- Tariff Group
- LCR Test

Multi SIM Switch Log

Multi SIM Switching log
- Switching Event
- Balance Query Event
- Up to 512

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Port    Content & Date
-----   --------------------------------------------------
P8:1    SIM is changed from(1) to(2)    2012/10/09 20:32:19
P8:0    SIM is changed from(1) to(2)    2012/10/09 20:32:19
P8:1/1 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:32:18
P8:0/1 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:32:18
P8:1    SIM is changed from(3) to(1)    2012/10/09 20:31:13
P8:0    SIM is changed from(3) to(1)    2012/10/09 20:31:13
P8:1/3 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:31:12
P8:0/3 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:31:12
P8:1    SIM is changed from(2) to(3)    2012/10/09 20:30:07
P8:0    SIM is changed from(2) to(3)    2012/10/09 20:30:07
P8:1/2 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:30:06
P8:0/2 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:30:06
P8:1    SIM is changed from(1) to(2)    2012/10/09 20:29:01
P8:0    SIM is changed from(1) to(2)    2012/10/09 20:29:01
P8:1/1 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:29:00
P8:0/1 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:29:00
P8:1    SIM is changed from(3) to(1)    2012/10/09 20:27:55
P8:0    SIM is changed from(3) to(1)    2012/10/09 20:27:55
P8:1/3 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:27:54
P8:0/3 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:27:54
P8:1    SIM is changed from(2) to(3)    2012/10/09 20:26:49
P8:0    SIM is changed from(2) to(3)    2012/10/09 20:26:49
P8:1/2 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:26:48
P8:0/2 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:26:48
P8:1    SIM is changed from(1) to(2)    2012/10/09 20:25:43
P8:0    SIM is changed from(1) to(2)    2012/10/09 20:25:43
P8:1/1 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:25:42
P8:0/1 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:25:42
P8:1    SIM is changed from(3) to(1)    2012/10/09 20:24:37
P8:0    SIM is changed from(3) to(1)    2012/10/09 20:24:37
P8:1/3 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:24:36
P8:0/3 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:24:36
P8:1    SIM is changed from(2) to(3)    2012/10/09 20:23:31
P8:0    SIM is changed from(2) to(3)    2012/10/09 20:23:31
P8:1/2 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:23:30
P8:0/2 [Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,SMS:0.)]    2012/10/09 20:23:30
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Thank you!

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