



# SmartVT™ (Virtual Terminal)

Advanced Remote Telnet Program  
for Private IP Terminal Control



MAC address	Group Id	User name	IP address	Model	Version	Status	GK status	GK cause	SIP proxy status	Latest report time
0002a4002834	5floor	AP200	10.1.1.3	AP200B	8.23H	UP	not registered	ConfigNo...	not registered	2007-01-26 5...
0002a4002946	5floor	Choi jin suk	10.1.1.2	AP200B	8.23H	UP	not registered	ConfigNo...	not registered	2007-01-26 5...
0002a40e72	5floor	AP100	10.1.1.1	AP100	8.41.008	DOWN	Registered		not registered	2007-01-22 5...

## AddPac

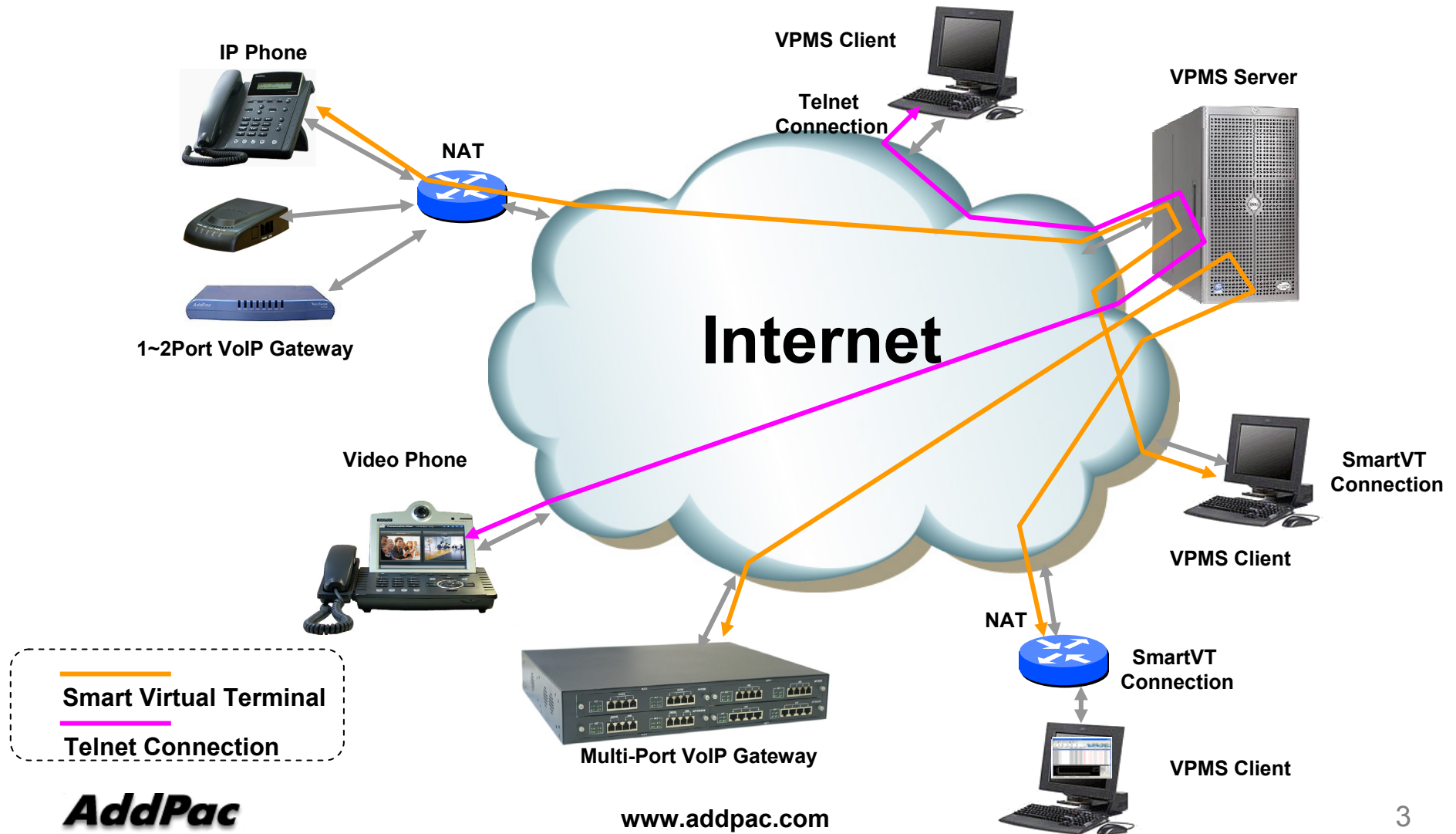
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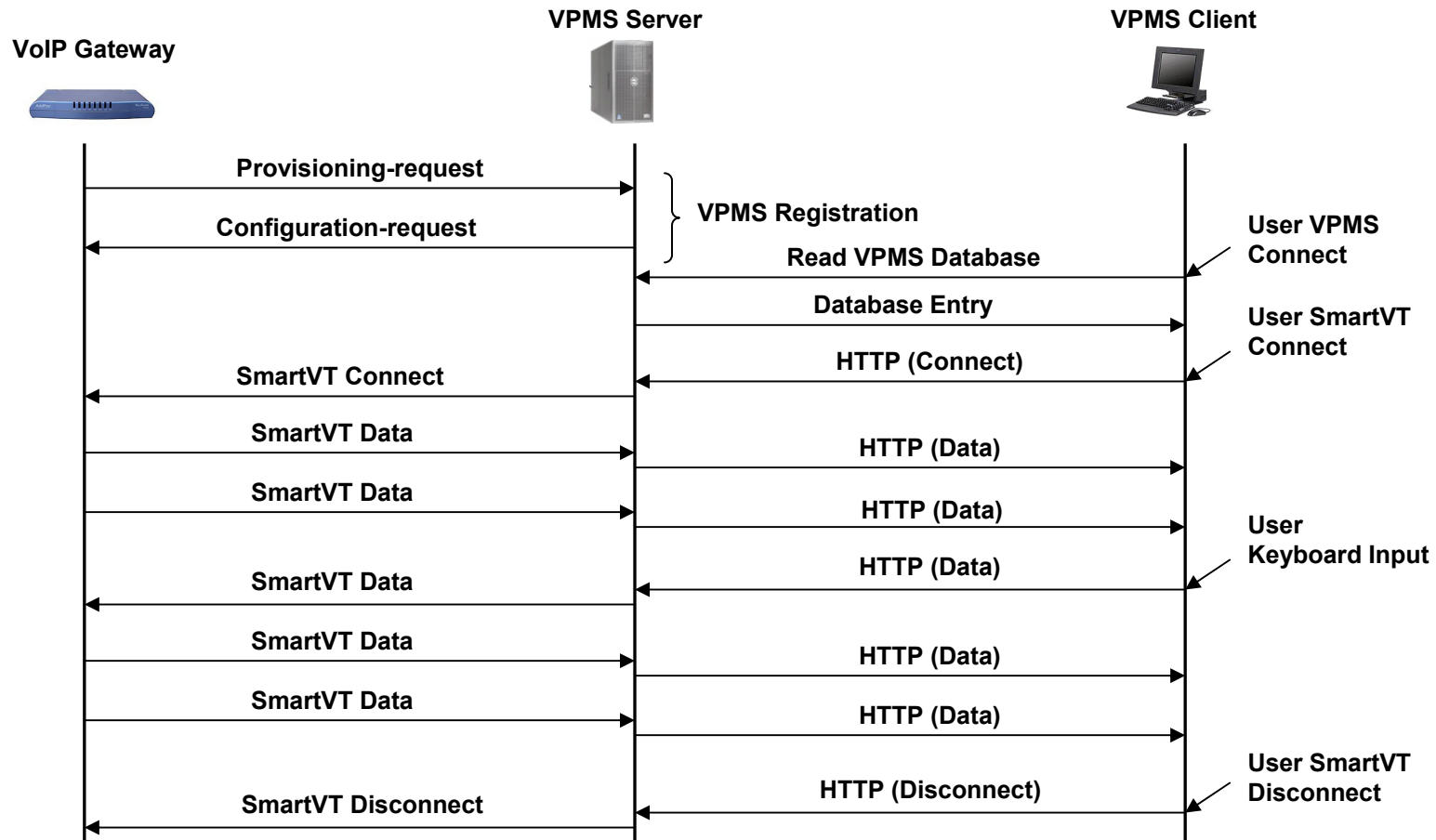
# SmartVT (Virtual Terminal)

