

DIAL OUT NOTIFICATION

QUICK INSTALLATION GUIDE



Chapter 1 - Installing and Licensing Dial Out Notification

Chapter 2 - Configuring Dial Out Notification

Chapter 2

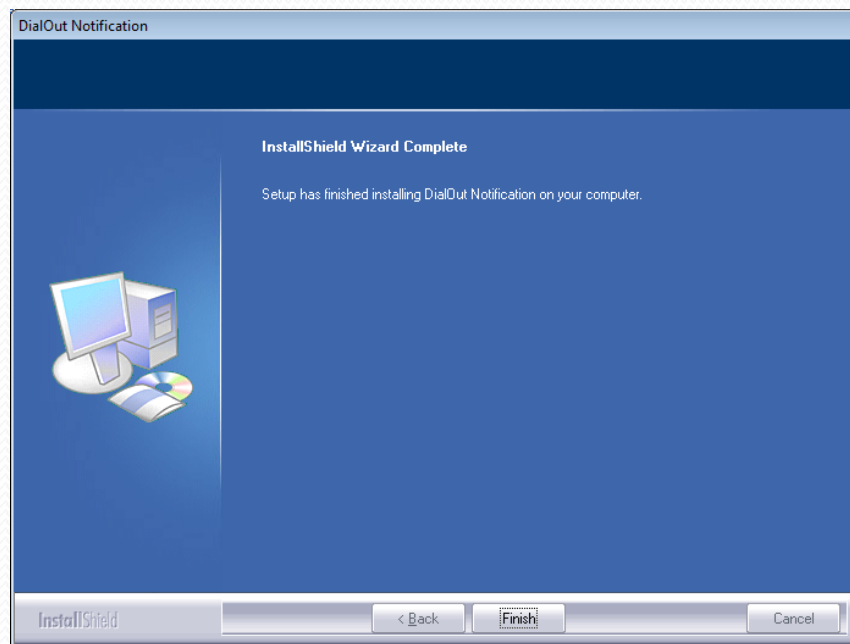
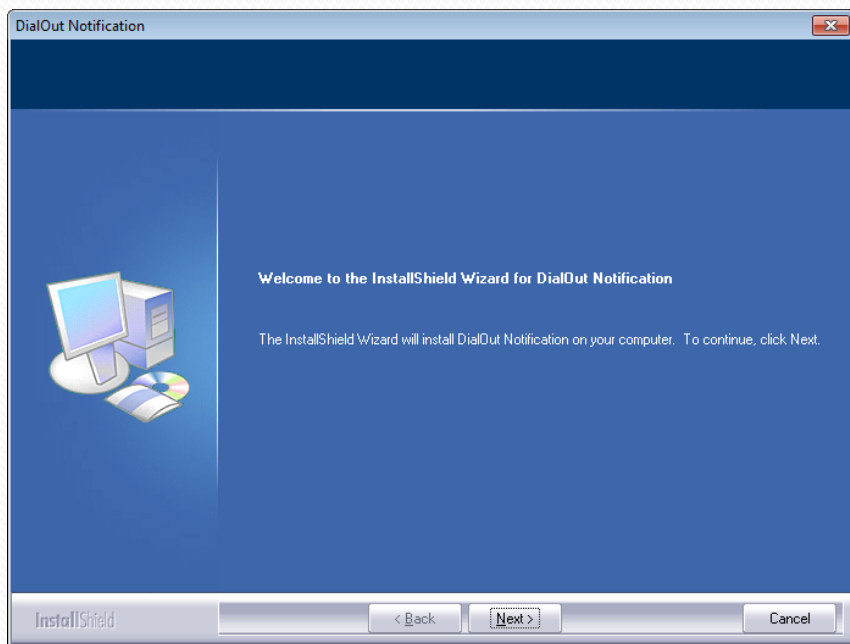
INSTALLING AND LICENSING DIAL OUT NOTIFICATION

System Requirements

- Panasonic KX-TDE/ NCP/ NS
- Operating System – Windows 7, Windows 8/ 8.1, Windows Server 2008, Windows Server 2012
- CPU – Intel® Core™ 2 Quad at 2.83 GHz
- RAM – 2 GB
- HDD – 100 GB free disk space

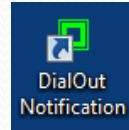
Copy the DialOut Notification Setup.exe on the Server Host PC where it will be installed.

All you have to do is to follow the installation wizard.



Licensing Dial Out Notification

Go to Start menu -> Programs -> Polrys -> DialOut Notification and click on DialOut Notification shortcut, or click on the DialOut Notification shortcut from the Windows Desktop



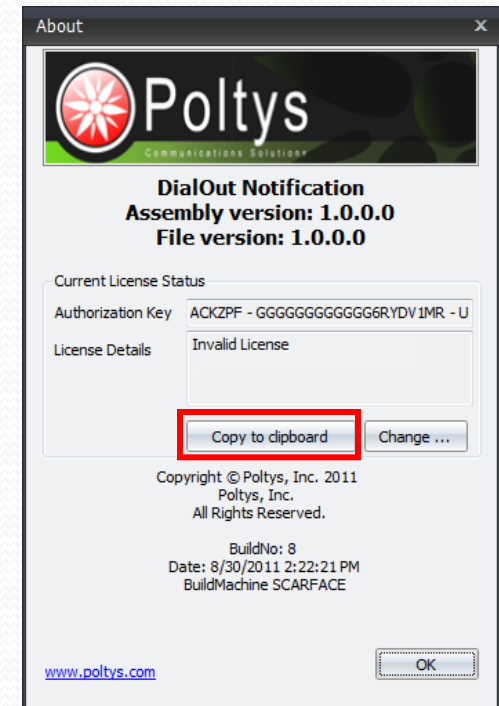
The Dial Out Notification icon displays in the Windows icon tray and a specific message appears after application startup.



Right click on the DialOut Notification icon in Windows icon tray.

Select the About option in the menu. The About dialog is displayed.

Click on the Copy to clipboard button.

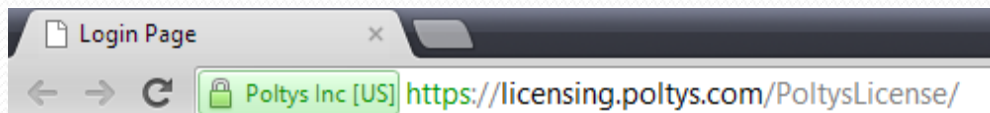


Licensing Dial Out Notification (cont'd)

With the purchase of the product from Polrys, an **Activation Code** is provided to the Dealer who can use it to activate the license himself or pass it to the end user if the end-user does the licensing

Go to the Polrys Licensing Portal and validate the license

From any browser go to <https://licensing.polrys.com> and enter the **Activation Code**



Enter the Activation Code

A screenshot of the Polrys Inc. Licensing Portal. The header includes the Polrys Inc. logo and "Unified Communications Solutions". There are also "HIGHLIGHTED PARTNER" and "GOLD PARTNER" badges. Below the header, there is a form with the text "Please enter your activation code:" followed by a text input field and an "Enter" button. A red box highlights the input field and button.

