



AP-VP700 HD Video Phone

High Performance Broadband Convergence Network HD
Video Phone Solution



Function (Soft) Key for IP-PBX Service

IP-PBX Application Service

AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

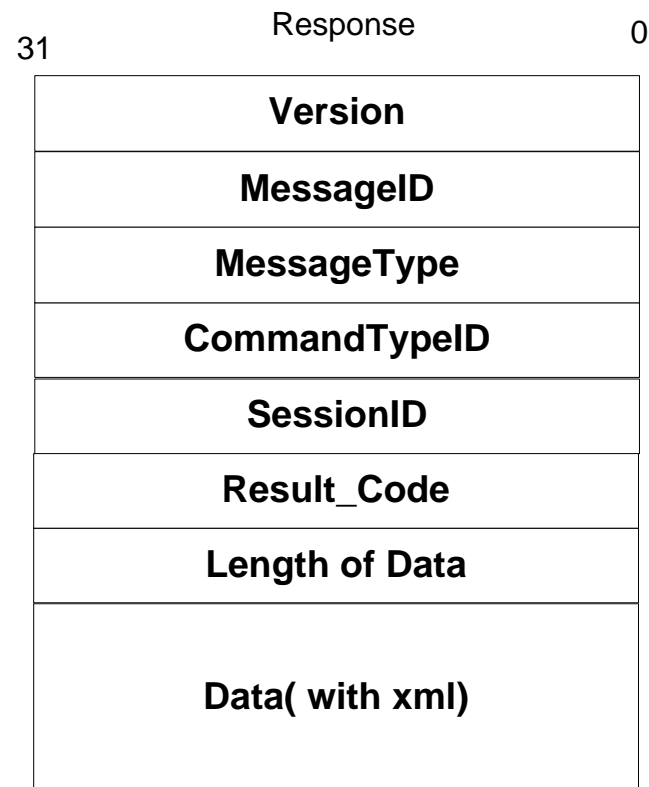
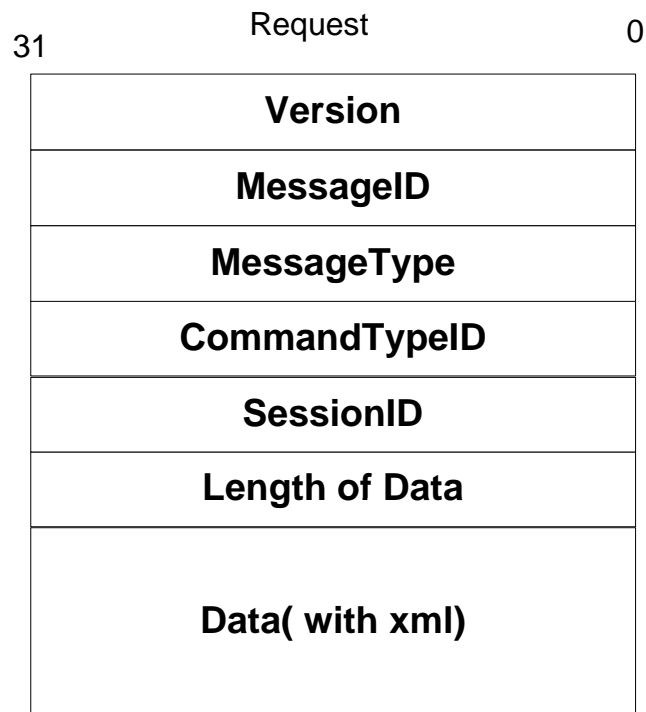
Contents

- SSCP Protocol for AddPac IP-PBX Application
 - What is SSCP Protocol ?
 - SSCP Message Format
 - SSCP Architecture between IP-PBX and IP Terminal
 - SSCP Message Example
 - SSCP Call Flow Example
- OSD Design Example for IP-PBX Application
- IP-PBX Terminal Service using Private IP or IPv6 Address
- Smart Messenger for AddPac IP-PBX and IP terminal