- Combined SmartVT with AP-VPMS (VoIP Plug & Play Management System)
- Provide same CLI interface as Telnet or Console
- Support basic MD5 authentication
- Support VoIP Gateway in behind NAT
  - Use VPMS Control Channel
  - Exchange Keep Alive message between VPMS and VoIP GW to maintain UDP connection
  - UDP Message re-transmission
- Support window resize (APOS™ 2.0)
- Support copy-and-paste, logging
- Support user script importing

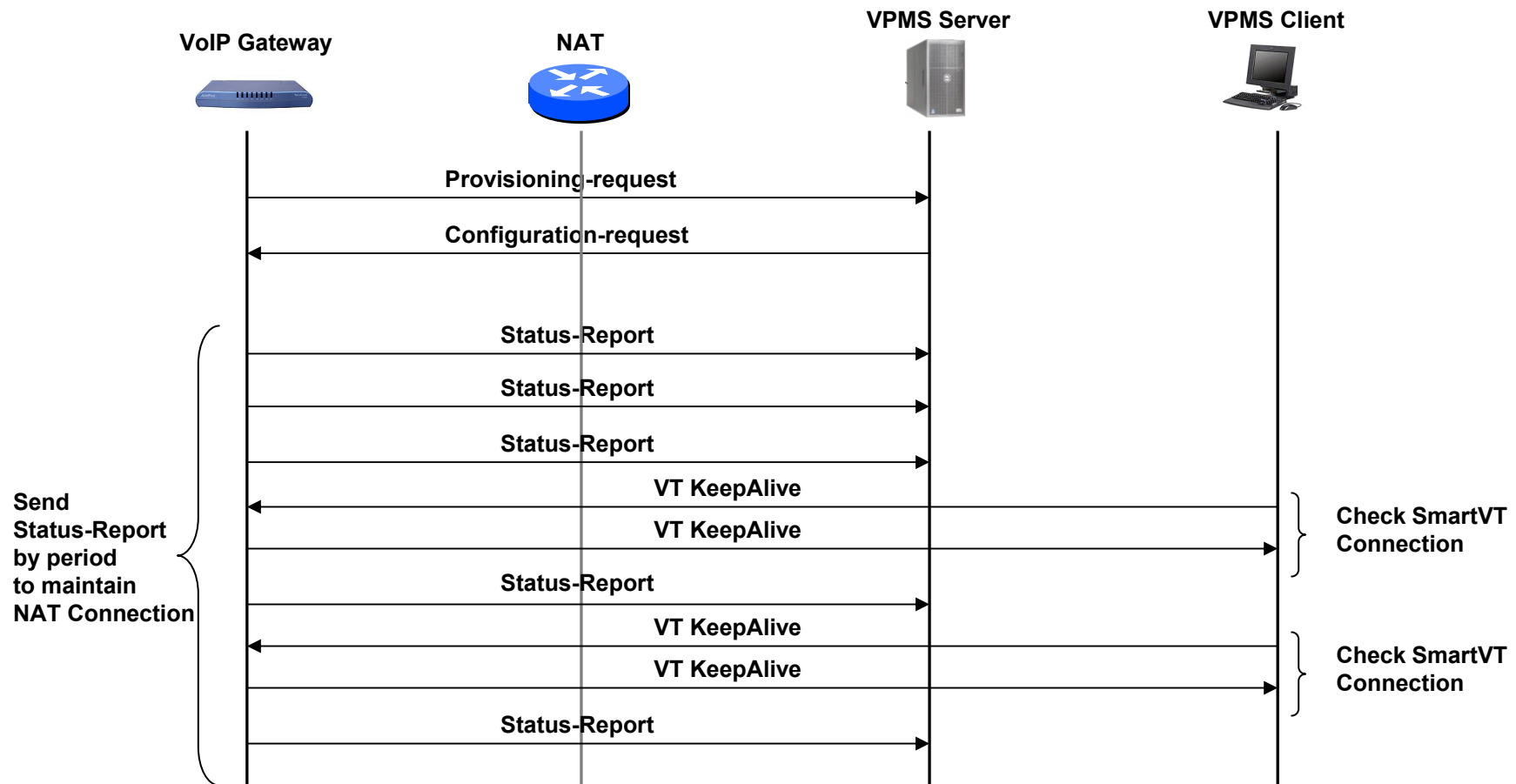
# Network Configuration



# SmartVT Message Flows



# SmartVT NAT Pass-through



# Smart Virtual Terminal ICON in VPMS

VoIP PnP Management System v2.5.0.2 - [Gateway is Group all]

File Management Search View Tools Statistics Help

New Modify Delete Login check Telnet **Smart VT** Call History Log History Close

MAC address	Group Id	User name	IP address	Model	Version	Status	GK status	GK cause	SIP proxy status	Latest report time
0002a40029d4	5floor	AP200	10.1.1.3	AP200B	8.23H	UP	not registered	ConfigAsNo...	not registered	2007-01-26 오...
0002a40029d6	5floor	Choi jin suk	10.1.1.2	AP200B	8.23H	UP	not registered	ConfigAsNo...	not registered	2007-01-26 오...
0002a4ffe72	5floor	AP100		AP100	8.41.008	DOWN	Registered		not registered	2007-01-22 오...

Status Chart

UP	2
Down	1
Provisioning	0
Not provisioning	0
Total	3

Chart Type:  Line  Pie

Time: Minute

2007-01-26 오후 10:18:10 Record count: 3 Administrator : administrator (root)