Enter **Activation Code**

Licensing Dial Out Notification (cont'd)

Enter the Server Authentication Key copied from the About window.



The screenshot shows a web application window for Polys Inc. The header includes the Polys Inc. logo, the text "Unified Communications Solutions", and a "GOLD PARTNER" badge. The main content area has a form with the label "Enter your product's SAK:" followed by a text input field containing "D1PDSX - - CQCCRFTM" and a "Get License" button. To the right of the form, there are two sections: "Download Installation Kits" with links for "CC_ServerSetup.exe" and "CC_SupervisorSetup.exe", and "Dealer knowledge base" with links for "FAQ Information", "How To Information", and "PBX Installation Requirements". A "User data Survey" link is at the bottom left.

English

Polys Inc.
Unified Communications Solutions

**GOLD
PARTNER**
Panasonic Solution
Developer Network

Enter your product's SAK:

D1PDSX - - CQCCRFTM

Get License

[Download Installation Kits](#)

[CC_ServerSetup.exe](#)
Installation instructions : [here](#)

[CC_SupervisorSetup.exe](#)
Installation instructions : [here](#)
User's manual : [here](#)

[Dealer knowledge base](#)

[FAQ Information](#)
Product Installation,
Product Configurations

[How To Information](#)
Updates and Additional Licenses,
UMC Purchasing,
Services Purchasing

[PBX Installation Requirements](#)
Requirements

[User data Survey](#)

Click on the Get License Button.

Licensing Dial Out Notification (cont'd)

License key is issued.

English

 **Polrys Inc.**
Unified Communications Solutions

**GOLD
PARTNER**
Panasonic Solution
Developer Network

Schedule Webex >

Enter your product's SAK:

License Key : 02DB7303769246EB26821E67427AF0281A242D

[User data Survey](#)

> Download Installation Kits

[CC_ServerSetup.exe](#)
Installation instructions : [here](#)

[CC_SupervisorSetup.exe](#)
Installation instructions : [here](#)
User's manual : [here](#)

> Dealer knowledge base

[FAQ Information](#)
Product Installation,
Product Configurations

[How To Information](#)
Updates and Additional Licenses,
UMC Purchasing,
Services Purchasing

[PBX Installation Requirements](#)
Requirements

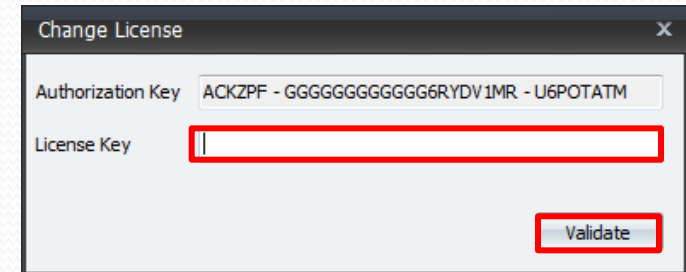
Copy the license key.

Licensing Dial Out Notification (cont'd)

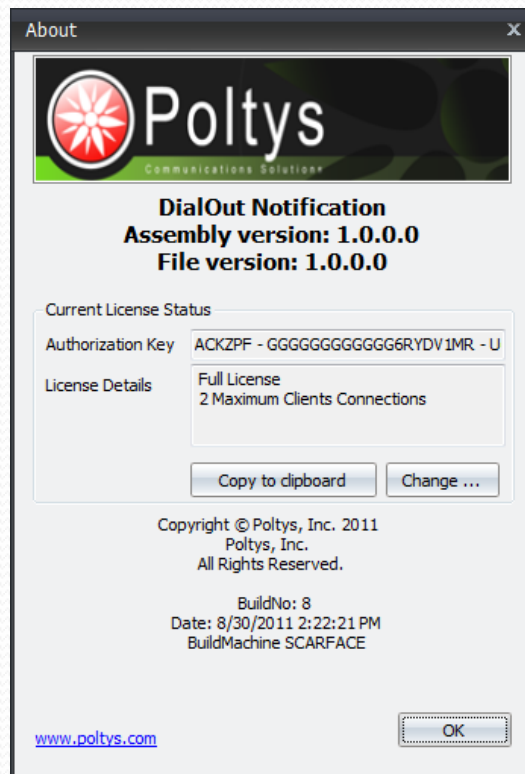
After you copied the License Key, click Change button.

Enter the license key in the License Key field.

Click on the Validate button to validate the license.



A dialog box titled "Change License" with a close button (X) in the top right corner. It contains two text input fields: "Authorization Key" with the value "ACKZPF - GGGGGGGGGGG6RYDV1MR - U6POTATM" and "License Key" which is empty and highlighted with a red border. A "Validate" button is located at the bottom right, also highlighted with a red border.



An "About" dialog box for Polrys Communications Solutions. It features the Polrys logo at the top. Below the logo, it says "DialOut Notification", "Assembly version: 1.0.0.0", and "File version: 1.0.0.0". A section titled "Current License Status" contains a text box for the "Authorization Key" with the value "ACKZPF - GGGGGGGGGGG6RYDV1MR - U". Below this, "License Details" show "Full License" and "2 Maximum Clients Connections". At the bottom of this section are "Copy to clipboard" and "Change ..." buttons. The footer includes copyright information: "Copyright © Polrys, Inc. 2011", "Polrys, Inc.", "All Rights Reserved.", build information: "BuildNo: 8", "Date: 8/30/2011 2:22:21 PM", "BuildMachine SCARFACE", the website "www.polrys.com", and an "OK" button.

