



# USB CopyNotify! (Version 2.7)

## Server History & Configuration GUIDE

# Server History & Configuration GUIDE

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### **Logging of notifications / alerts to file.**

On successful installation of the USB CopyNotify! Server Component, the component will start automatically on Windows Start up and begin logging all notifications / alerts in a log file.

The log files are stored DAILY in the c:\windows\system32\logfiles\ucn directory

The file naming convention of the log files is YYYY-MM-DD.log

#### Example:

The log file containing all the notifications / alerts of 26<sup>th</sup> Mar. 2012 will be named as '2012-03-26.log'

The log file is in a TXT file format file and each notification is saved as a comma delimited record with the following format :-

*Date, Time, Computer Name, IP Address, Category of Notification, Message*

Note: The user does not have to be 'logged' on for the alerts / notifications to be logged.



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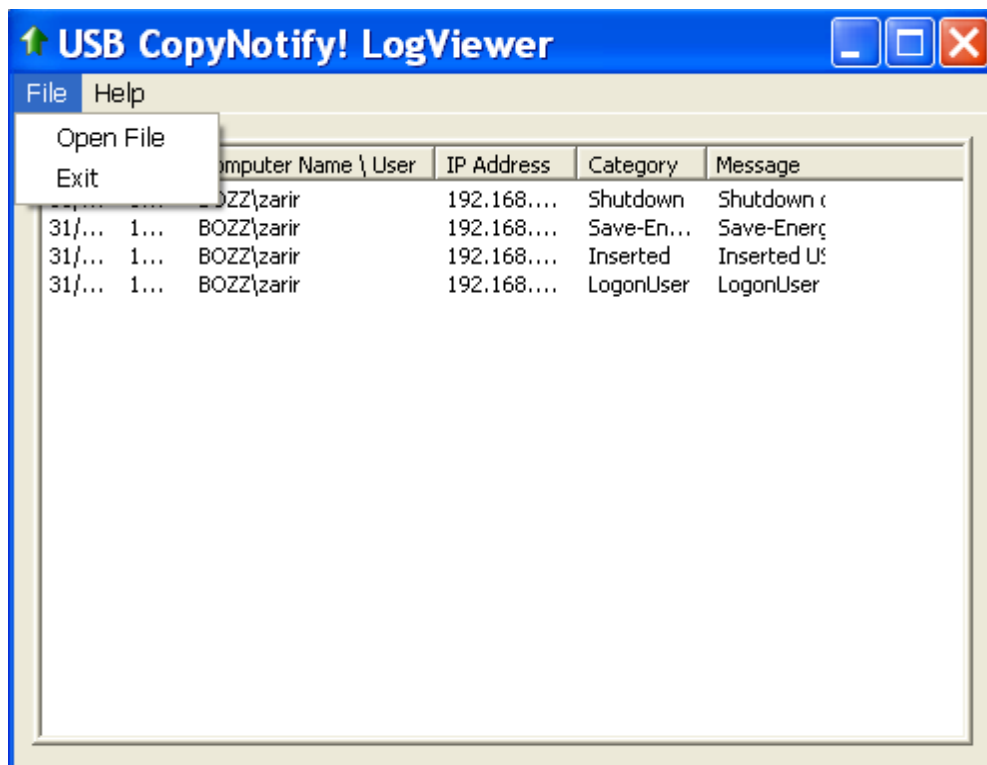
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### Viewing the Log File

In order to get Alerts / Notifications on your Desktop you will need to start the USB CopyNotify! Server Console Module by clicking on

Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Right Click on the USB CopyNotify! Icon in the system tray and click on 'View Logs' and the following will appear. Click on File / Open File to select and view the log files.





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### Desktop Notifications/Alerts

In order to get Alerts / Notifications on your Desktop you will need to start the USB CopyNotify! Server Console Module by clicking on

Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Once the console has started the USB CopyNotify! Icon will be seen in the SYSTEM TRAY and as soon as there is any notification / alert , the same will be seen as a BALLOON notification appearing out of USB CopyNotify! Icon in the System Tray.



### Note:

Balloon Alerts will be seen only as long as the USB CopyNotify! Server Console is running.



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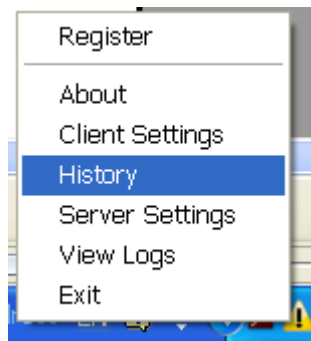
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#### **Viewing Notifications / Alerts as they are generated.**

You can view notifications / alerts as they are received in the USB CopyNotify! Server History Window.