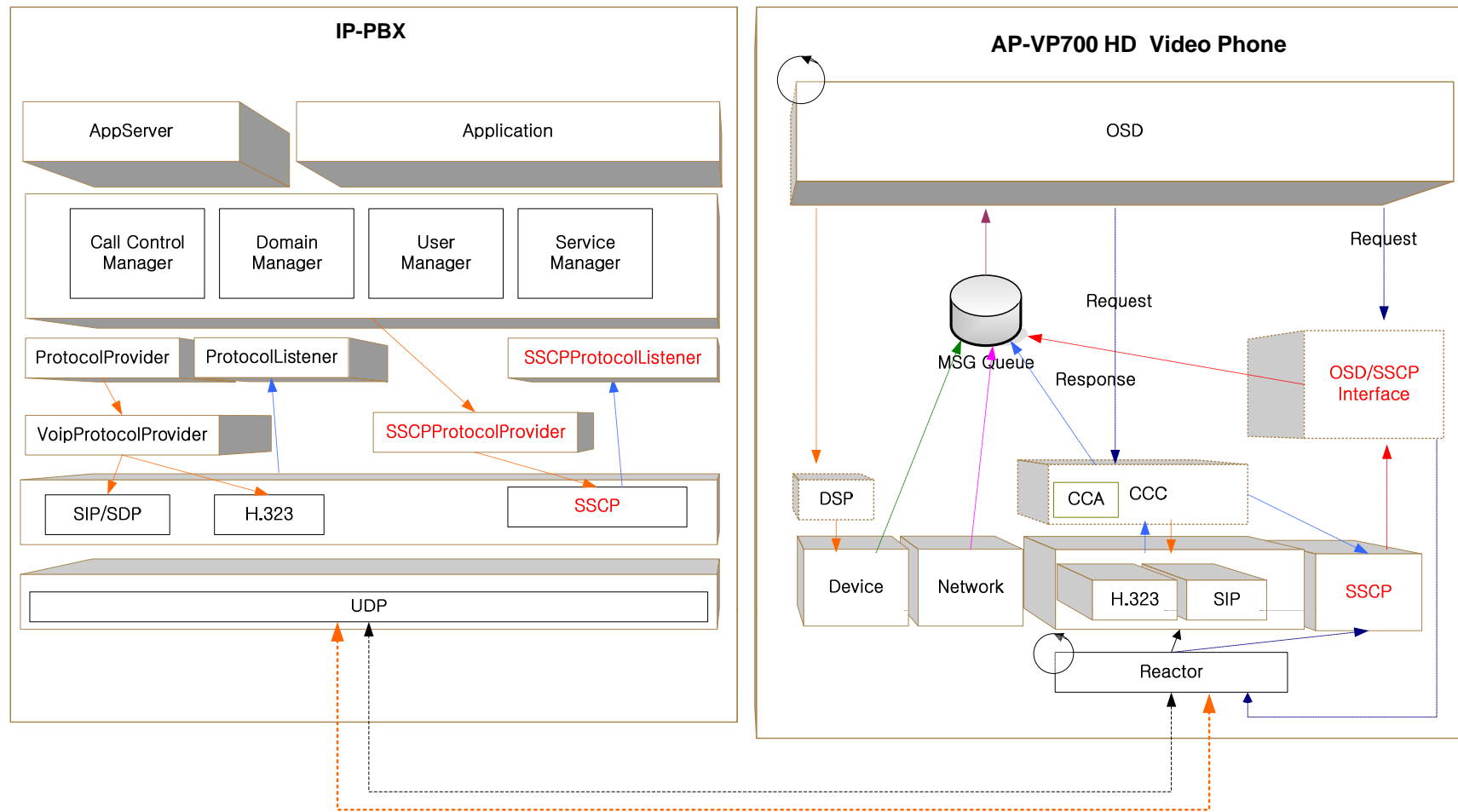
What is SSCP Protocol ?

- AddPac Propriety Protocol between IP-PBX and IP Terminal (IP Phone, Video Phone) for Smart IP Phone Application Service such as call transfer,etc
- Transport Protocol : UDP
- SSCP(Smart Service Control Protocol) Function
 - Registration
 - Phone Status
 - Event Processing
 - Soft Key, Phone Book, Voice Mail, Call History, etc
 - Phone Layout

SSCP Message Format



SSCP Architecture



SSCP Messages : Example

IP Phone ->IP-PBX

1	KeepAlive
2	TimeDate
3	ButtonTemplate
4	Version
5	SoftKeySet
6	Unregister
7	SoftKeyTemplate
8	Service

9	SpeedDial
---	------------------

```
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=SpeedDial>
  <SpeedDial number=3> </SpeedDialNumber>
</SSCP>
</xml>
```

10	Forward
----	----------------

```
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=Forward>
  <Address number=1012></AddressNumber>
</SSCP>
</xml>
```

11	HeadsetStatus
----	----------------------

```
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=HeadsetStatus>
  <Mode type="On/Off"></Mode>
</SSCP>
</xml>
```

12	SoftKeyEvent
----	---------------------

```
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=SoftKeyEvent>
  <Event id=1 name="Redial"></Event>
  <CallIdentifier id="01002007"></CallIdentifier>
  <Group id="23"></Group>
</SSCP>
</xml>
```

