

Quick Reference Guide: The Trunks Database for the Web

The Infortel Select Trunks database lets you assign your trunk routes to facilities based on common billing features. For example, if you have several trunks that use a specific carrier, you may create a facility and designate a rating method just for them. The data source(s) you specified during the installation process will appear in the left pane of the **Trunks Database** screen.

ADDING TO THE TRUNKS DATABASE

Adding a Facility

The data sources specified during the installation process will be displayed in the left pane of the **Trunks Database** screen, and are the highest levels in the Trunks database hierarchy. These cannot be edited. Below data source, is facility. A facility is a group of trunks that share a common rating method. Since countries have their own unique rate tables, billing descriptions, and call types, when creating a facility, you are able to select the country where that facility is located.

Note: Once the new facility is saved, the country field cannot be modified. If you need to change the country, you must delete that facility and create a new one with the correct country.

Usually, trunk members that use the same carrier are in the same facility; however, you may need to define more than one facility for each carrier if there are different types of lines, storage options, billing descriptions, etc., associated with some of the trunk members. Data for the line ID types and for the billing classes is loaded at the time your Infortel Select system is installed.

The first step in creating the Trunks database is adding a facility. To add one, follow these steps:

1. In the left pane of the **Trunks Database** screen, highlight the data source to which you want to add a facility. In the right pane, the **Add Facility** dialog box will appear.
2. Enter a unique name in the **Facility Name** text box.
3. From the **Line ID** list box, select the type of line to associate with the facility. Select one the following line IDs:
 - C/O - Standard Line
 - COA - Standard Line with Ans. Sup. (Answer Supervision)
 - DID - Incoming Line
 - Tie - Tie Line
 - SDN - Software Defined Network
 - SDA - Software Defined Network with Ans. Sup. (Answer Supervision)

Tip: You are able to define as many facilities for a data source as needed to logically sort line IDs for billing purposes.

Note: If you are setting up a facility to track internal calls, use **Tie** as the Line ID.

4. Select the **Check here if all long distance calls...** check box if your PBX requires you to dial "1" before a ten-digit call outside the home area code. If you check this box, then you must dial "1" before making calls outside your home area code in order for the system to rate

them correctly.

- From the **Country** list box, select the country where the trunk is located.

Note: Once the new facility is saved, the country field cannot be modified. If you need to change the country, you must delete that facility and create a new one with the correct country.

- From the **Billing Description** list boxes, select a billing description for the base cost and each of the billing classes for the facility.

- The base cost is the actual cost of the call.
- Depending on the billing class selected, Infortel Select will, based upon the extension or extension range specified in the Directory database, or Account code specified in the Accounts database, calculate the billed price of the call using a different billing description.

Note: You must at least select a billing description for the Base Cost and Default Billing billing class names.

- In the **Home Area Code** text box, the area code for the selected data source is displayed.
- In the **Area Codes** text boxes, enter other area codes that can be dialed with a seven-digit call. These text boxes hold all the area codes that you use to make local calls within a particular facility.
- When you finish entering information, click the **Add Facility** button. When you do this, the new facility is added to the Trunks tree, and the text and list boxes clear to allow you to add another facility.

-or-

- Click the **Save** button. When you do this, the new facility is added to the Trunks tree, and the entries will remain displayed with the label for the screen changing from New Facility to Edit Facility.

Adding a Route

The Infortel Select Trunks database lets you assign your trunk routes to facilities based on common rating methods. For example, if you have several trunks that use a specific carrier, you may create a facility and designate a rating method just for them.

Before creating a trunk route, it is useful to identify those routes that use a common billing method and put them each into a separate facility. To add a trunk route, follow these steps:

- In the **Trunks Database** screen, highlight the facility where you want to add a trunk route.
- Click the **Add Route** button, and the **Add Route** screen will appear.
- Enter a unique trunk route name in the **Route Name** text box.
- In the **Route ID** text box, enter a unique ID number.
- In the **Member Range Start** and **End** text boxes, enter the beginning and ending numbers in the range of trunk members. These are optional, and the numbers do not have to be unique.

Note: In order to maintain accurate Trunk Analysis reports, the starting number must be lower than the ending number.

- In the **GMT Offset** list box, select the time zone of the gateway's location.

Note: This list box only appears in a system using Cisco CallManager.

7. Select the **This Gateway's Time Zone** check box if where the gateway is located uses daylight savings time.

Note: This check box only appears in a system using Cisco CallManager.

8. When you finish entering information, click the **Add Route** button. When you do this, the new route is added to the Trunks tree, and the text and list boxes clear to allow you to add another route.

-or-

9. Click the **Save** button. When you do this, the new route is added to the Trunks tree, and the entries will remain displayed, with the label for the screen changing from New Route to Edit Route.

Adding a Route Range

If your PBX supports trunk routes (for example, Siemens or Mitel) instead of trunk members, you are able to add a number of routes at the same time.