Chapter 2

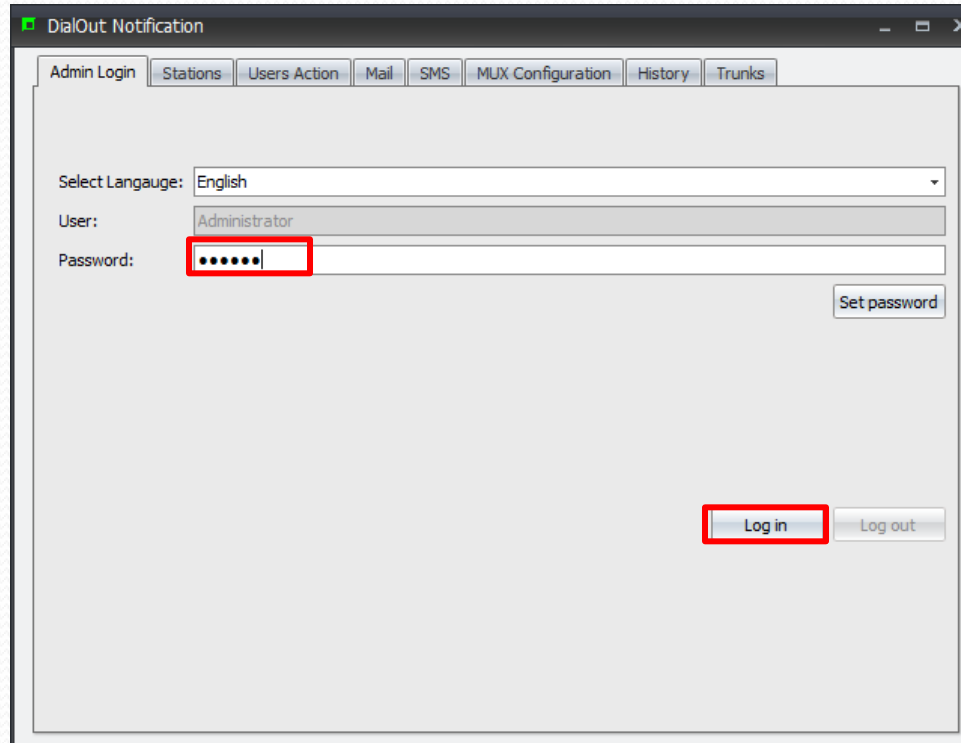
CONFIGURING DIAL OUT NOTIFICATION

Just after the application has been started, the Admin Login tab is selected.

Select the language of your choice.

Enter the password to login into the system. The default password is **polrys**.

Click on Log in button.



The screenshot shows the 'DialOut Notification' application window. The 'Admin Login' tab is selected in the top navigation bar. Below the tabs, there is a 'Select Language:' dropdown menu set to 'English'. The 'User:' field is populated with 'Administrator'. The 'Password:' field contains six dots, and a red rectangle highlights this field. To the right of the password field is a 'Set password' button. At the bottom right, there are 'Log in' and 'Log out' buttons, with the 'Log in' button highlighted by a red rectangle.

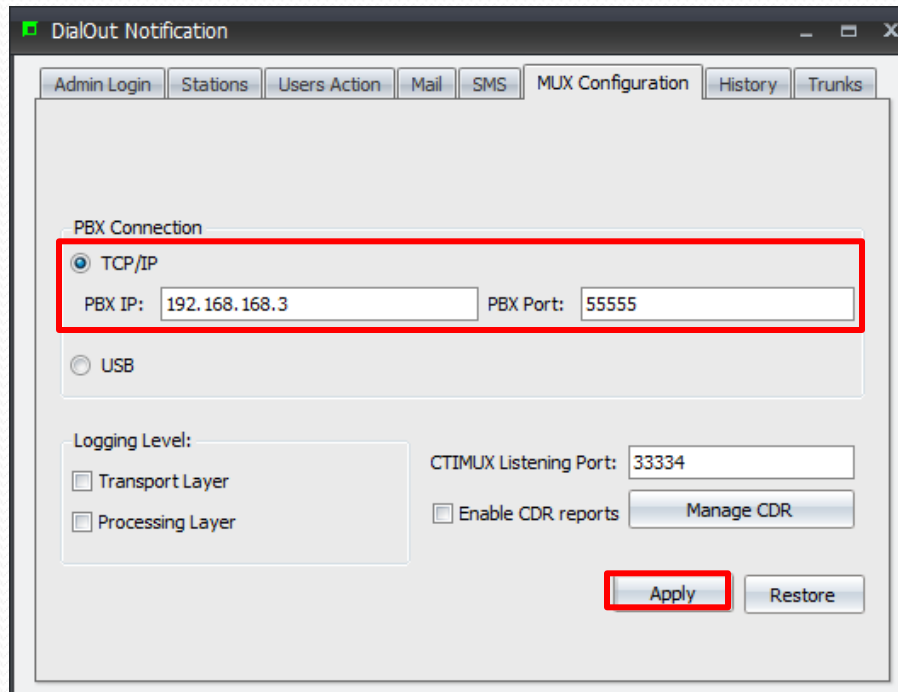
Connect the DialOut Notification host PC via UTP cable to the company LAN.

Make sure that the TDA/TDE/NCP IP-PBX PBX and DialOut Notification host PC are in the same LAN.

Select MUX Configuration tab.

Select TCP/IP option. Set the PBX IP and the PBX Port fields to the current Panasonic TDA/TDE/NCP/ NS IP-PBX settings.

Click the Apply button for changes to take effect.



The screenshot shows the 'DialOut Notification' application window with the 'MUX Configuration' tab selected. The 'PBX Connection' section has the 'TCP/IP' radio button selected. The 'PBX IP' field contains '192.168.168.3' and the 'PBX Port' field contains '55555'. The 'Logging Level' section has 'Transport Layer' and 'Processing Layer' checkboxes. The 'CTIMUX Listening Port' field contains '33334' and the 'Enable CDR reports' checkbox is unchecked. The 'Apply' button is highlighted with a red box.

DialOut Notification

Admin Login Stations Users Action Mail SMS MUX Configuration History Trunks

PBX Connection

☒ TCP/IP

PBX IP: 192.168.168.3 PBX Port: 55555

☐ USB

Logging Level:

☐ Transport Layer

☐ Processing Layer

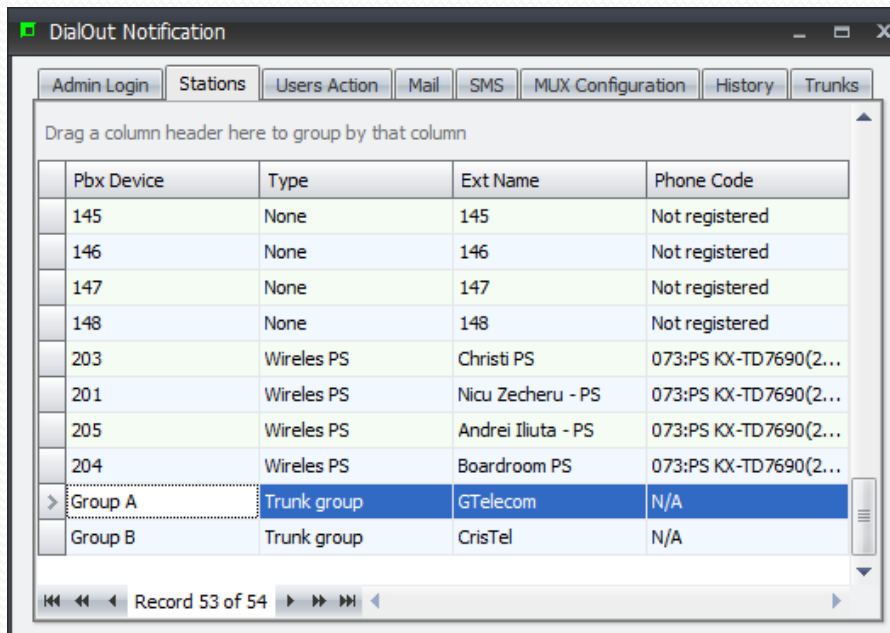
CTIMUX Listening Port: 33334

☐ Enable CDR reports Manage CDR

Apply Restore

After the DialOut Notification application got connected to the PBX, you can inspect the list of PBX devices and virtual trunk groups available in the system. Select the Stations tab. The list of stations is displayed along with the following information:

- **PBX Device** – The extension number/ virtual trunk group ID
- **Type** – The extension type/ virtual trunk group
- **Ext Name** – The extension name/ virtual trunk group description
- **Phone Code** – The extension type description



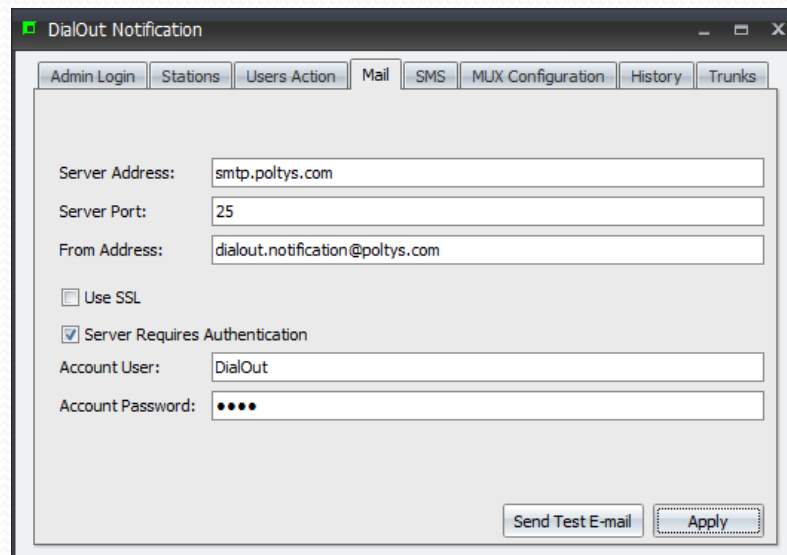
The screenshot shows the 'DialOut Notification' application window with the 'Stations' tab selected. The interface includes a navigation bar with tabs: Admin Login, Stations, Users Action, Mail, SMS, MUX Configuration, History, and Trunks. Below the tabs is a table with the following data:

Pbx Device	Type	Ext Name	Phone Code
145	None	145	Not registered
146	None	146	Not registered
147	None	147	Not registered
148	None	148	Not registered
203	Wireles PS	Christi PS	073:PS KX-TD7690(2...
201	Wireles PS	Nicu Zecheru - PS	073:PS KX-TD7690(2...
205	Wireles PS	Andrei Iliuta - PS	073:PS KX-TD7690(2...
204	Wireles PS	Boardroom PS	073:PS KX-TD7690(2...
> Group A	Trunk group	GTelecom	N/A
Group B	Trunk group	CrisTel	N/A

At the bottom of the window, there is a pagination bar showing 'Record 53 of 54'.

Configuring Email Parameters

If any of the monitored stations dials out a predefined phone number configured in Users Action tab, a notification is sent to the predefined Email recipient. You need to configure the Email settings in order to let DialOut Notification sending the Email notifications.



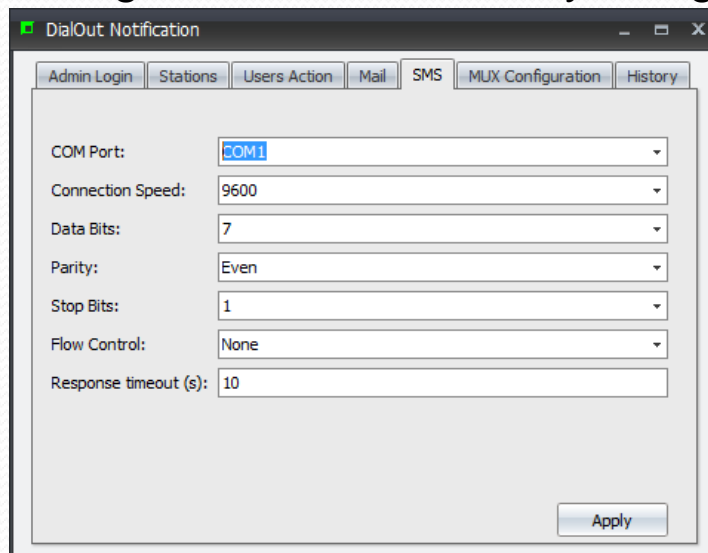
The screenshot shows a web-based configuration window titled "DialOut Notification". It has a tabbed interface with tabs for "Admin Login", "Stations", "Users Action", "Mail", "SMS", "MUX Configuration", "History", and "Trunks". The "Mail" tab is currently selected. The configuration fields include:

- Server Address: smtp.poltys.com
- Server Port: 25
- From Address: dialout.notification@polrys.com
- ☐ Use SSL
- ☒ Server Requires Authentication
- Account User: DialOut
- Account Password: (masked with dots)

At the bottom right, there are two buttons: "Send Test E-mail" and "Apply".

- **Server Address** – The name or the IP address of the SMTP server
- **Server Port** – The port number used by the e-mail server to send mails (by default, and generally used - port number 25)
- **From Address** – The Email address used by the e-mail server to send e-mails
- **Use SSL** - Enable option if required by your email server
- **Server requires authentication** - Enable option if required by your email server
- **Account User** – The name of the mail account
- **Account Password** – The password of the mail account

If any of the monitored stations dials out a predefined phone number configured in Users Action tab, a SMS notification is sent to the predefined cellular phone number. You need to configure the cellular modem parameters in order to let DialOut Notification sending SMS notifications by using an external cellular modem.



The screenshot shows a window titled "DialOut Notification" with a tabbed interface. The "SMS" tab is selected. The configuration fields are as follows:

Field	Value
COM Port:	COM1
Connection Speed:	9600
Data Bits:	7
Parity:	Even
Stop Bits:	1
Flow Control:	None
Response timeout (s):	10

An "Apply" button is located at the bottom right of the configuration area.

- **COM Port** – The serial number port the external modem is connected to
- **Connection Speed** – The data connection speed
- **Data Bits** – The number of data bits
- **Parity** – Enable even/ odd parity checking
- **Stop Bits** – The number of stop bits used in the data connection
- **Flow Control** – The protocol flow used in data connection
- **Response Timeout (s)** – The time interval in seconds the application waits for a response from the cellular modem

Dial Out Notification sends alerts at predefined time intervals via text messages displayed on the phone terminals, via Email and via SMS messages if:

- Any of the monitored stations dials out a predefined phone number configured in Users Action tab.
- There is a transfer/ add conference party operation on the trunks that do not belong to the predefined virtual trunk groups in Trunks tab.

Multiple notifications can be defined within Dial Out Notification application.