You will need to start the USB CopyNotify! Server Console Module by clicking on Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Right Click on the USB CopyNotify! Icon in the system tray and click on 'History'.



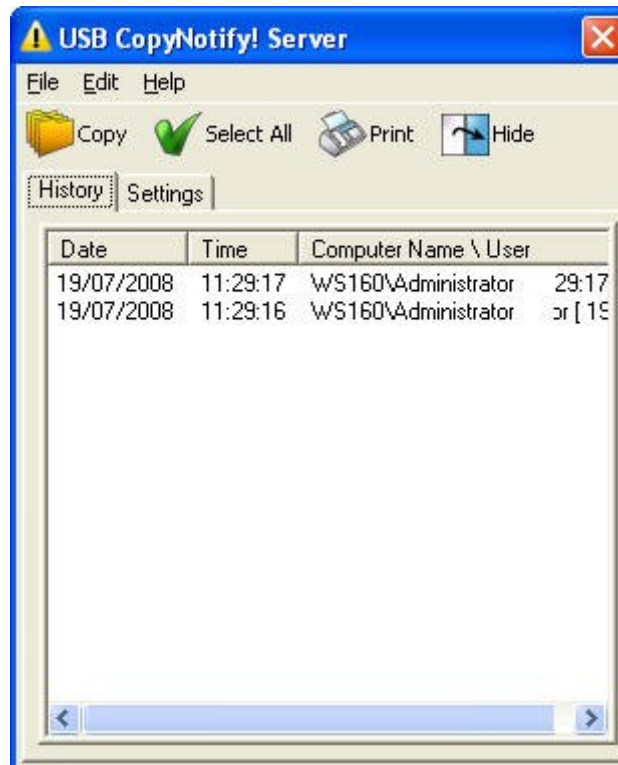
This will allow you to view a history of all notifications/alerts as they are received by the USB CopyNotify! Server.



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After clicking on History the following screen will appear which lists all the notifications as received by the USB CopyNotify! Server.



Each notification / alert contains the following information

Date : Date of alert

Time : Time of alert

Computer Name : Name of computer which raised the alert

Logged In User : Logged in user when the alert was raised

IP Address : IP address of machine which raised the alert

Category: USB operation (insert/removed/mount/copy/block etc...)

Message: Description of alert



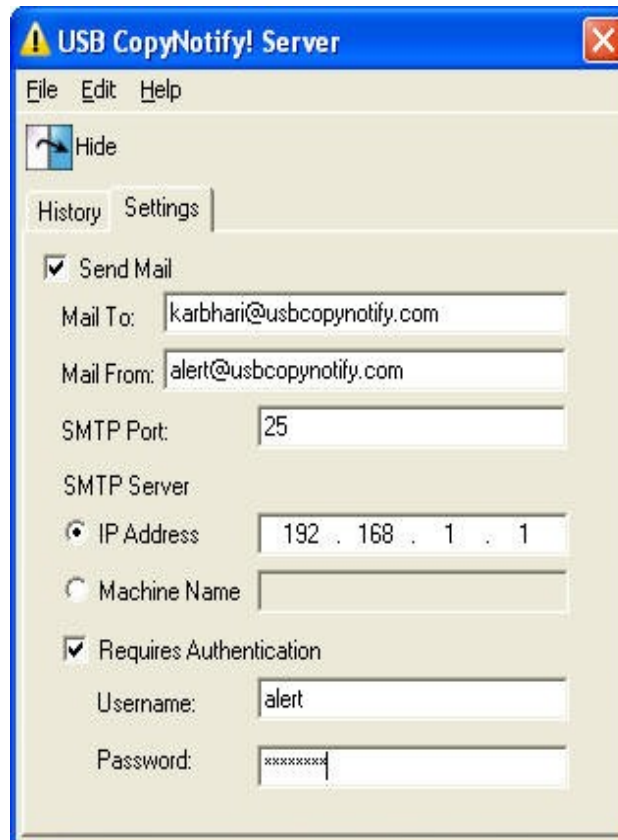
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### Getting Alerts/Notifications by Email

You will need to start the USB CopyNotify! Server Console Module by clicking on Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Notifications of USB Usage can also be forwarded to you via email. Right Click on the USB CopyNotify! Icon in the system tray & click on Settings menu Item This will invoke the Settings TAB as shown below



Click on Send Mail to enable the Email Alerts and fill all the required details accordingly.

