

# Internet Telephony PBX System

**IPX-2000/1800 Series  
Direct Inward Dialing Configuration**



- **DID by extension**

- Binding both of DID & DOD (Direct Outward Dialing )
- All of the incoming calls (via this trunk) will be redirected to the specified extension.
- Only the specified extension could use this trunk to make a outbound call but others can't.

- **DID bynumber**

- The digits carried on the incoming calls (via this trunk) could be stripped first and then prefixed with predefined patterns.
- Outgoing calls will **no longer** be limited by a single private extension as DOD.
- Letting each extension look like a dedicated telephone line.

**:: SIP TRUNK MANAGEMENT**

Trunks Add New

Trunk Identifier	500
Description	DID
<input checked="" type="checkbox"/> Dynamic Peer	
Auth. Name	500
Auth. Password	•••
<input checked="" type="checkbox"/> Registration Required	
Outbound Routegroup	RG_DEF
<input type="checkbox"/> DID by Privilege	
DID of Extension	<div style="border: 1px solid black; padding: 2px;">100 101 102 <b>103</b> 104 105 200 <b>By Number</b></div>
DID Prefix	
DID Stripping	
Language	

Status:

Users can choose DID by an extension or by number in **SIP Trunk**.

# DID of an Extension in SIP Trunk

**:: SIP TRUNK MANAGEMENT**

Trunks **Add New**

Trunk Identifier	500
Description	DID
<input checked="" type="checkbox"/> Dynamic Peer	
Auth. Name	500
Auth. Password	••••
<input checked="" type="checkbox"/> Registration Required	
Outbound Routegroup	RG_DEF
<input type="checkbox"/> DID by Privilege	
<b>DID of Extension</b>	103
DID Prefix	
DID Stripping	
Language	English

Status:

Click an extension, say 103. The call from SIP trunk 500 will be directly connected to extension 103, and only extension 103 can call out via SIP Trunk 500.

**:: SIP TRUNK MANAGEMENT**

Trunks Add New

Trunk Identifier	500
Description	DID
<input checked="" type="checkbox"/> Dynamic Peer	
Auth. Name	500
Auth. Password	•••
<input checked="" type="checkbox"/> Registration Required	
Outbound Routegroup	RG_DEF
<input type="checkbox"/> DID by Privilege	
DID of Extension	By Number
DID Prefix	6
DID Stripping	2
Language	English
IVR List	

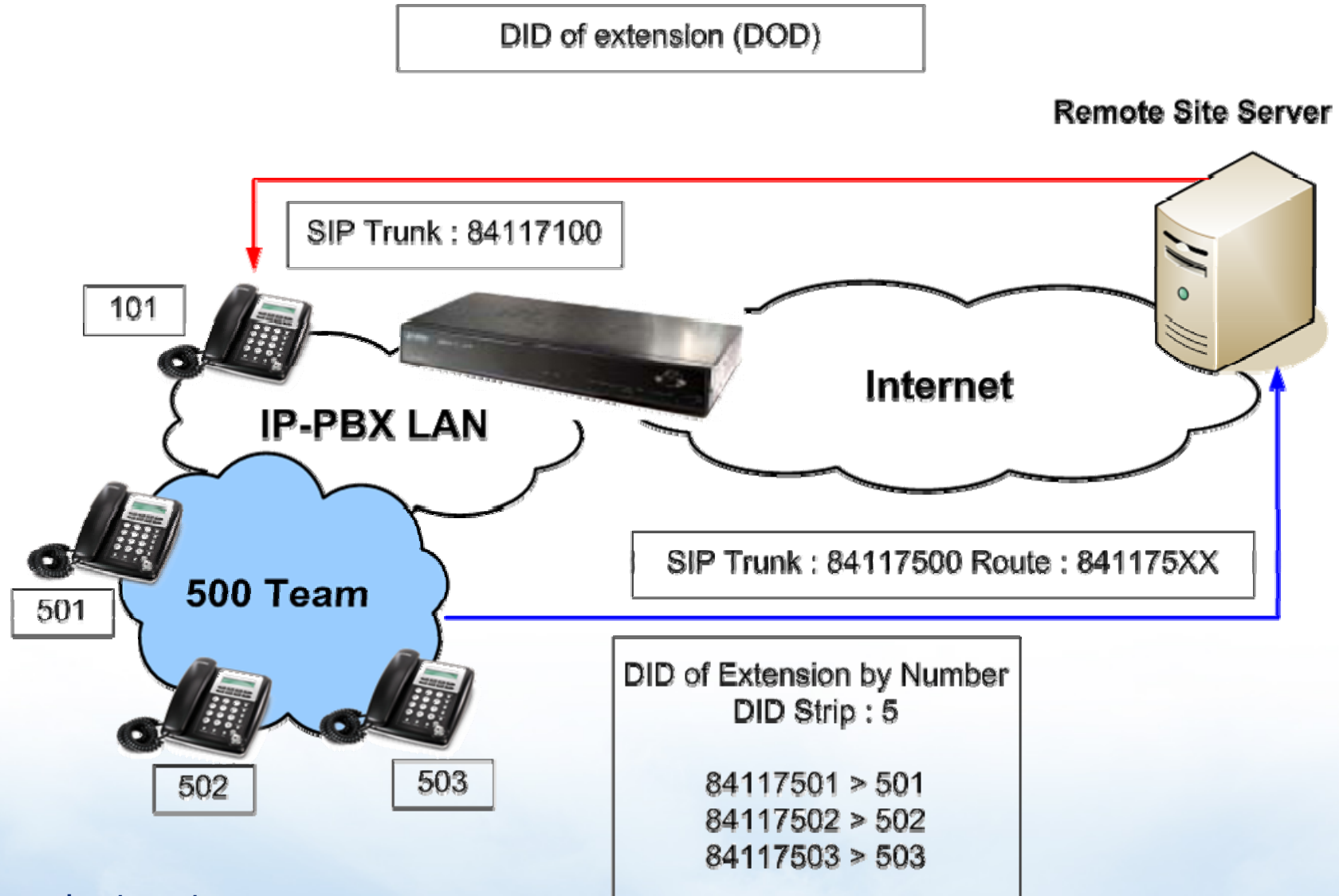
Status:

1. Click by number.

3. Enter the prefix pattern.  
(optional)

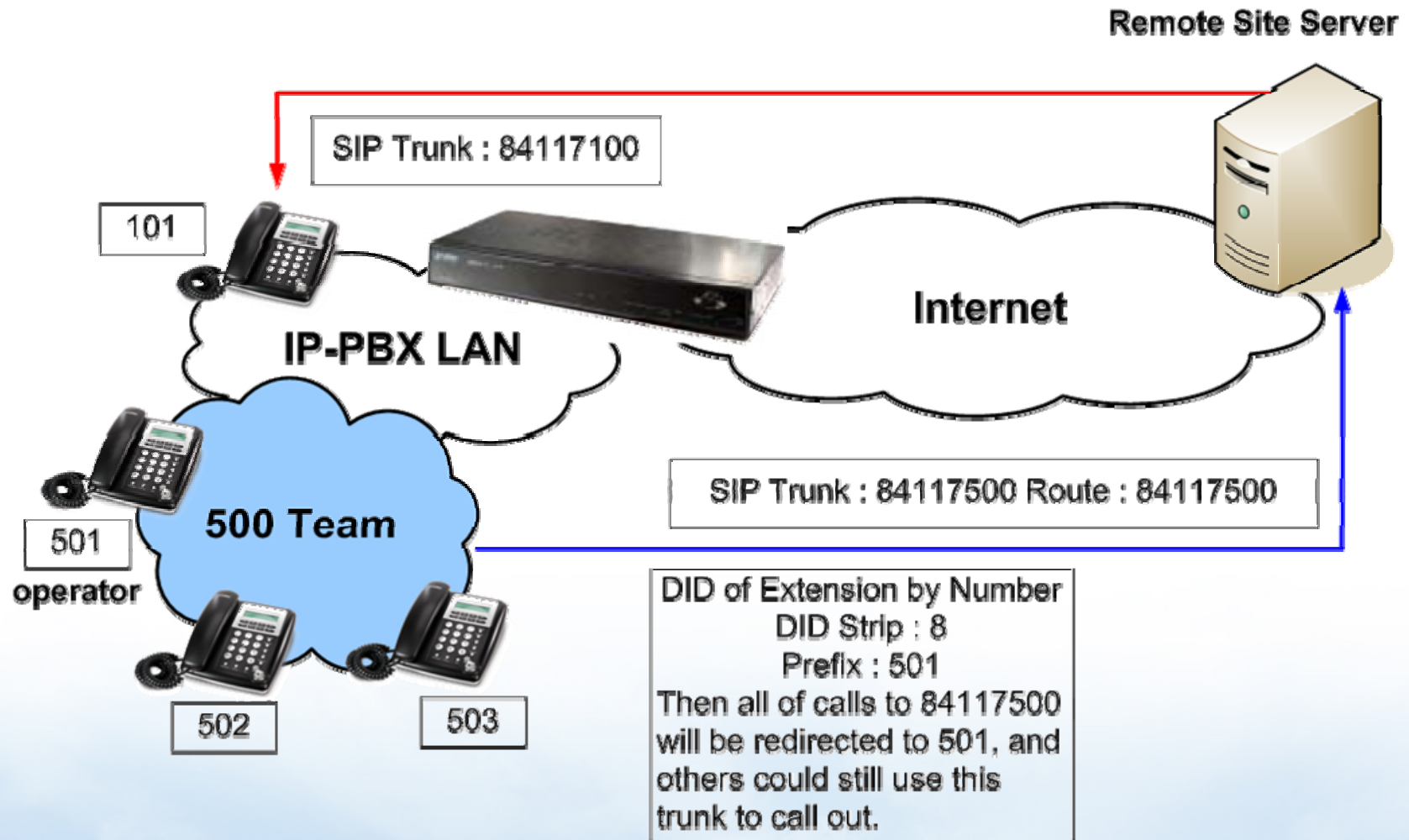
2. Enter the stripped digits.  
(optional)