# Smart Virtual Terminal

The screenshot displays the VoIP PnP Management System v2.5.0.2 interface. The main window is titled "Gateway Management" and includes a menu bar (File, Management, Search, View, Tools, Statistics, Help) and a toolbar with icons for New, Modify, Delete, Login check, Telnet, Smart VT, Call History, Log History, and Close. A table on the left lists MAC addresses and Group IDs for three devices on the 5th floor. The "Smart Virtual Terminal" window is open, showing a terminal session with the command "show run" and its output, which includes configuration for a Cisco AP200, such as DHCP server settings and interface configurations. A "Status Chart" is visible in the bottom left, showing a line graph with a red line and a green line, with a label "(GW)1" and a time axis from 22:18:17 to 22:19:17. The bottom status bar shows the date "2007-01-26 오후 10:19:17", "Record count: 3", and "Administrator : administrator (root)".

MAC address	Group Id
0002a40028d4	5floor
0002a40029d6	5floor
0002a4ffe72	5floor

```
AP200# show run
!
version 8.23H
!
hostname AP200
!
!
no bridge spanning-tree
!
!
dhcp-list 0 type server
dhcp-list 0 address server interface ether0.0
dhcp-list 0 option dhcp-lease-time 600
!
dhcp-list 1 type server
dhcp-list 1 address server 10.1.1.2 10.1.1.126 255.255.255.128
!
!
ip-share enable
ip-share interface net-side ether0.0
ip-share interface local-side ether1.0
!
interface ether0.0
 ip address dhcp
-- more --
10.1.1.3
```



# Thank you!

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