14	PhoneBook
----	------------------

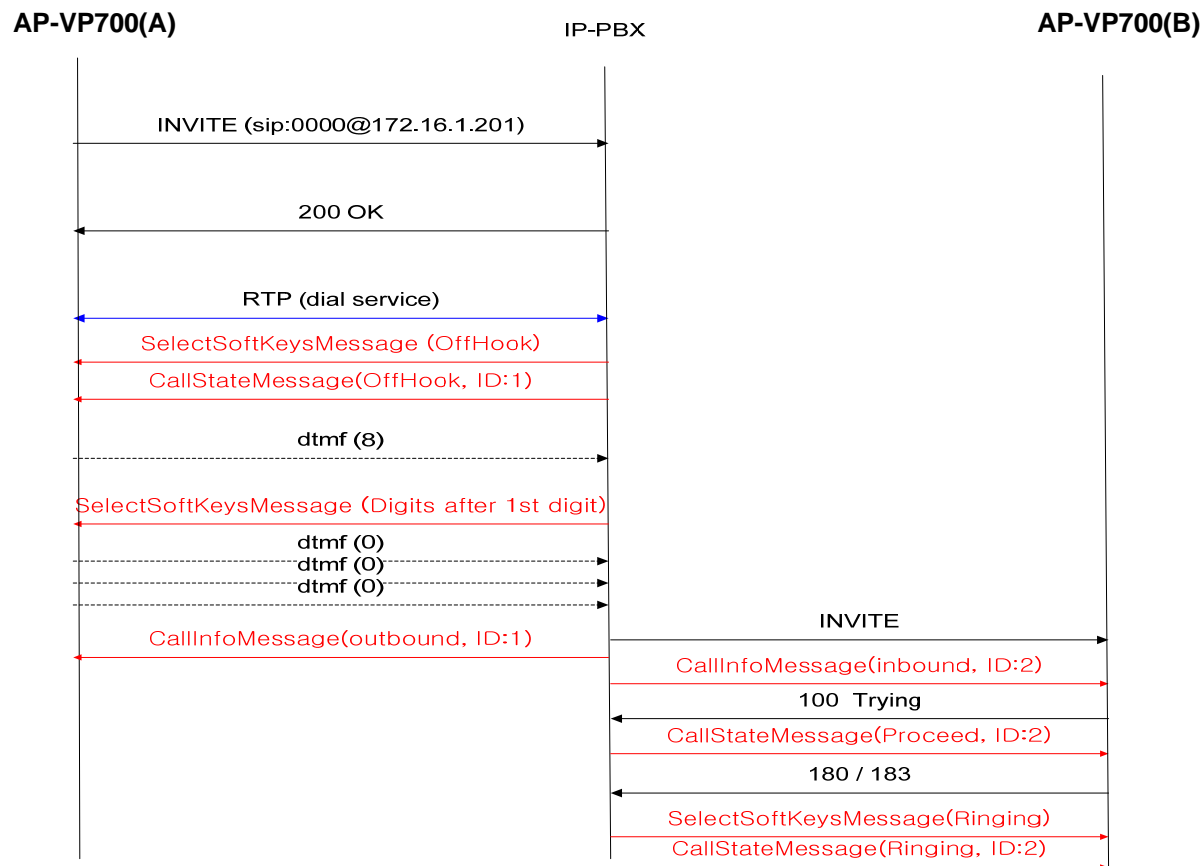
```
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=PhoneBook>
  <User id="test1012" lastname="kim" firstname="sangmi"></User>
</SSCP>
</xml>
```

softKeyEvent

- {1 , "Redial"},
- {2 , "NewCall"},
- {3 , "Hold"},
- {4 , "Trnsfer"},
- {5 , "CFwdAll"},
- {6 , "CFwdBusy"},
- {7 , "CFwdNoAnswer"},
- {8 , "BackSpace"},
- {9 , "EndCall"},
- {10 , "Resume"},
- {11 , "Answer"},
- {12 , "Info"},
- {13 , "Confrn"},
- {14 , "Park"},
- {15 , "Join"},
- {16 , "MeetMeConfrn"},
- {17 , "CallPickUp"},
- {18 , "GrpCallPickUp"},
- {19 , "Play"},
- {20 , "Store"},
- {21 , "Delete"},
- {0 , NULL}

SSCP Call Flow : Example

Basic Call Flow



OSD Design (Local View)