### Note:

Please click on 'Apply Settings on TAB for the settings to take effect.



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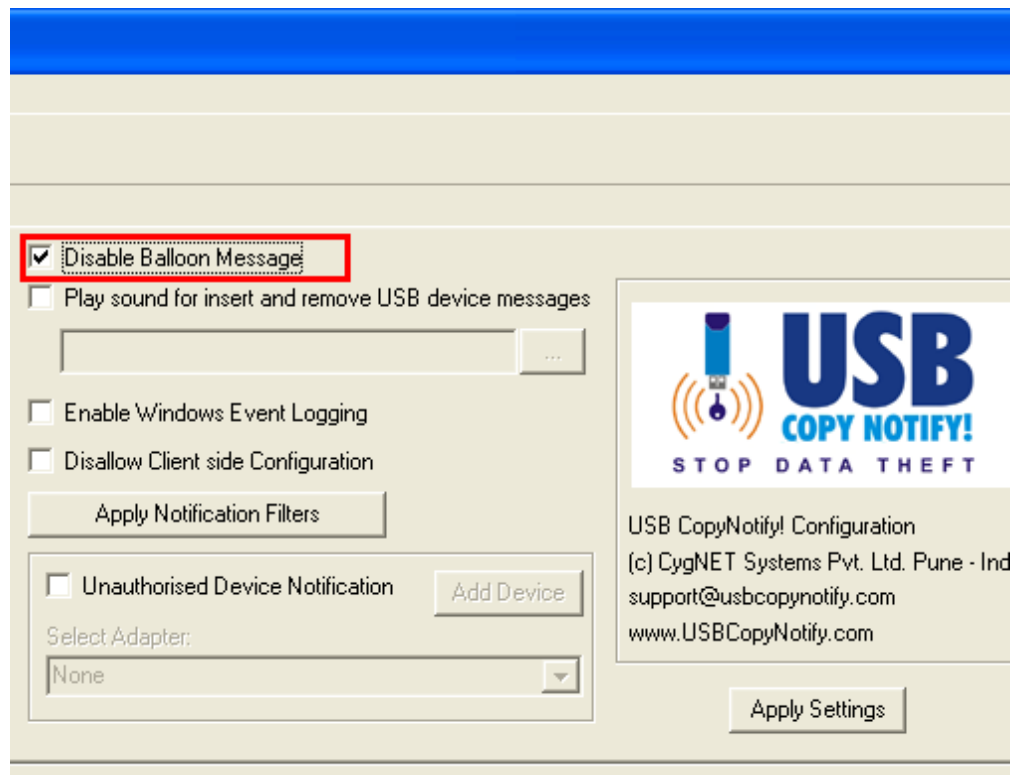
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### Disabling the System Tray Balloon Message

You will need to start the USB CopyNotify! Server Console Module by clicking on Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Right Click on the USB CopyNotify! Icon in the system tray & click on Settings menu Item.

This will invoke the Settings TAB as shown below



Click on "Disable Balloon Message". This will ensure that the Balloon Message that pops up on the Desktop every time a message notification is received will be hidden.

**Note:**

Please click on 'Apply Settings' for the settings to take effect.