# DID Example (1)

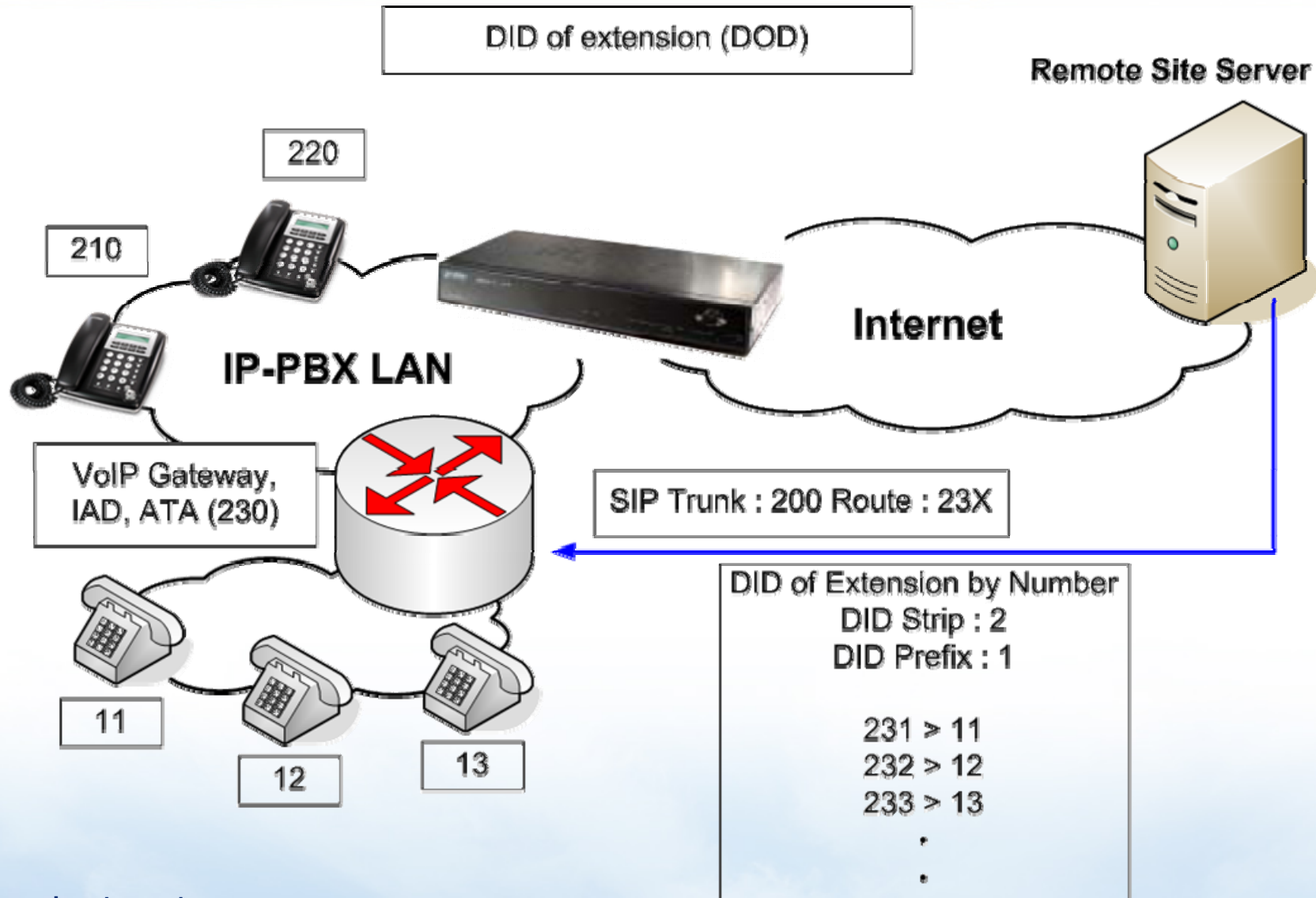


# DID Example (2)

DID of extension (DOD)