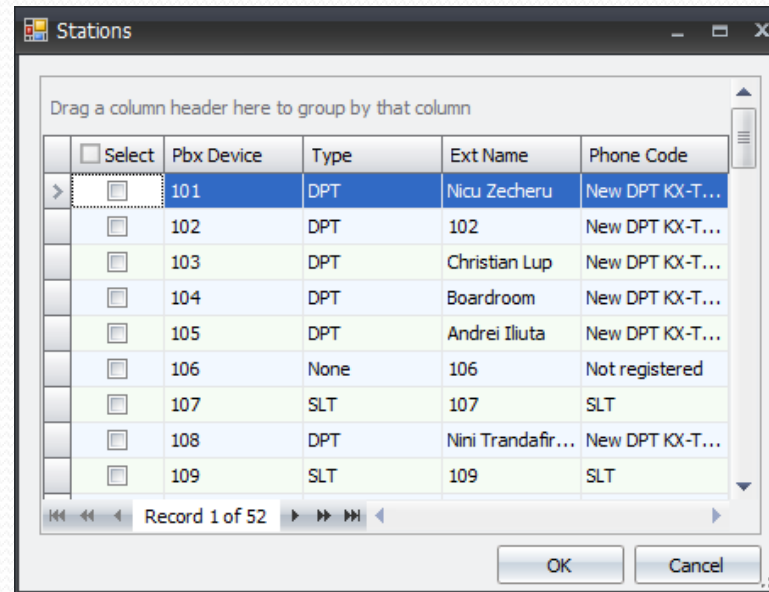
Drag a column header here to group by that column

	Name	Monitored ...	Monitored ...	Destination	SMS	SMS Text	Mail	E-mail subj...	Time Range	Rules	Rule Type
>	Alert										OUTBOUND

Record 1 of 1

Select the Monitored Stations by clicking on Browse button in the corresponding column.

The list presenting all stations in the system is displayed.

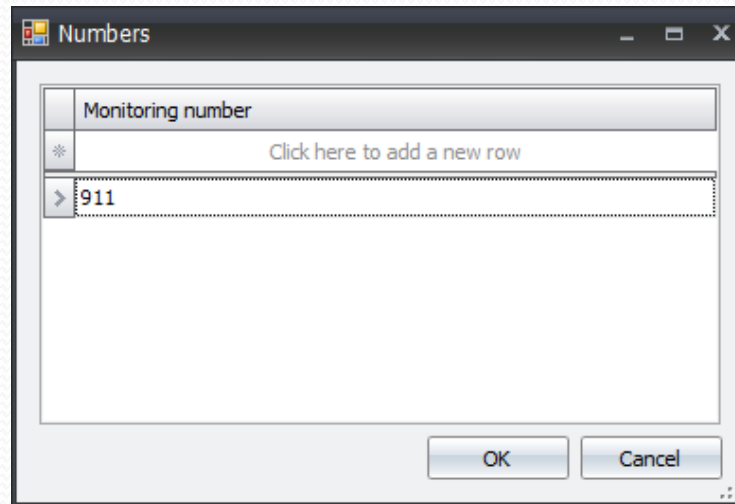


Select the stations to be monitored and click on OK button.

Select the Monitored Numbers by clicking on Browse button in the corresponding column.

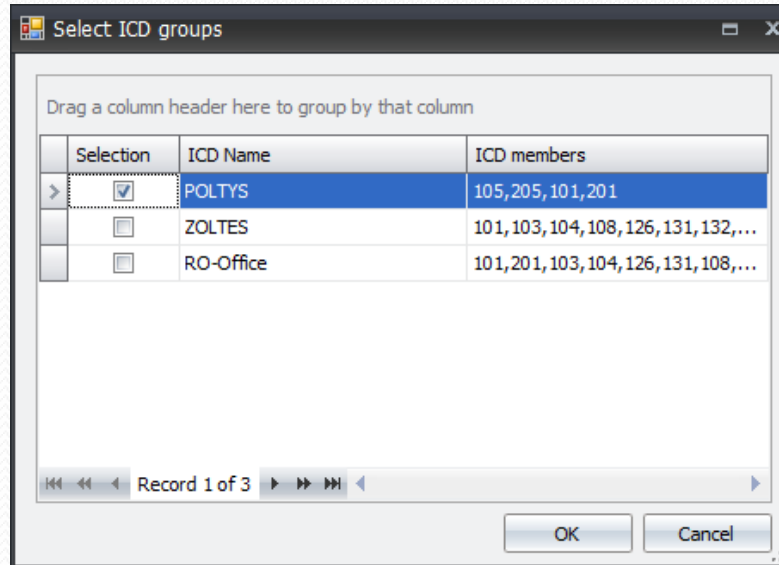
The Numbers window is displayed.

Add Phone numbers one by one in the rows and press Enter key after each entry.



Click on OK button.

Select the Destination by clicking on Browse button in the corresponding column.
The Select ICD Groups window containing all ICD groups in the system is displayed.

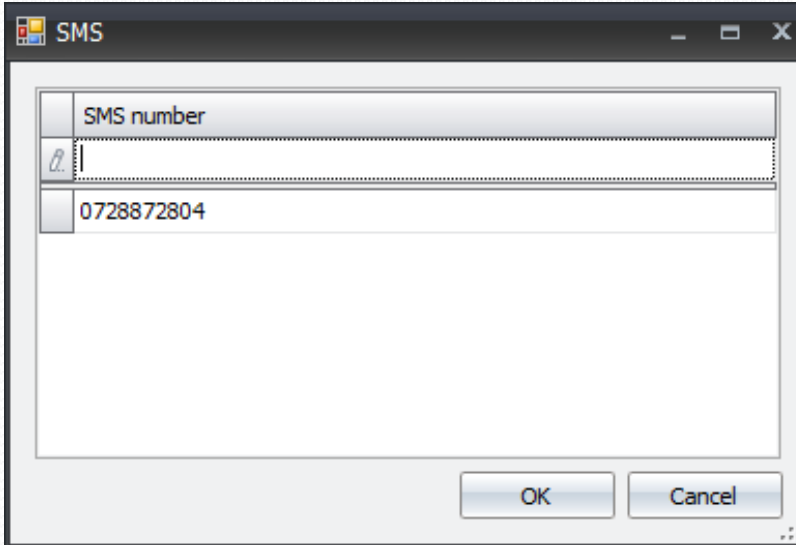


Select the ICD groups to be notified by text messages displayed on the phone terminal and by ringing alerts and click on OK button.

Select the SMS phone numbers to be notified by clicking on Browse button in the corresponding column.

The SMS window is displayed.