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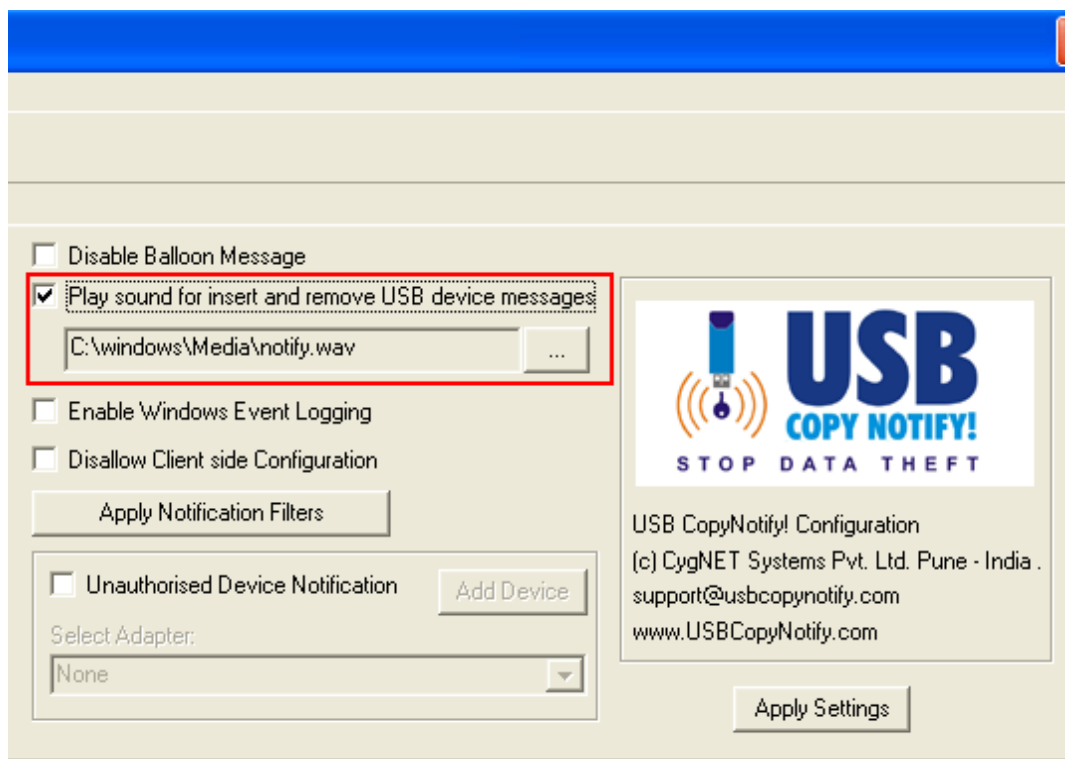
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### Setting Audio Alerts

An audio file can be played as soon as an alert is received.

You will need to start the USB CopyNotify! Server Console Module by clicking on Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Right Click on the Server Component Icon in the system tray & click on Settings menu Item. This will invoke the Settings TAB as shown below



Click on "Play Sound for insert & remove USB Device Messages" and then select the location and file name of the audio file to be played. This audio file will be played automatically on receipt of any INSERT or REMOVE notification messages.

### Note:

- Please click on 'Apply Settings for the settings to take effect.
- Audio Alerts will be heard as long as the USB CopyNotify! Server Console is running.



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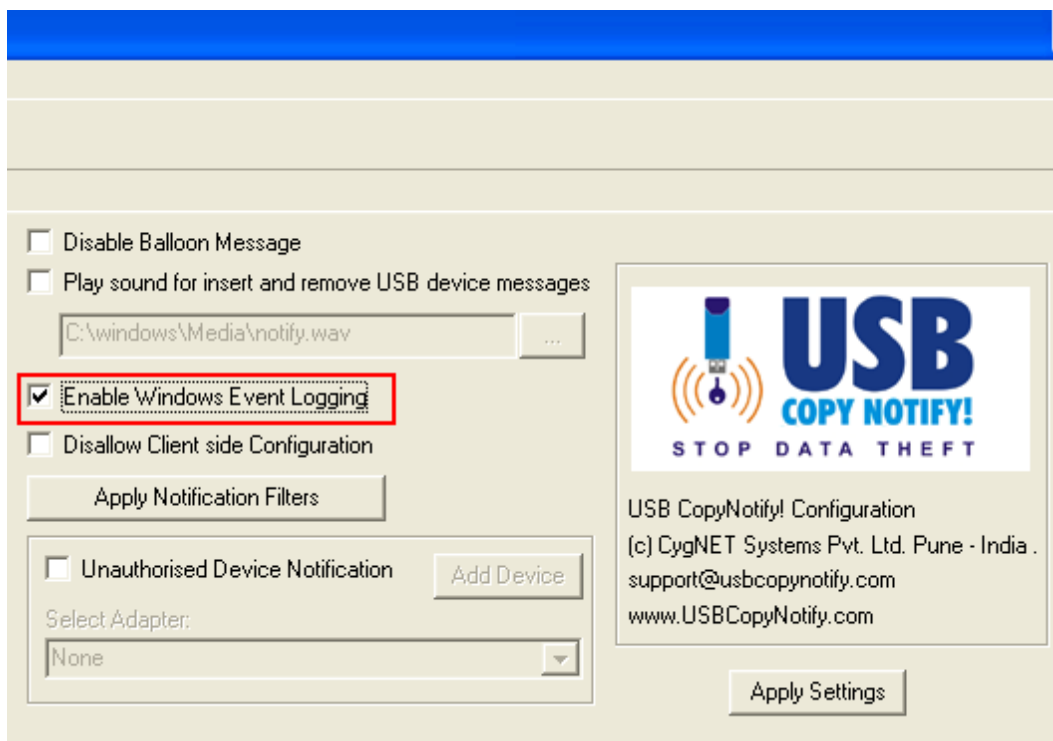
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#### Adding Notifications / Alerts to the Windows Event Log.

