

# Hot-Swap Function for GSM VoIP Gateway



**AddPac**

**AddPac Technology**

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# GSM VoIP Gateway Hardware Platform

# GSM VoIP Gateway Hardware Platform

Model	AP-GV3300	AP-GV3200	AP-GV3100	AP-GV2000
				
				
Available Modules	AP-N5-GSM8UI AP-N5-GSM8I AP-N5-GSM8SI AP-N5-1E1/T1 AP-N5-2E1/T1	AP-N5-GSM8UI AP-N5-GSM8I AP-N5-GSM8SI AP-N5-1E1/T1 AP-N5-2E1/T1	AP-N5-GSM8UI AP-N5-GSM8I AP-N5-GSM8SI	AP-N5-GSM8UI AP-N5-GSM8I AP-N5-GSM8SI AP-N5-1E1/T1
GSM Channel	Up to 48 Channel	Up to 40 Channel	Up to 32 Channel	Up to 24 Channel
Module Slot	Six(6) Module Slots for GSM,E1/T1 Module, etc	Five(5) Module Slots for GSM,E1/T1 Module, etc	Four(4) Module Slots for GSM Module, etc	Three(3) Module Slots for GSM, E1/T1 Module, etc
LAN Port	2	2	2	2
Console	1	1	1	1
Power	Single PSU	Single PSU	Single PSU	Single PSU



# GSM & VoIP Modules

# GSM & VoIP Modules (Hot-Swap)

High-end  
DSP

**AP-N5-GSM8xI** 8-Port GSM VoIP Module  
Individual Antenna



**AP-N1-2E1** 1~2 Port Digital E1/T1 Module



# Hot-Swap Function Overview

High-end  
DSP

- Hot-Swap Function

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

Example : AP-GV3200 GSM VoIP Gateway



Hot-Swap Status LED Push Button Switch for Hot-Swap

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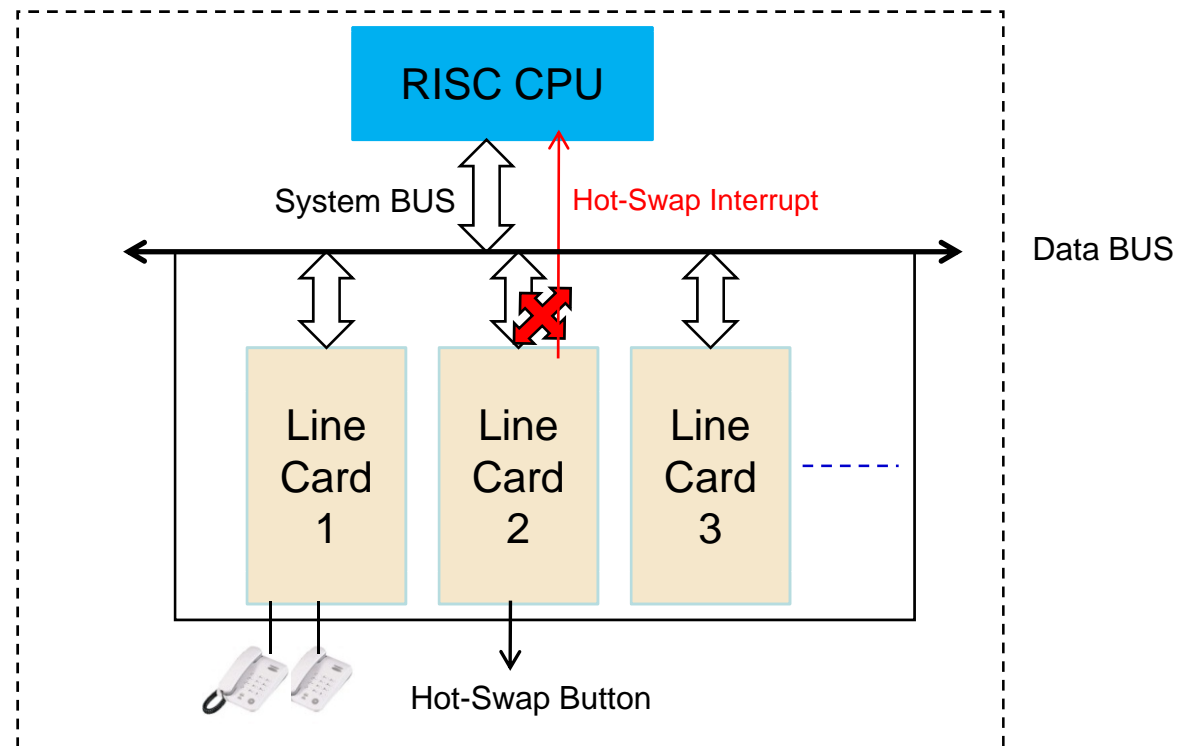
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# System Architecture for Hot-Swap Function

## 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 GSM VoIP Gateway





# Example : AP-GV3200 GSM Module Exchange

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

# GSM VoIP Gateway Series

# Thank you!

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