# DID Example (3)





**PLANET**  
Networking & Communication

## PBX System Setup Interface

Logout

MENU

- PBX System
  - System
  - Service
  - User Management
  - Device
  - Route Management
  - Trunk
    - SIP Trunk
    - Analog PSTN Trunk**
    - ISDN PSTN Trunk
    - Terminal Trunk
    - POTS Setting
  - Feature

### :: ANALOG PSTN TRUNK MANAGEMENT

Trunks Add New

Trunk Group: 1

Trunk Type: FXO

Trunk Ports: [ ]

Description: [ ]

Port Selection: Asc & Not Rotating

Caller ID Detection

Answering by Battery Reversal Detection

Outbound Routegroup: RG\_DEF

DID of Extension: [ ]

DID Prefix: [ ]

DID Stripping: [ ]

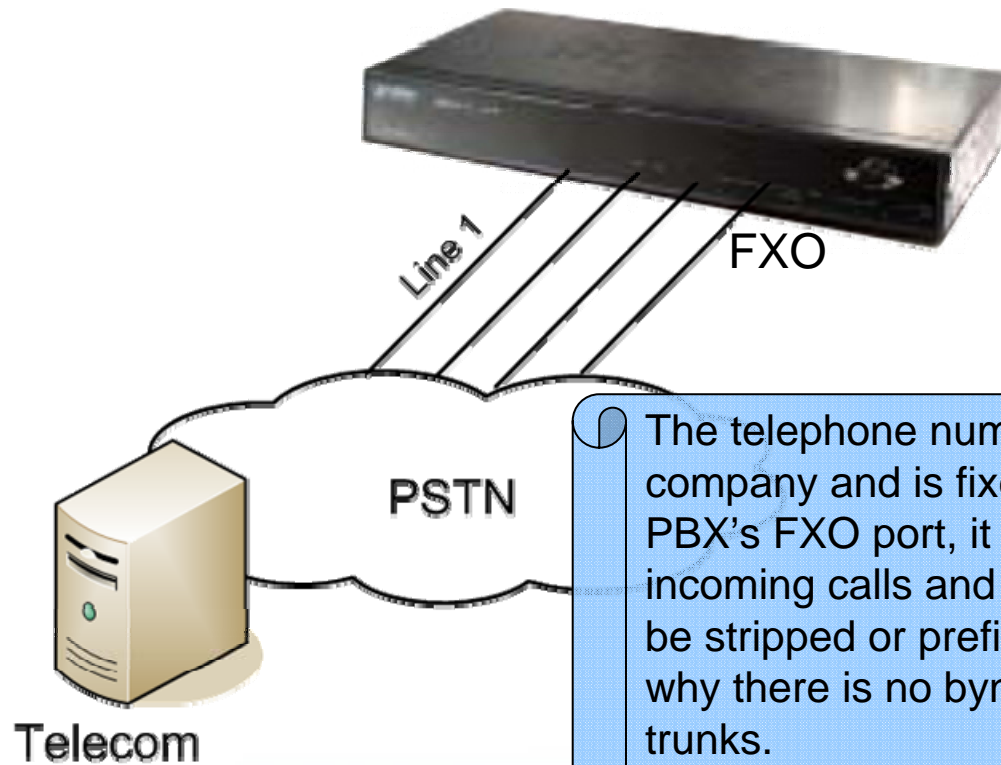
Language: [ ]

IVR List: [ ]

Status: [ ]