Add the cellular phone numbers one by one in the rows and press Enter key after each entry



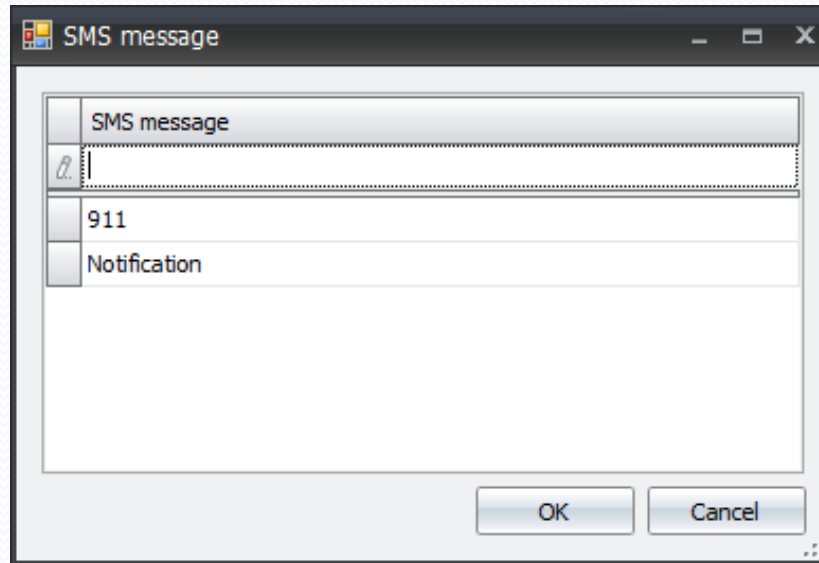
The screenshot shows a window titled "SMS" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there is a table with one column header "SMS number". Below the header, there is one row containing the text "0728872804". Below the table is a large, empty text area. At the bottom right of the window, there are two buttons: "OK" and "Cancel".

Click on OK button.

Enter the SMS Text message to be sent as notification by clicking on Browse button in the corresponding column.

The SMS message window is displayed.

Enter the text message by filling one or more rows in the list.



SMS message
911

Notification

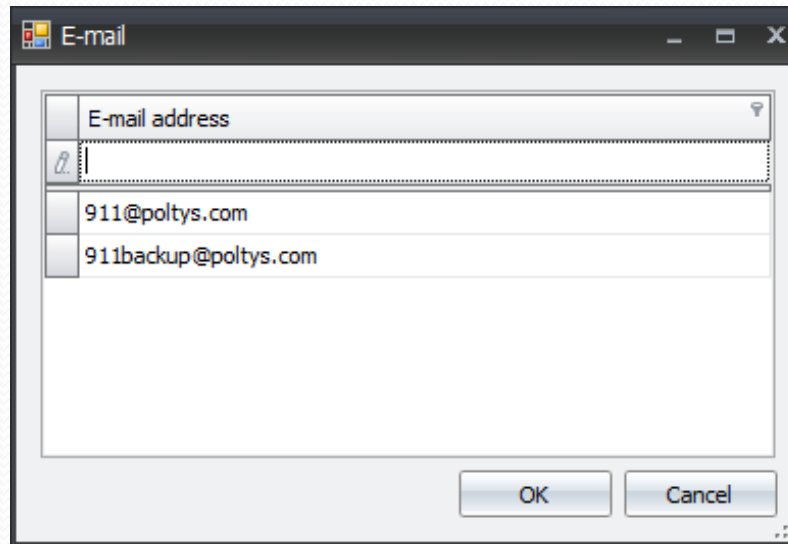
OK Cancel

Click on OK button.

Enter the Email recipient addresses to be notified by clicking on Browse button in the corresponding column.

The E-mail window is displayed.

Enter the Email addresses by filling one or more rows in the list.

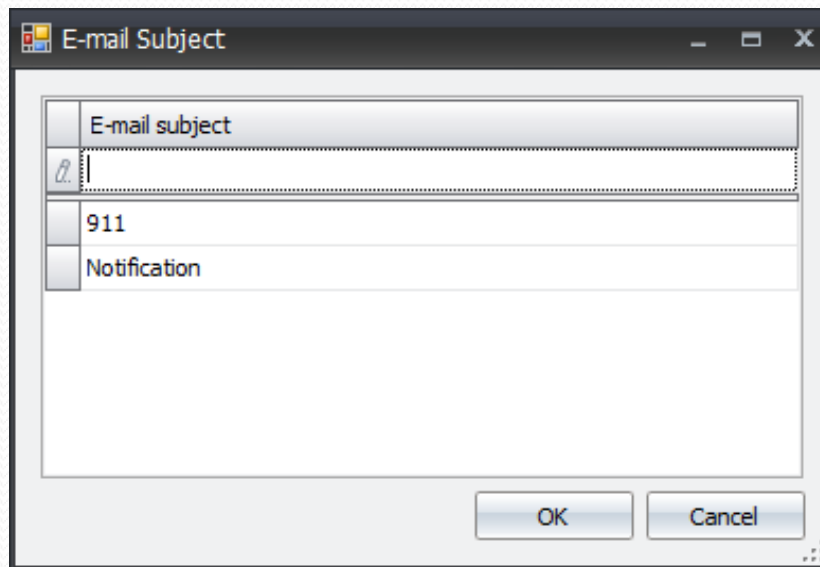


Click on OK button.

Enter the Email subject to be sent as notification by clicking on Browse button in the corresponding column.

The E-mail Subject window is displayed.

Enter the subject text by filling one or more rows in the list.



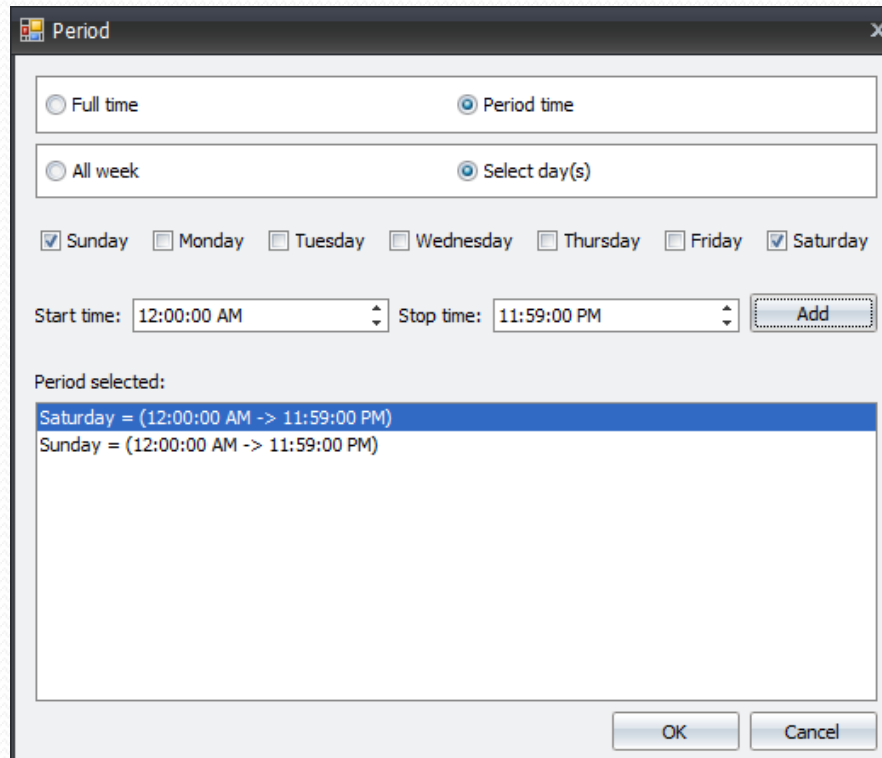
The image shows a Windows-style dialog box titled "E-mail Subject". It features a list box with three items: "E-mail subject", "911", and "Notification". The "E-mail subject" item is currently selected. Below the list box is a large, empty text area for entering the subject text. At the bottom right of the dialog are "OK" and "Cancel" buttons.