You can also add all notifications / alerts being received by the USB CopyNotify! Server into the Windows Event Log.

You will need to start the USB CopyNotify! Server Console Module by clicking on Start / Programs / USB CopyNotify! / USB CopyNotify! Server

Right Click on the Server Component Icon in the system tray & click on Settings menu Item. Click on 'Enable Windows Event Logging'



#### Note:

- Please click on 'Apply Settings for the settings to take effect.
- Alerts / Notifications being received will be added to the Windows Event Log as long as the USB CopyNotify! Server Console is running.
- The entries in the Windows Event Log can be viewed in the Windows Event Viewer / USB CopyNotify!



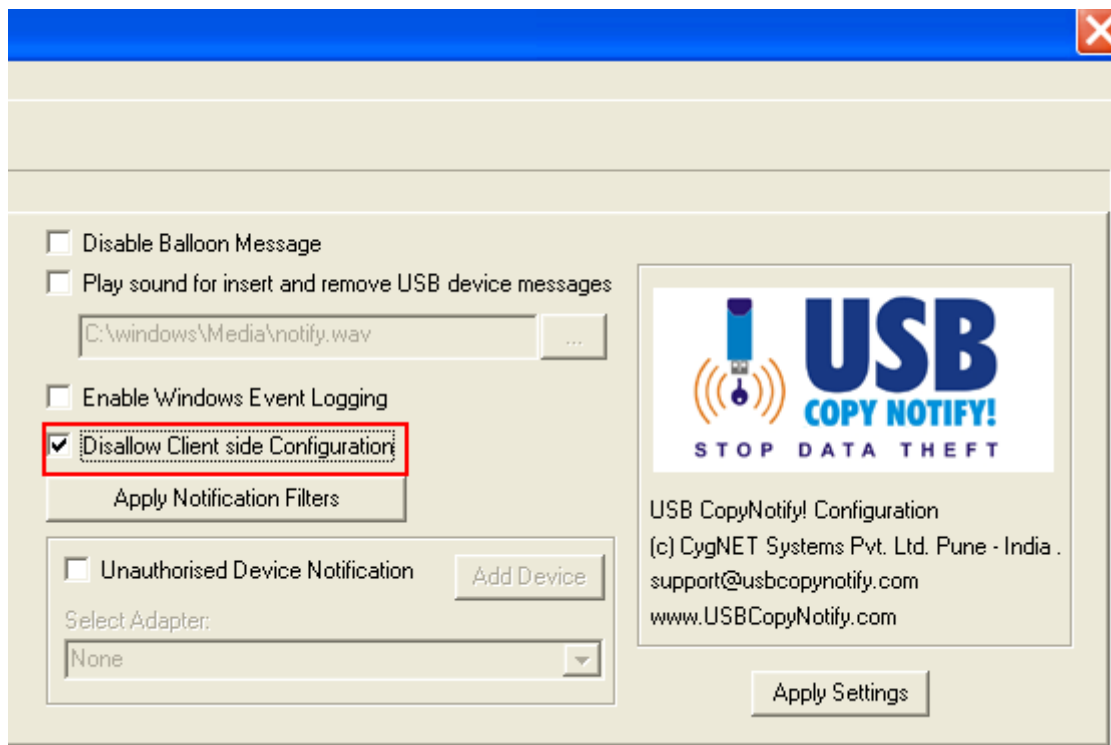
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#### Disallowing Direct Configuration Changes on Client Computers

You can disallow the user from directly making any configuration changes to USB CopyNotify! Clients on all machines.

Right Click on the Server Component Icon in the system tray & click on Settings menu Item. This will invoke the Settings TAB as shown below



Click on 'Disallow Client Side Configuration' & then Click on Apply Settings.

With this, no configuration changes will be allowed to be directly made at the client computers. It is to be noted that this will applied across all computers.



