

Name identity

DESCRIPTION



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GENERAL

The calling/connected name identity function is used to assign a name to the following types of objects:

- Analog extensions
- ACD Groups
- PBX Groups
- DNIS numbers
- Individual PBX operators
- Generic extensions

The name identity function is also used to assign the common company name to a particular customer only in case of ISDN T1 DMS100/250 protocol. If this common company name has been defined, it will have higher priority than an individual name of the calling party.

The name identity function is also used to assign the name to a particular route. If this route name has been defined, it will have lower priority than an individual name of the calling party.

The name identity function is also used to assign a list name to the following type of object (in this case it is used as a name shown in idle state):

- Personal number list

In addition, there is also a public subscriber name feature (a.k.a. "alpha-tagging"), which can associate public calling party number with a name. These names are however not configured via the name identity commands, see instead the Operational Directions for EXTERNAL DATABASE and for EXTERNAL DIRECTORY. These functions use external databases, where the public names are queried.

The name assigned to a specific number is presented in the user's display together with this number, both in the same row. The number display presentation has priority over the name display presentation. So if the length of the number exceeds the length of the display field reserved to show it, only the number will be displayed. The field reserved to display the name characters will be occupied by the exceeding digits of the number and, therefore, the name will not be shown.

This function is performed at incoming and outgoing external calls, in case of the length of the number received from network exceeds the length of the field reserved in the display to show it.

At idle state and internal traffic the name displaying is not affected by the length of number, because the directory numbers on their own never exceed the reserved display area.

Examples of number length exceeded:

Outgoing call

The space for showing the number is exceeded, for example, in transit calls when several external destination prefixes are needed to reach the terminating party.

In a network with three different exchanges (A, B and C). STALLONE, with directory number 5500 in exchange A, calls to PAUL NEWMAN, with directory number 6000 in exchange C. The call is performed through a transit exchange (B). The external destinations 0612 (from exchange A to B) and 0623 (from B to C) are dialed.

The display of STALLONE will show:

Calling...	12:30	12 Jan 2003
P Newman	061206236000	

three row graphical display;

Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
Calling...			12:30	12 Jan 2003
			S Stallone	5500
P Newman	061206236000			

upto six rows; graphical display

Incoming call

In the example above, the exchanges B and C add a prefix to the received calling party's number. So the display of PAUL NEWMAN will look as follows:

P Newman	6000	12:30	12 Jan 2003
S Stallone	0621 06325500		

three row graphical display

Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
S Stallone	062106325500	12:30	12 Jan 2003	P Newman 6000

upto six rows; graphical display

For the telephones with graphical display, the name has higher priority than the number.

Generally, name and number are displayed in the same field, the first, left aligned and the second, right aligned. A 20 character name will be displayed and the remaining space in the field will be used to display as many digits of the number as possible.

If it is clearly expected that a 20 character name will not leave any space to display the number, a 10 character name will be displayed (according to the name presentation rules: show first name/show second name). If the number of digits that can be displayed is less than 5 the number is not shown at all. If there is no name nor number, a text string will be shown instead: corporate/external/anonymous.

Name presentation examples:

- a) If the name is STALLONE:

STALLONE

- b) If the name is TOM CRUISE:

TOM CRUISE

- c) If the name is MARLON BRANDO, there are two possibilities to display ten characters name presentation, chosen by command, and another possibility to display twenty characters name presentation:

M BRANDO

MARLON B

MARLON BRANDO

- d) If the name is SYLVESTER STALLONE, there are also two possibilities to display ten characters name presentation, chosen by command, and another possibility to display twenty characters name presentation:

S STALLONE

SYLVESTER

SYLVESTER STALLONE

Display examples:

Examples of how the display looks with the name facility are shown below:

- a) Idle state. When idle, the display of MARLON BRANDO with directory number 8000 will show:


Marlon B	8000	12:30	12 Jan 2003
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three row graphical display


Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
				12:30 12 Jan 2003
				Marlon B
				8000

upto six rows, graphical display

- b) Idle state, programming of direct diversion accepted. MARLON BRANDO with directory number 8000 programmes a direct diversion to STALLONE with directory number 5500. When idle, the display of MARLON BRANDO will look as follows:

Marlon B	8000	12:30	12 Jan 2003
 Diverted to	5500		

three row graphical display

Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
				12:30 12 Jan 2003
				Marlon B 8000
 Diverted to	5500			

upto six rows, graphical display

- c) Outgoing call. STALLONE makes an outgoing call to MARLON BRANDO with directory number 8000. The display of STALLONE will show:

Calling...	12:30 12 Jan 2003
Marlon B	8000

three row graphical display


Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
Calling...			12:30 12 Jan 2003	
			S Stallone 5500	
Marlon B				8000

upto six rows, graphical display

- d) Outgoing call to a party with diversion on busy TOM CRUISE calls to STALLONE who has a diversion on busy programmed to MARLON BRANDO with directory number 8000. The display of TOM CRUISE will show

 5500 >Busy	12:30 12 Jan 2003
Marlon B	8000

three row graphical display

Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
 5500 >Busy			12:30 12 Jan 2003	
			Tom C 7000	
Marlon B				8000

upto six rows, graphical display

- e) Incoming call STALLONE with directory number 5500 calls to TOM CRUISE. The display of TOM CRUISE will show:


		12:30 12 Jan 2003
Sylvester S	5500	

three row graphical display


Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
			12:30	12 Jan 2003
			Tom C	7000
Sylvester S	5500			

upto six rows, graphical display

- f) Incoming call from a diverted on busy party. MARLON BRANDO with directory number 8000 calls to STALLONE with directory number 5500. STALLONE has a diversion on busy programmed to TOM CRUISE. The display of TOM CRUISE will look as follow:

	Sylvester S	>Busy	
Marlon B			8000

three row graphical display

Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
	Sylvester S	>Busy	Marlon B	8000

upto six rows, graphical display

- g) Personal Number list with the name 'On business trip'. MARLON BRANDO with directory number 8000 has Personal Number with a list named, 'On business trip' active. The idle display of MARLON BRANDO's telephone will look as follows:

MARLON B	8000	10:30 12 Jan 2003
On business trip		

three row graphical display

Settings	CallList	<input type="checkbox"/>	PhoneBook	WAP Services
On business trip				10:30 12 Jan 2003
				MARLON B
				8000

upto six rows, graphical display

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CAPACITY

The number of names which can be stored in the data base is the same as the number of extensions, PBX group and PBX operators in the LIM and the maximum number of DNIS numbers in the system.

When storing and processing names the length is limited to 65355 unicode characters for name1 and 65355 unicode characters for name2.

For correct format at printout the name1 and name2 lengths are limited to 20 unicode characters each.

The command for configuring names impose a limit of 20 unicode characters each for name1 and name2.

External protocols and available space on display may impose stricter limitation

Note: Depending on the user's telephone set 10 or 20 characters of the name might be displayed, see above section General, Name presentation examples.

Note: The Name identity function does not work on the display of Remote extension.

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HARDWARE

A telephone with appropriate display, but otherwise there is no special hardware for this facility.