Click on OK button.

Select the Time Range the calls are treated as specified Rules by clicking on Browse button in the corresponding column.

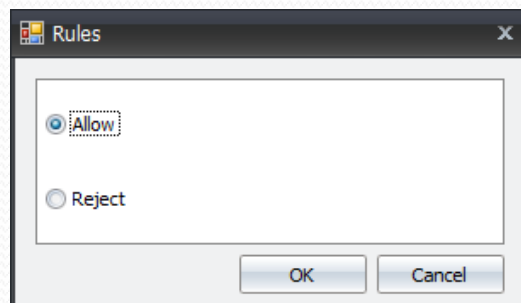
The Period window is displayed. You can opt out for:

- **Full Time**
- **Period of Time** – All week
- **Period of Time** – Select day(s).

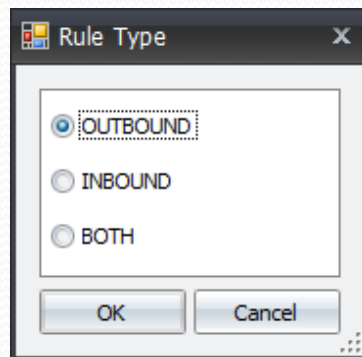


Select the action to be carried out against the call that fulfills the specified matching station - monitored numbers criteria by clicking on Browse button in the Rules column.

The Rules window is displayed. You can opt out for allowing or rejecting the call.

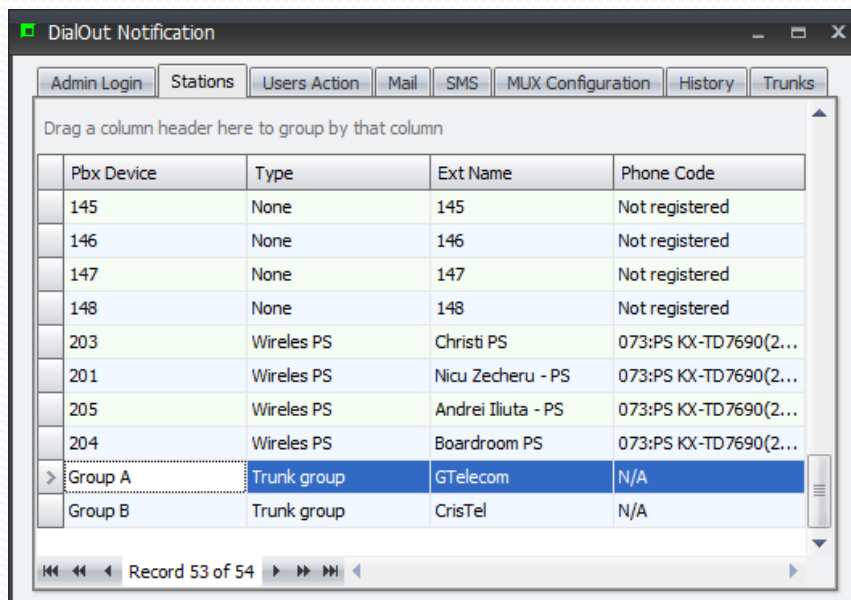


Select the Rule Type by clicking on the Browse button in the corresponding column. The Rule Type window is displayed.



Virtual trunk group notifications.

Select the Monitored Stations by clicking on Browse button in the corresponding column. The list presenting all stations in the system is displayed.



DialOut Notification

Admin Login Stations Users Action Mail SMS MUX Configuration History Trunks

Drag a column header here to group by that column

Pbx Device	Type	Ext Name	Phone Code
145	None	145	Not registered
146	None	146	Not registered
147	None	147	Not registered
148	None	148	Not registered
203	Wireles PS	Christi PS	073:PS KX-TD7690(2...
201	Wireles PS	Nicu Zecheru - PS	073:PS KX-TD7690(2...
205	Wireles PS	Andrei Iliuta - PS	073:PS KX-TD7690(2...
204	Wireles PS	Boardroom PS	073:PS KX-TD7690(2...
> Group A	Trunk group	GTelecom	N/A
Group B	Trunk group	CrisTel	N/A

Record 53 of 54

Select the trunk groups to be monitored and click on OK button.
Continue with the steps previously presented.

Dial Out Notification application logs every Monitored Stations – Monitored Numbers matches, including additional information and call control status regarding the corresponding notification.

You can browse the Notification History Log by selecting History tab.

DialOut Notification

Admin Login | Stations | Users Action | Mail | SMS | MUX Configuration | **History**

Drag a column header here to group by that column

Alert Name	From	Called Number	Date	Time	SMS	CSTA	E-mail	Call Status
Dialing out	106	90216184570	30 August 2011	14:07:24	OK	OK	OK	
Dialing out	106	90215184569	30 August 2011	14:01:58	OK	OK	OK	
Dialing out	106	90214184568	30 August 2011	13:47:42	OK	OK	OK	
Dialing out	106	90213184567	30 August 2011	13:39:18	OK	Failed to Execute Set display on 1...	OK	
911 Notification	108	911	30 August 2011	13:38:30	OK	OK	OK	
Dialing out rejected	102	90228429027	30 August 2011	13:14:06	Not set	Not set	OK	Call from 1050 was allowed
Dialing out rejected	102	90227495692	30 August 2011	13:14:06	Not set	Not set	OK	Call from 1050 was allowed
Dialing out rejected	102	90226562358	30 August 2011	13:13:50	Not set	Not set	OK	Call from 1050 was rejected
Dialing out rejected	102	90225629024	30 August 2011	13:09:43	Not set	Not set	OK	Call from 1050 was allowed
Dialing out rejected	102	90224695690	30 August 2011	13:09:43	Not set	Not set	OK	Call from 1050 was allowed
Dialing out rejected	102	90223762355	30 August 2011	13:09:43	Not set	Not set	OK	Call from 1050 was allowed

Record 1 of 38

Transfer Call between Trunks

- If there is an incoming/ outgoing call on a trunk and there is an attempt to transfer the call to another trunk, the trunk with the consultation call is searched in the list of virtual trunk groups.
- If the second trunk belongs to a group that includes also the first trunk, the transfer operation is allowed.
- If the second trunk does not belong to any virtual trunk group, the transfer operation is rejected.
- If the second trunk belongs to a different group than the first trunk, the actions defined in User Actions tab are performed for that group.

