# The Public vPBX Telephone Numbers and Direct Dialing In DDI

**Introduzione**

Here all public telephone numbers of the vPBX are listed.

For incoming calls from the public telephone network, the extension can be determined toward internal telephone numbers (Direct Dialing In DDI).

For outbound connections to the public telephone network the displayed telephone number (CLIP, CLIR) can be configured.

| | |
|---|---|
| **Nota** | Only the provider's VoIP System administrator/operator can create new or delete public telephone numbers for this vPBX. |

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# The Direct Dialing In DDI from a Public to an Internal vPBX Telephone Number

## The Aim of Direct Dialing In DDI

With dialing in an inbound connection toward a public telephone number is forwarded to the assigned internal vPBX telephone number.

The allocation of  an internal destination is carried out either:

◊ Manually within this list ( as described below)
◊ Automatically, during the creation of an internal telephone number range when the intern telephone number correspond with the last digits of the public telephone number.

This procedure is described in  "Internal Telephone Number of the vPBX" .

| Nota | If a public vPBX telephone number has no assigned an internal destination then incoming calls to this public vPBX telephone number are rejected. |
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## Preparing a Numbering Plan for the vPBX

It is recommended that for the vPBX a numbering plan is prepared. The numbering plan shows how incoming calls are to be forwarded to the internal vPBX telephone numbers.

Example of a vPBX numbering plan:

Public Number Range of the vPBX

012 34567 00 - 99

Public vPBX Numbers:          Internal vPBX Numbers:

012 34567 10  ——→  10   Main Number, Secretary
012 34567 11  ——→  11   FAX

012 34567 21  ——→  21   Direct Number Employee 1
012 34567 22  ——→  22   Direct Number Employee 2
012 34567 23  ——→  23   Direct Number Employee 3
012 34567 24  ——→  24   Direct Number Employee 4

012 34567 30  ——→  30   Direct Number Distribution "Support"
                           31   Distribution  "Support D E"
                           32   Distribution "Support F"
                           41   Supporter 1
                           42   Supporter 2
                           43   Supporter 3
                           44   Supporter 4

Based on this preparation  the internal telephone numbers can be generated and the direct dialing in be configured.

## Manual Configuration of the Direct Dialing In

Configure for a public telephone number a direct dialing in destination:

1. Click the row of the desired public telephone number
2. A dialog box pops up, which allows to:
   - With parameter "Internal Destination" select an internal telephone number
   - With parameter "Name" enter a descriptive name of the telephone number

## Create Additional or Delete Public vPBX Telephone Numbers

Only the system administrator/operator of the provider can create new or delete public telephone numbers for this vPBX.

# Display the Telephone Number at the Called Party Side (CLIP, CLIR)

For outgoing connections via a public vPBX telephone number can be determined how the identity has to be displayed on the called side:

- ◊ Supplied by the telephone itself or the assigned public telephone number from the internal telephone number configuration.
- ◊ The call is displayed as anonymous (CLIR).
- ◊ The public telephone number is displayed, which is used for the call (CLIP).

A supplied display name from the telephone itself or from the internal telephone number configuration is deleted in any case!

## Configure the Identity for Outbound Connections

Configure the identity for outgoing calls via a public telephone number:

1. Click the row of the desired public telephone number
2. A dialog box pops up, which allows to:
   - With parameter "Suppres own number" can be configured whether your telephone number must be displayed or not.

# Configuration

## Where to Configure this Feature

As vPBX administrator:

→ Register "Extern"

## Parameter Configuration

### Parametro: Name

| | |
|---|---|
| **Descrizione:** | Defines a name to describe the public telephone number |
| **Configurazione:** | Stringa di configurazione:<br><br>◊ Any string |
| **Predefinito:** | None |
| **Versione:** | AdminCenter V5.9 |

### Parametro: Internal Destination

| | |
|---|---|
| **Descrizione:** | Defines to which internal telephone number of the vPBX an incoming call on this public telephone number must be forwarded. |
| **Configurazione:** | Menu di scelta:<br><br>List of the internal telephone numbers of the vPBX |
| **Predefinito:** | (No Destination) |
| **Versione:** | AdminCenter V5.7 |

### Parametro: Suppress own Number

| | |
|---|---|
| **Descrizione:** | Defines which telephone number to be displayed at the called side:<br><br>◊ "Do not change"<br>The information provided by the telephone or vPBX telephone number of the caller is transferred unchanged<br>◊ "Yes"<br>The telephone number is always suppressed (CLIR).<br>◊ "No"<br>The public telephone number, which is used for the call is displayed (CLIP). |
| **Configurazione:** | Menu di scelta:<br><br>Do not change<br>Yes<br>No |
| **Predefinito:** | Do not change |