

SmartVT™ (Virtual Terminal)

Advanced Remote Telnet Program
for Private IP Terminal Control



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

File Management Search View Tools Statistics Help

Gateway Management
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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		not registered	2007-01-26 오후 5:...
0002a4002946	5floor	Choi jin suk	10.1.1.2	AP200B	8.23H	UP	not registered	ConfigNo...	not registered	2007-01-26 오후 5:...
0002a40e72	5floor	AP100		AP100	8.41.008	DOWN	Registered		not registered	2007-01-22 오후 5:...

Status Chart

UP: 2
Down: 1
Provisioning: 0
Not provisioning: 0
DOWN: 0
Total: 3

Chart Type: Line
Time: Minute

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

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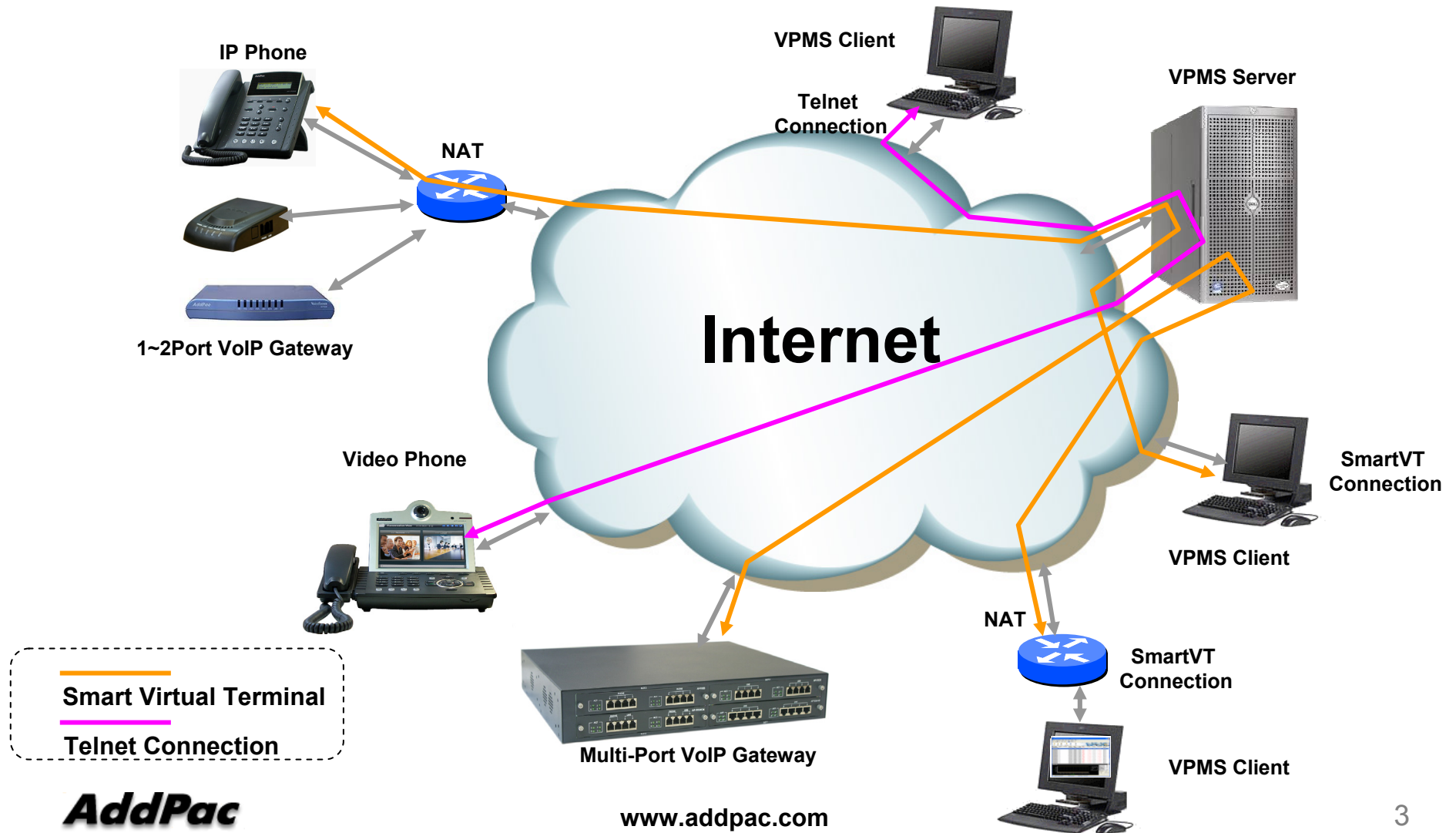
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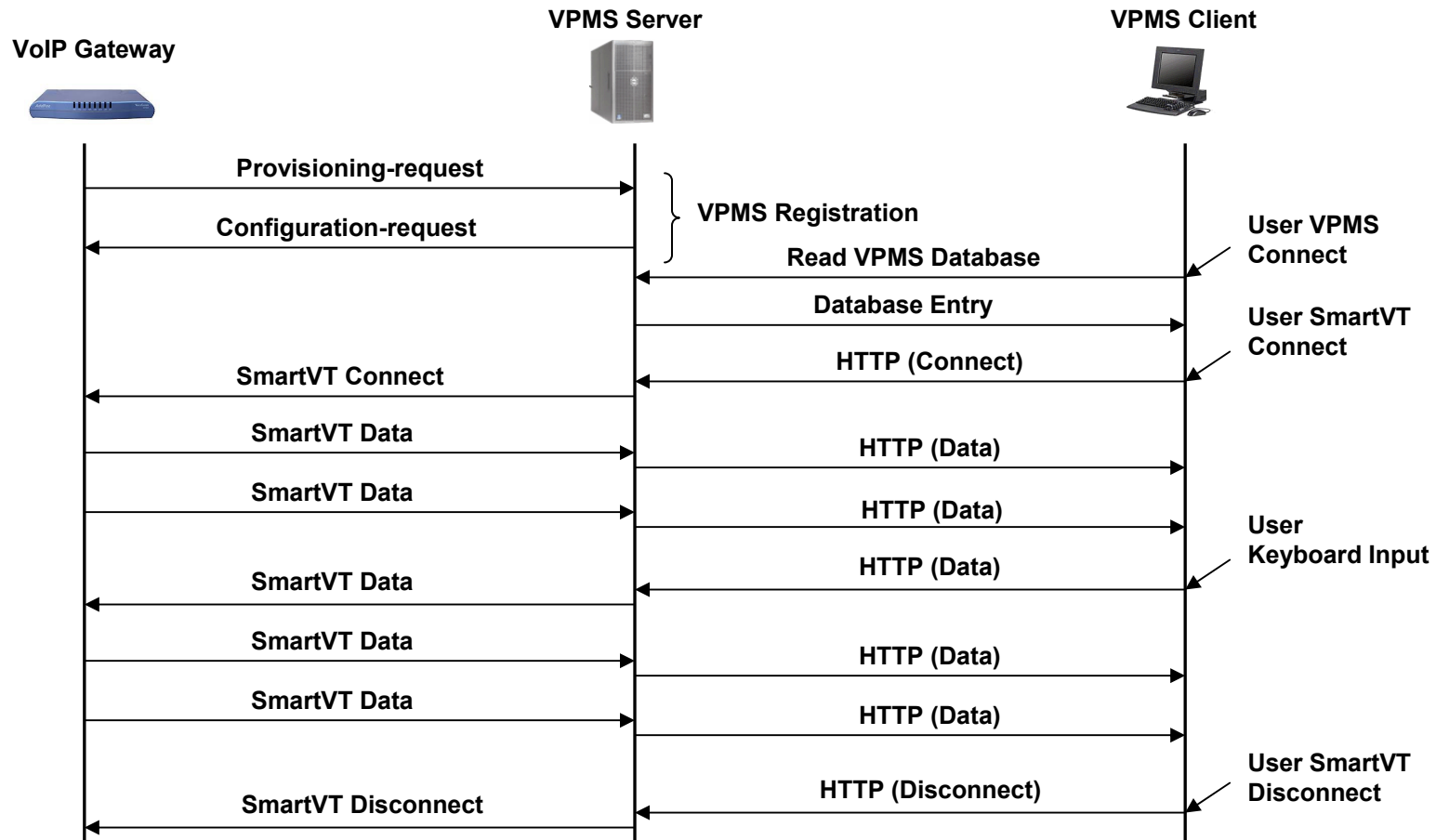
SmartVT (Virtual Terminal)