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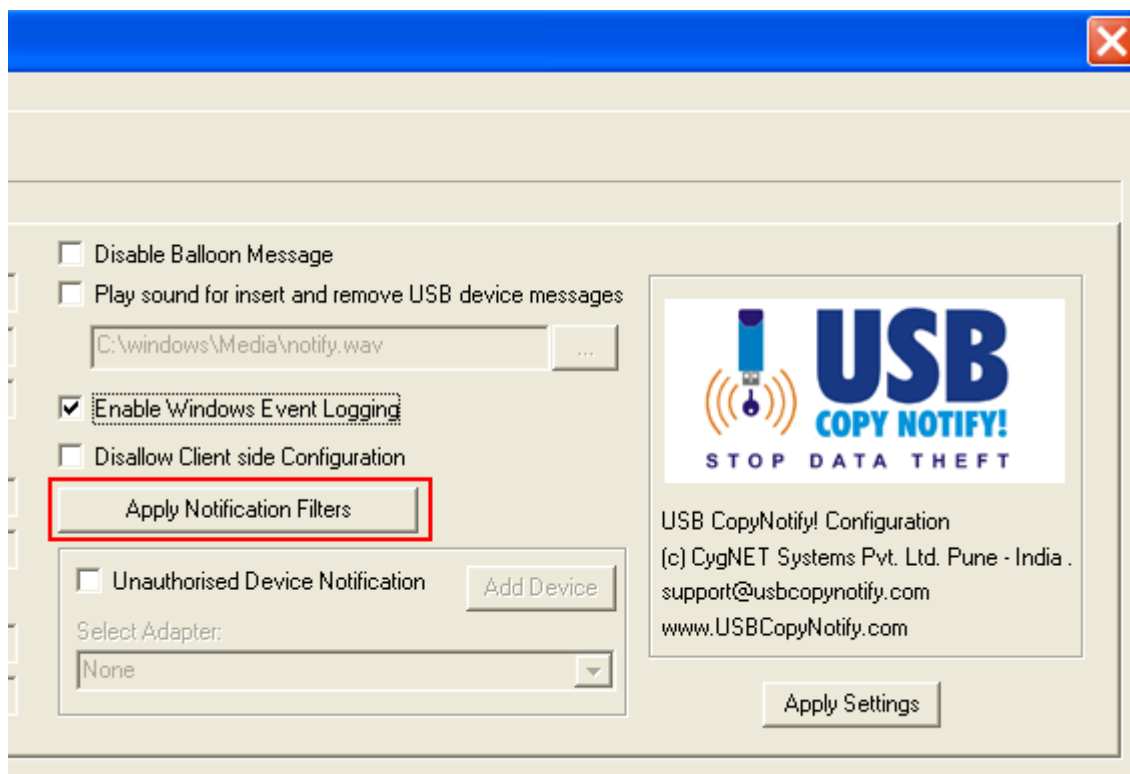
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### Setting Notification Filters

The Notification filter allows you to decide which Alerts/Notifications you wish to see in the desktop pop-up, history, window event log or email.

Right Click on the Server Component Icon in the system tray & click on Settings menu Item

This will invoke the Settings TAB as shown below



Clicking on "Apply Notification Filters" will invoke a dialog box as show below



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### Apply Notification Filters

Filters lets you choose which alerts you wish to receive. You can also decide window or sent by email.

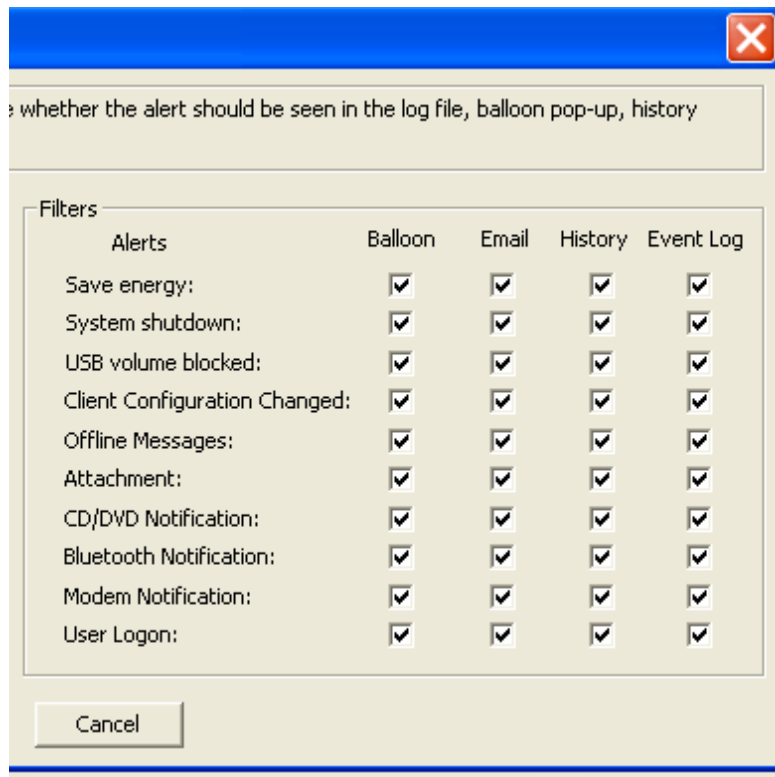
Alerts	Balloon	Email	History	Event Log
USBCopyNotify started:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USBCopyNotify shutdown:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB device inserted:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB volume mounted:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB volume unmounted:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB device removed:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
File added on USB:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
File deleted on USB:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
File renamed on USB:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
File modified on USB:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Save