100  
101  
102  
103  
104  
111  
200  
222  
300  
333  
400

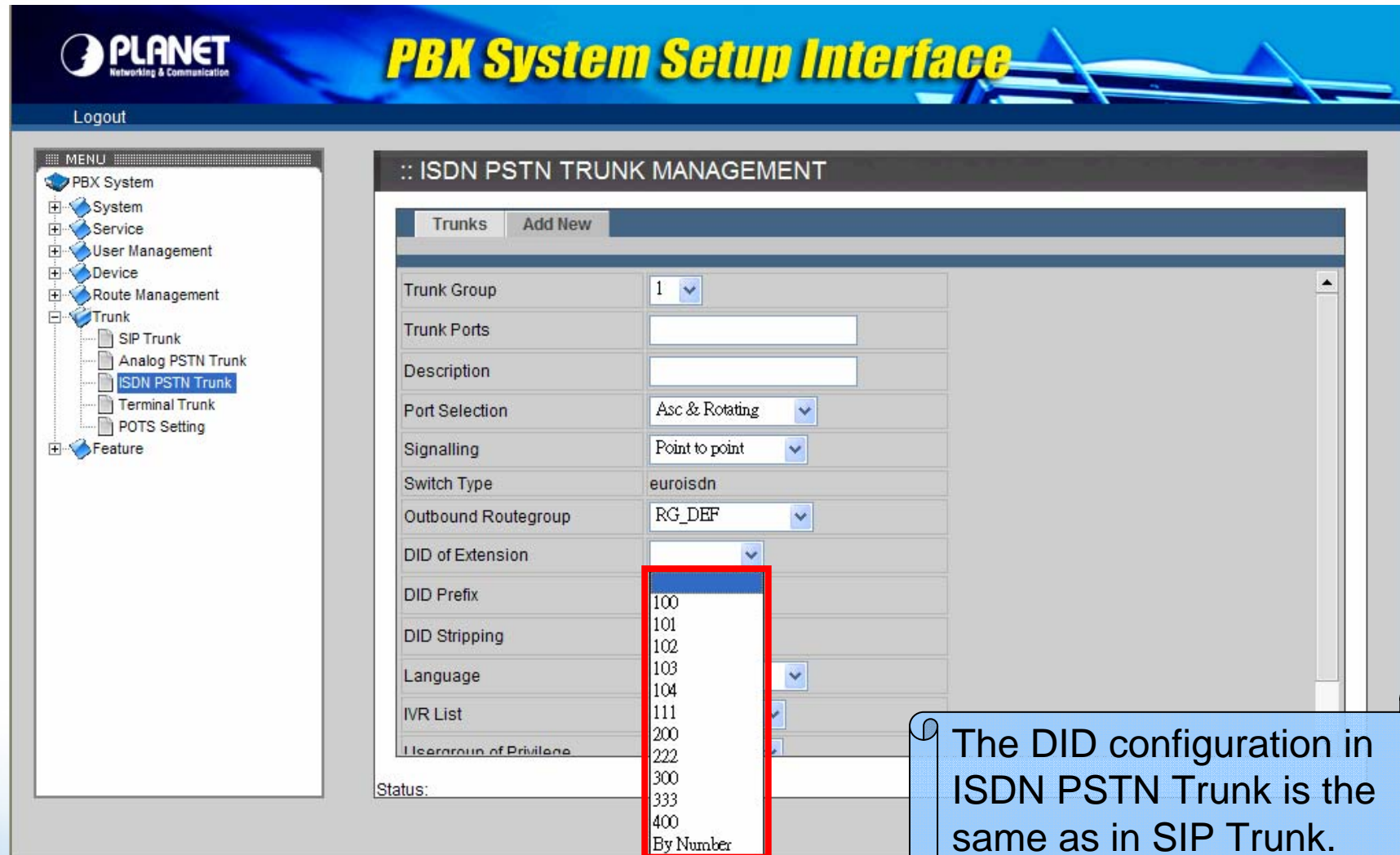
Why cannot see the bynumber in this list?



The telephone number is decided by a telecom company and is fixed on each PSTN line, As a IP PBX's FXO port, it just receives current on incoming calls and answers, hence no digits could be stripped or prefixed at that moment, and that's why there is no bynumber implemented on PSTN trunks.

Example:

Line 1: Its number is 89132070 and connect to FXO port 1, then FXO port 1 will always get the incoming call when others dial 89132070



**PLANET** Networking & Communication

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### :: ISDN PSTN TRUNK MANAGEMENT

Trunks Add New

Trunk Group	1
Trunk Ports	
Description	
Port Selection	Asc & Rotating
Signalling	Point to point
Switch Type	euroisdn
Outbound Routegroup	RG_DEF
DID of Extension	
DID Prefix	100
DID Stripping	101
Language	102
IVR List	103
Usergroup of Privilege	104
	111
	200
	222
	300
	333
	400
	By Number

Status:

The DID configuration in ISDN PSTN Trunk is the same as in SIP Trunk.

# ACTIVATING IP POWER