- 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

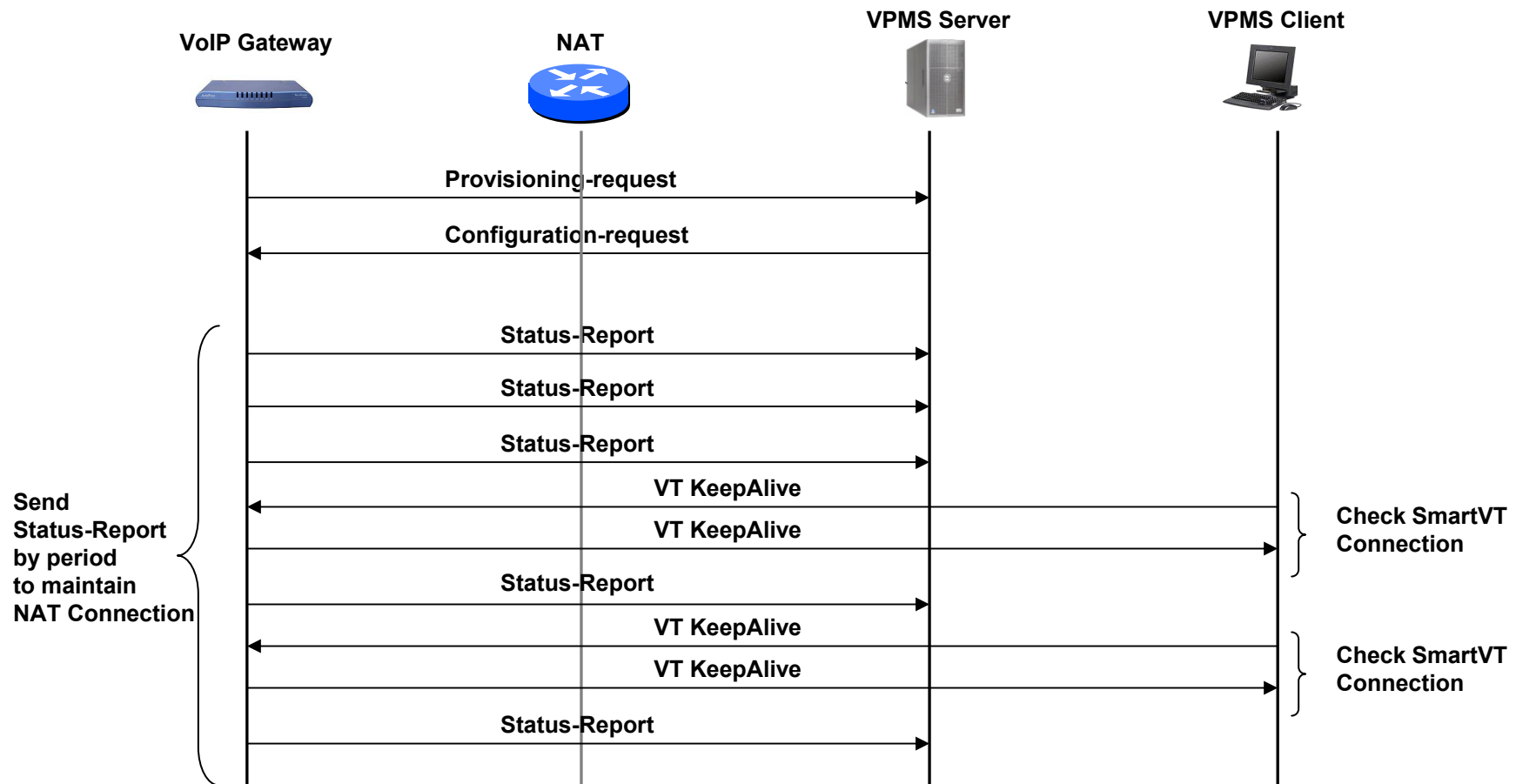
Network Configuration



SmartVT Message Flows



SmartVT NAT Pass-through



Smart Virtual Terminal ICON in VPMS

The screenshot displays the VoIP PnP Management System v2.5.0.2 interface. The title bar reads "VoIP PnP Management System v2.5.0.2 - [Gateway is Group all]". The menu bar includes "File", "Management", "Search", "View", "Tools", "Statistics", and "Help". The toolbar contains icons for "New", "Modify", "Delete", "Login check", "Telnet", "Smart VT", "Call History", "Log History", and "Close". The "Smart VT" icon is highlighted with a blue dashed box and an orange arrow pointing from the title above. Below the toolbar is a table with the following data:

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...

Below the table is a "Status Chart" section with a line graph showing device status over time. The legend includes "not Provisioning" (red), "Provisioning" (green), "DOWN" (orange), and "UP" (yellow). A summary table on the right shows the following counts:

Status	Count
UP	2
Down	1
Provisioning	0
Not provisioning	0
Total	3

The status chart shows a green line at level 1 (UP) and a red line at level 0 (DOWN). The x-axis represents time in minutes from 22:17:10 to 22:18:10. The bottom status bar shows "2007-01-26 오후 10:18:10", "Record count: 3", and "Administrator : administrator (root)".

Smart Virtual Terminal

The screenshot displays the VoIP PnP Management System v2.5.0.2 interface. The main window is titled "Smart Virtual Terminal" and shows a terminal session with the following configuration for an AP200:

```
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
```

The interface also includes a "Status Chart" showing a line graph with a value of 1.0 and a "Gateway Management" section with a table of gateway status:

Status	Latest report time
ed	2007-01-26 20...
ed	2007-01-26 20...
ed	2007-01-22 20...

At the bottom of the interface, the date is 2007-01-26 오후 10:19:17, the record count is 3, and the administrator is administrator (root).



Thank you!

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