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By clicking on the appropriate check boxes you can decide which Alerts/Notifications you wish to see in the desktop pop-up, history, window event log or email.

**Note:**

- Please click on 'Apply Settings for the settings to take effect.



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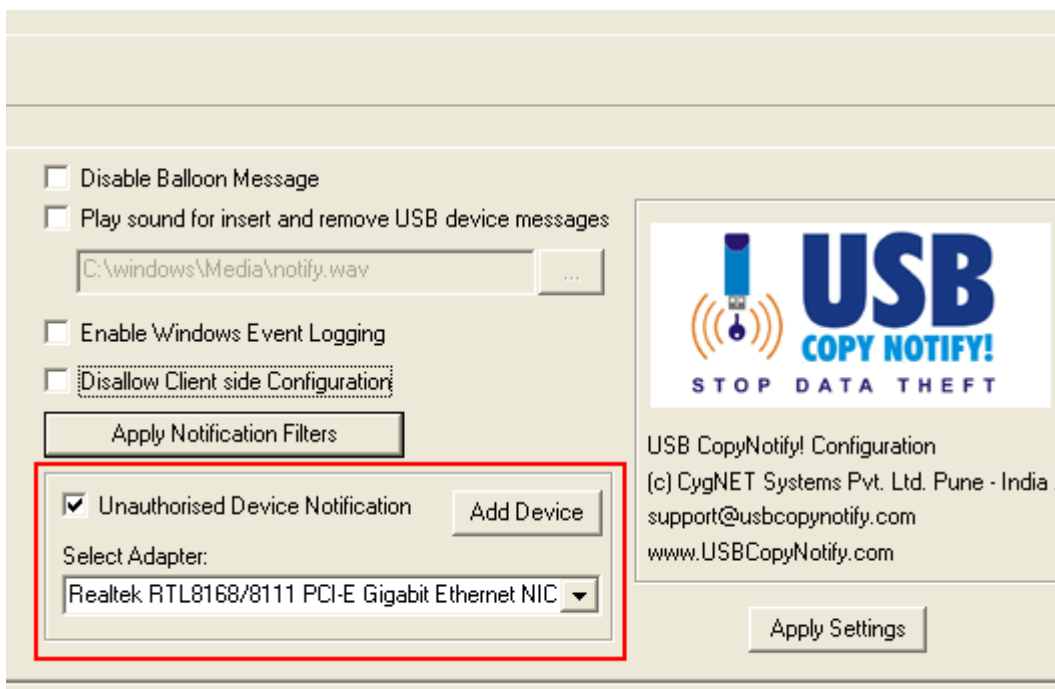
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### Unauthorized Device Detection

This feature alerts / notifies the user when an unauthorized device such as a laptop / tablet / smart phone etc. tries to connect to resources on the office network.

Right Click on the Server Component Icon in the system tray & click on Settings menu Item

This will invoke the Settings TAB as shown below



Click on 'Unauthorized Device Notification.

Select the appropriate network adapter that connects to the network you wish to monitor.

