

Hot-Swap Function for AP-GSS1500 GSM SIM Server



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GSM SIM Server Hardware Platform

GSM SIM Server Comparison Table

Model	AP-GSS5000	AP-GSS3000	AP-GSS2000	AP-GSS1500
				
Available Modules	AP-GSC32F AP-CPU AP-POWER	AP-GSC32 AP-CPU AP-POWER	AP-GSC32 AP-CPU	AP-N1-SIM32 AP-CPU
SIM Bank Module	AP-GSC32F : 32 SIM, Front Insertion Type, Single SIM base exchange, Hot-Swap	AP-GSC32 : 32 SIM, Hot-Swap AP-GSC64 : 64 SIM, Hot-Swap	AP-GSC32 : 32 SIM, Hot-Swap	AP-N1-SIM32: 32 SIM, Hot-Swap
Total SIM Cards	Up to 512 SIM	Up to 1024SIM	Up to 256 SIM	Up to 256 SIM
SIM Bank Module Slot	Sixteen(16) Module Slots for AP-GSC32F	Sixteen(16) Module Slots for AP-GSC32, AP- GSC64	Octal(8) Module Slots for AP-GSC32	Octal(8) Module Slots for AP-N1-SIM32
LAN Port	2	2	2	2
Console	1	1	1	1
Power	Module Type Single PSU	Module Type Dual PSU	Single PSU	Single PSU



AP-N1-SIM32 GSM SIM Bank Modules

AP-N1-SIM32 GSM SIM Bank Module (Hot-Swap)

High-end
DSP

AP-N1-SIM32

32 GSM SIM Bank
Module



Hot-Swap Function Overview

High-end
DSP

- Hot-Swap Function

- To insert/delete a new GSM SIM Bank module while in-service state.
- Support push button switch for a GSM SIM Bank module Hot-Swap
- Support status check LED

Example : AP-GSS1500 GSM SIM Server



Hot-Swap Status LED

Push Button Switch for Hot-Swap

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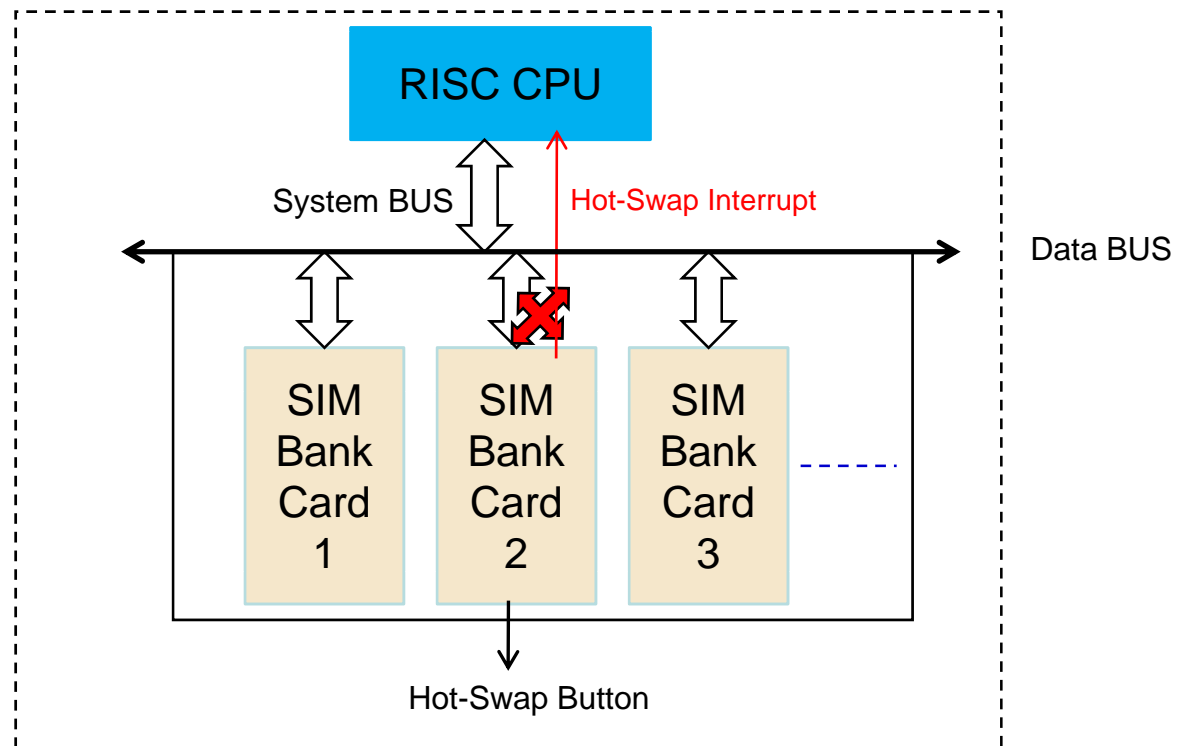
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System Architecture for Hot-Swap Function




Hot-Swap Procedure

1. Hot-Swap LED ON
2. Push Hot-Swap Button
3. CPU Hot-Swap Register Polling
4. Bit High -> Low
5. Terminate Card Program
6. Hot-Swap LED OFF

AddPac AP-GSS1500 GSM SIM Server



Example : AP-GSS1500 GSM SIM Bank Module Exchange

1		<p><Push Hot-Swap Button> Press Hot-Swap button for 3 seconds. LED will be turned off to remove the module.</p>
2		<p><Eject Module> Check the status of LED OFF. You may remove the module from VoIP Gateway safely.</p>
3		<p><Insert Module> You may install the module in GSM SIM Server safely.</p>

GSM SIM Server Series

Thank you!

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