F1

F2

F3

F4

Redial Button

Group Call Pickup Button

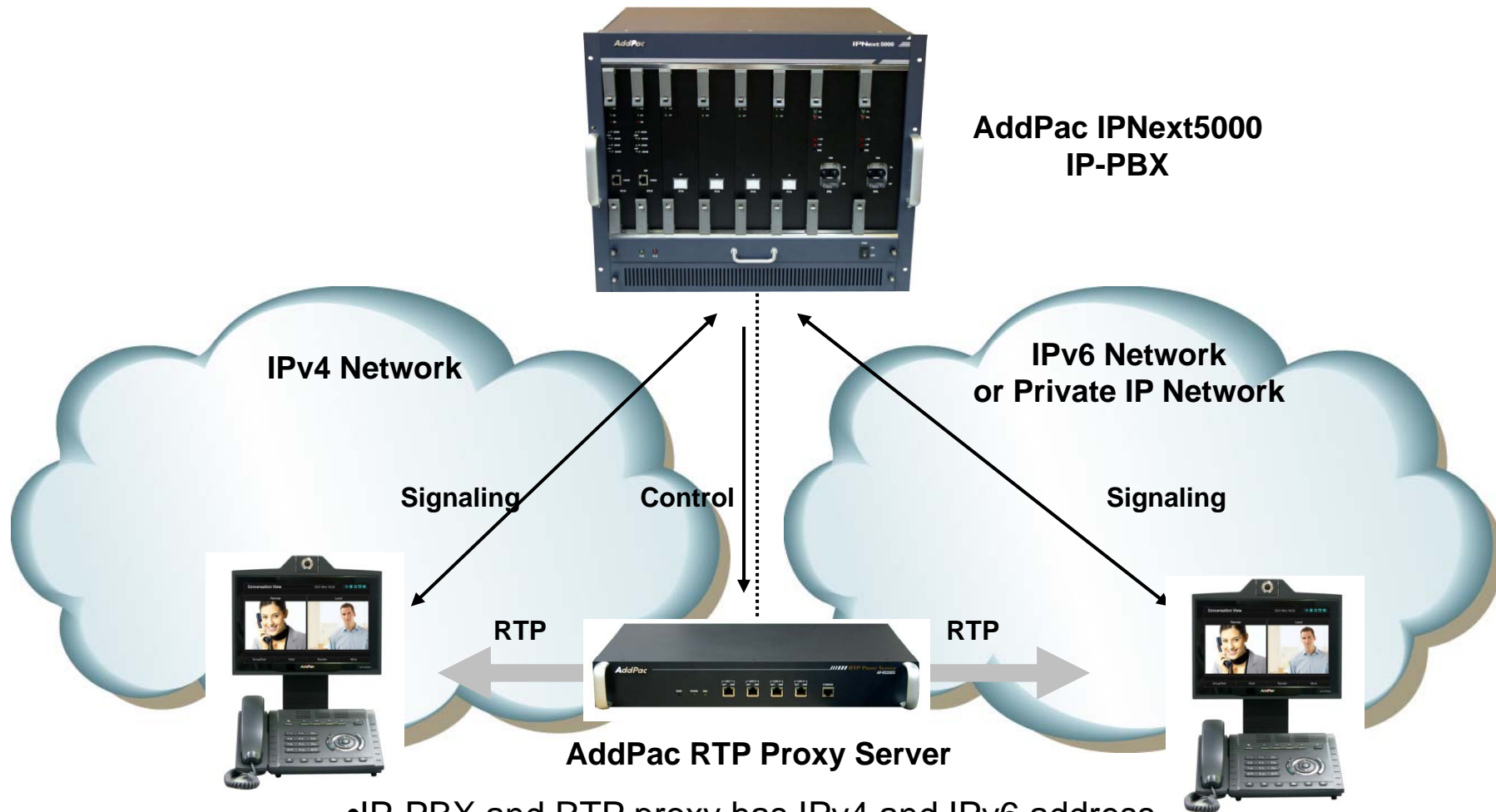
Call Pickup Button

Automatic Call Connection at Busy

OSD Design (Conversation View)



Private IP, IPv6 Address Support



- IP-PBX and RTP proxy has IPv4 and IPv6 address
- IP-PBX and RTP proxy has IPv4 and Private address

Smart Messenger

- Support Messenger Service
- Support Various Address Book
- Support User Presence Information
- Support User Search Feature
- Interoperation with Address Book and Smart Phone
- Support Smart Phone Control and Setup
 - Call Control and Forward Setup
- Support Unified Message Box
 - Voice Mail Box
 - Short Message Box



**AddPac IPNext600
IP-PBX**

AddPac

www.addpac.com



AddPac Smart Messenger



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com