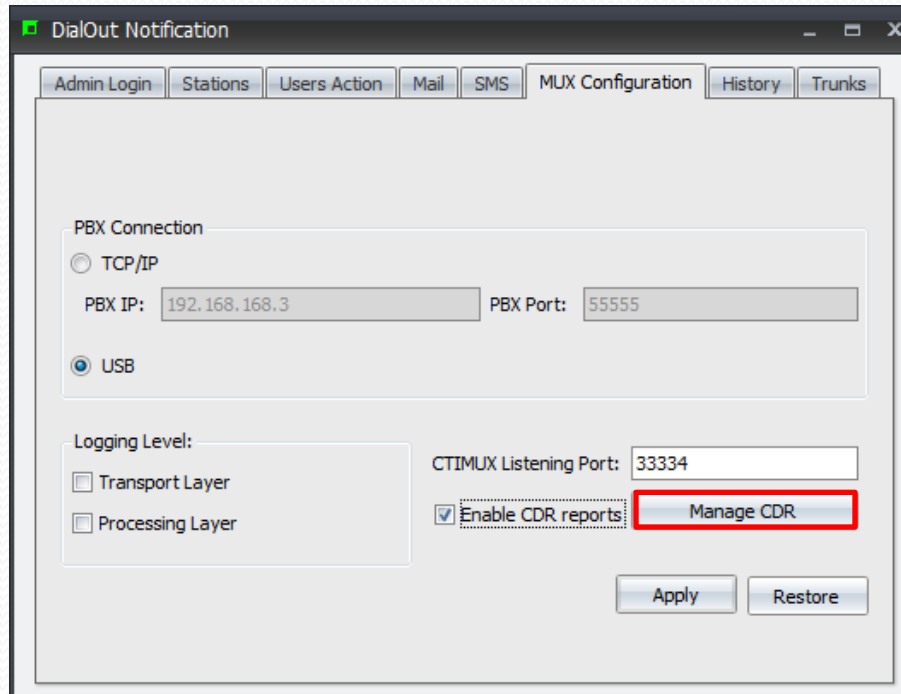
Conference Call between Trunks

- If there is an incoming/ outgoing call on a trunk or there is an already established conference on certain trunks and there is an attempt to initiate a new conference/ add another trunk to the existing conference, the trunk with the consultation call is searched in the list of virtual trunk groups.
- If the new trunk belongs to a group that includes also the other trunk(s), the initiating conference/ adding a new party to the conference operation is allowed.
- If the new trunk does not belong to any virtual trunk group, the initiating conference/ adding a new party to the conference operation is rejected.
- If the new trunk belongs to a different group than the other trunk(s), the actions defined in User Actions tab are performed for that group.

Dial Out Notification application allows you to log the SMDR or CDR information generated by PBX.

Click on MUX Configuration tab.

Select Enable CDR reports option.

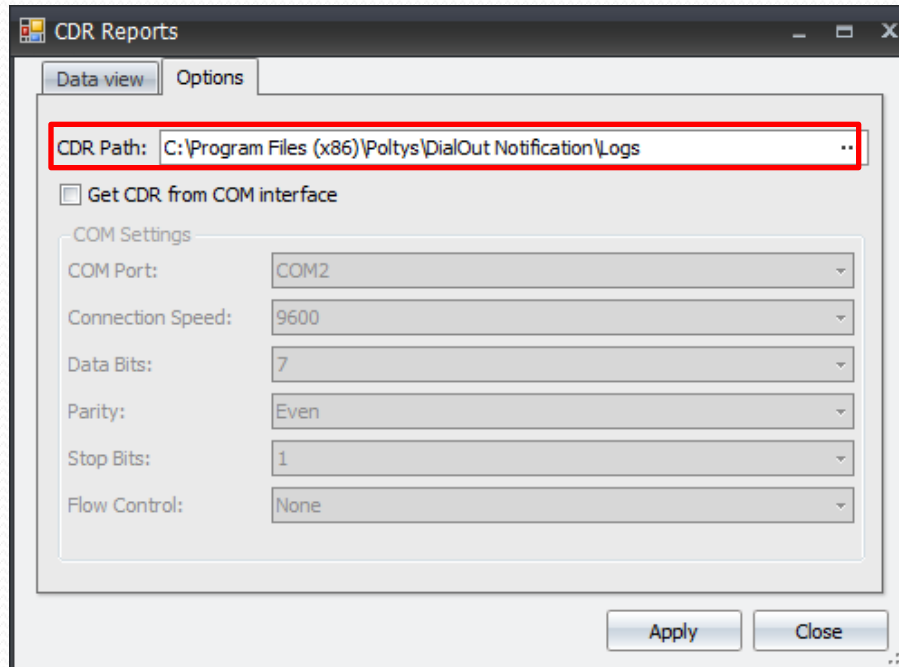


The screenshot shows the 'DialOut Notification' application window. The 'MUX Configuration' tab is selected. Under 'PBX Connection', the 'USB' option is selected. The 'PBX IP' is '192.168.168.3' and the 'PBX Port' is '55555'. Under 'Logging Level', both 'Transport Layer' and 'Processing Layer' are unchecked. The 'CTIMUX Listening Port' is '33334'. The 'Enable CDR reports' checkbox is checked, and the 'Manage CDR' button is highlighted with a red rectangle. At the bottom right are 'Apply' and 'Restore' buttons.

Click on Manage CDR button.

The CDR Reports window is displayed.

Click on Options tab. Change the CDR Path of your choice by clicking on Browse button. The CDR logs will be stored in that specific folder as text files.

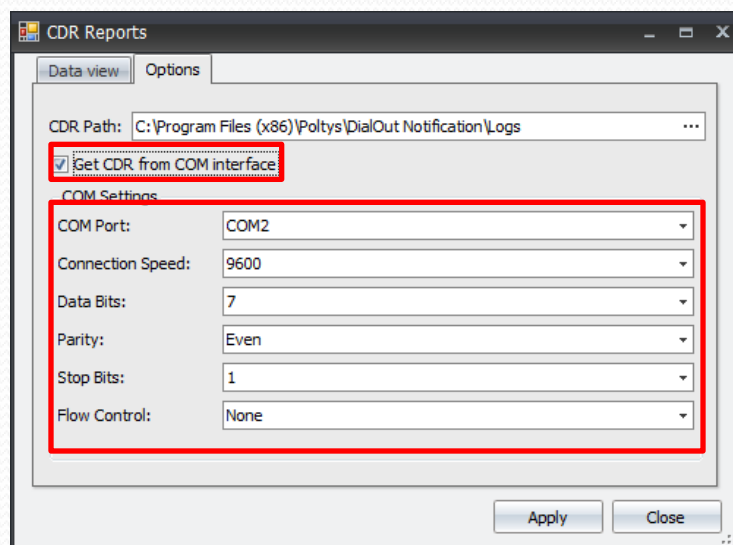


Click on Apply button for changes to take effect.

To enable SMDR logging, select the Get CDR from COM interface option.

Change the following parameters in order to match the serial interface configuration of the PBX:

- **COM Port** – The serial number port the PBX is connected to
- **Connection Speed** – The data connection speed
- **Data Bits** – The number of data bits
- **Parity** – Enable even/ odd parity checking
- **Stop Bits** – The number of stop bits used in the data connection
- **Flow Control** – The protocol flow used in data connection



Click on Apply button for changes to take effect.

THANK YOU!