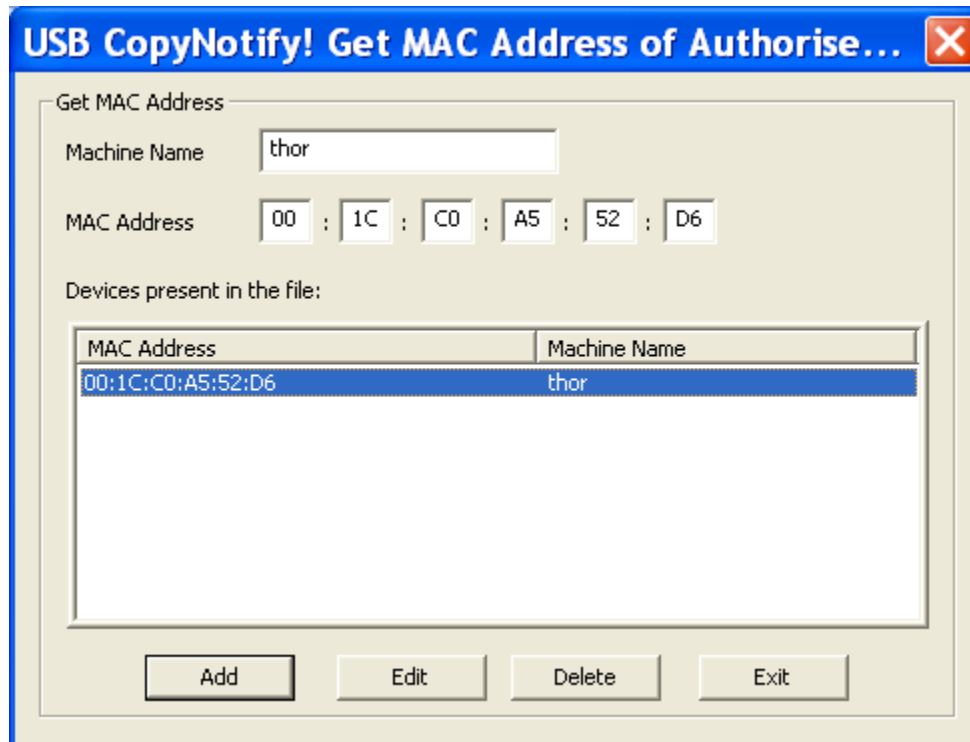
Click on Add Device to Add the Mac Addresses of the computing devices that are considered 'Authorized'



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Clicking on 'Add Device' gives you the following screen



**Add :** Allows you to enter the Mac Address and Machine Name of the authorized computing device.

**Edit :** Allows you to edit the Mac Address and Machine Name of an already entered authorized computing device.

**Delete :** Allows you to delete the Mac Address and Machine Name of an already entered authorized computing device.

**Exit :** Returns to the Settings Screen

**Note:**

- Please click on 'Apply Settings for the settings to take effect.

Portions of this software features uses WinPcap (<http://www.winpcap.org>)  
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### Notifications/Alerts Generated by USB CopyNotify

Once the software has been loaded on all the computers on the network following are the alerts/notifications that are generated.

Notification / Alert	Description
Logon-User	User has logged in
Started-Client	USB CopyNotify has started on the computer
Shutdown-Client	USB CopyNotify has stopped on the computer
System-Shutdown	Computer is shutting down
Attempted-Shutdown	Attempt to shutdown USB CopyNotify! by user
Restarting-Attachment-Monitor	Re-initialization of Service Monitor
Changed-Client Configuration	USB CopyNotify! Settings have been changed locally.
Inserted-USB	USB Device has been inserted
Mounted-USB	USB storage Media has been mounted
Unmounted-USB	USB storage Media has been un-mounted
Removed-USB	USB Device has been removed
Blocked-USB	USB Removable Storage Media has been blocked
Unable-to-block-USB	Unable to block USB Removable Storage Media
Renamed	File Renamed on USB Stick
Added	File/Folder Added to USB Stick
Deleted	File / Folder deleted on USB Stick
Modified	File / Folder modified on USB Stick



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Notification / Alert	Description [Continued.....]
Save-Energy	Computer has been idle and should be shut down to Save Energy
Attachment-Block	Email Attachment in Web Mail has been blocked.
Attachment-possibility	Attempt to send Email Attachments via Web Mail.
Offline	Notifications/Alerts sent when USB CopyNotify! Server not contactable.
CD-Closed	CD/DVD Tray Drive has been opened
CD-Opened	CD/DVD Tray Drive has been closed
CD-Possible-write	Possible Burning of Data on CD/DVD
Enabled-DVD/CD-ROM	CD/DVD Device is available for use
Disabled-DVD/CD-ROM	CD/DVD Device is unavailable for use and blocked
Enabled-Modems	Modem Device is available for use
Disabled-Modems	Modem Device is unavailable for use and blocked
DevAdded-Modems	External Modem Device inserted into computer
DevRemoved-Modems	External Modem Device removed from computer
Enabled-Bluetooth	Bluetooth Device is available for use
Disabled-Bluetooth	Bluetooth Device is unavailable for use and blocked
DevAdded-Bluetooth	External Blue Device inserted into computer
DevRemoved-Bluetooth	External Modem Device removed from computer