To do this, click the **Add Route Range** button at the **Add Facility** or **Add Route** screens, and the **Add Route Range** screen will appear. To add a range of trunk routes, follow these steps:

1. In the Trunks tree, highlight the facility to which you want to add the range of trunk routes.
2. Click **Add Route Range**, and the **Add Route Range** dialog box will appear.
3. In the **Start** text box enter the first Identifier number in the range.

Note: In order to maintain accurate Trunk Analysis reports, the starting number must be lower than the ending number.

4. In the **End** text box enter the last Identifier number in the range.

Note: In order to maintain accurate Trunk Analysis reports, the ending number must be higher than the beginning number.

5. Enter the Access Code(s), if necessary, in the appropriate text boxes.
6. Click the **Save** button, and the new trunk routes will appear in the Trunks tree.

EDITING THE TRUNKS DATABASE

To edit a level in the Trunks database, follow these steps:

1. Highlight the facility or trunk route in the Trunks database tree.
2. The chosen level will appear in the right-hand pane of the **Trunks Database** screen.
3. Make the desired changes, and click the Save button.

Note: Once a facility is created, the country field cannot be modified. If you need to change the country, you must delete that facility and create a new one with the correct country.

DELETING FROM THE TRUNKS DATABASE

When deleting a level from the Trunks database tree, **be aware** that all levels below the chosen level will be deleted as well. To delete a level from the Trunks database tree, follow these steps:

1. Highlight the facility or trunk route in the Trunks database tree.
2. The chosen level will appear in the right-hand pane of the **Trunks Database** screen.
3. Click the **Delete** button, and a Confirm Delete message appears. Click **Yes** to delete, or **No** to cancel the delete.

Note: All levels subordinate to a deleted level will be also deleted!

TRUNK LISTINGS

After selecting the **Trunk Listings** menu item, a **Parameter Listing** screen containing **OK** and **Cancel** buttons will appear. When you click the **OK** button, a **Listing Format** dialog box appears where you can specify the format of the listing, and enter an email address or addresses for emailing the listing.

The trunk listing lists all data sources, facilities, and routes used in your system.

Send: Click this button to begin generating the listing and, if applicable, send the listing to the recipient specified in the Address text box.

Cancel: Click this button to close the dialog box without saving any information.

Show Listing in Browser as HTML: Select this option to have the listing display in your browser.

Show Listing in Browser as PDF: Select this option to have the listing display with Acrobat Reader.

Send Listing as Email: Select this option if you want to send the listing as an email. When this option is chosen, a **Listing Format** list box appears where you can specify the format of the emailed listing:

- Rich Text Format (RTF)
- Acrobat (PDF)
- HTML

In addition, text boxes display that let you specify:

- The E-mail address
- A subject
- A message to be sent with the listing

UNDEFINED TRUNKS

Incoming or outgoing calls that don't have a corresponding trunk route ID in the CDR stream and in the Trunks database are considered undefined and will not be stored or priced.

To view these undefined Trunk Route/Member combinations, follow these steps:

1. In the **Trunks Database** screen, click the **Help** menu.

2. Next, select the **Undefined Trunks** menu item.
3. The **Undefined Trunks** dialog box will appear.

In this dialog box, you will see the data source the call came in on as well as the trunk route and member IDs. In addition, the date the undefined trunk was discovered is displayed.

Data Source: This column lists the data sources where the undefined trunks are located.

Trunk: This column lists the trunk route and member IDs that the calls came in on. In addition, the date the undefined trunk was discovered is displayed.

Note: The trunks are listed in the following format: XXX.YYY where trunks (XXX) and members (YYY) are separated by a period.

Discovered: This column lists the date the undefined trunk was found.

Purge List: Click this button to delete the undefined trunks information. Usually, this is done after the calls have been reprocessed, or if you decide not to reprocess the calls at all.

Print: Click this button to print the information in the undefined trunk table.

Close: Click this button to close the screen without saving any changes.

If you want to define the displayed IDs, follow these steps:

1. Add the Trunk Route and Member IDs to the Trunks database.
2. Reprocess the raw data in Data Manager.
3. Rerun the Undefined Trunks utility.

Reprocessing Raw Files

Raw call records are call records in the original format received from the PBX. Infortel Select stores raw call records for a period defined by the user at the **Define Purge Schedule** dialog box.

In certain cases, you may wish to reprocess the raw call records. In this case, the **Reprocess** function performs the following:

- Call records for the dates specified are purged from the call storage database
- Calls are processed and priced
- Calls are stored in the call storage database.

To use this function, follow these steps:

1. At DataManager, click the **Processing** menu, select **Reprocess raw file**, and, if you are in a multi-client environment, a dialog box asking you to select the desired client from the list box will appear. Select a client.
2. From the **Data Source** list box, select the data source for the raw file or files you want to reprocess.
3. Select the desired file(s).
 - To select more than one sequential file, highlight the first file in the series by clicking on it, and while holding down the **Shift** key, click the last file in the series.
 - If the files are not sequential, select each file while holding down the **Ctrl** key.
4. Click the **OK** button.



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