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**1. Software Requirements**

Minimum requirement for NEWTRONIC neclog 1.0 software is Windows® XP Professional and above. For the software compatibility with other operating systems and any information concerning upgrades; contact NEWTRONIC.

**2. Hardware Requirements**

For the optimized operation of the NEWTRONIC neclog 1.0 Software the hardware requirement is enlisted below:

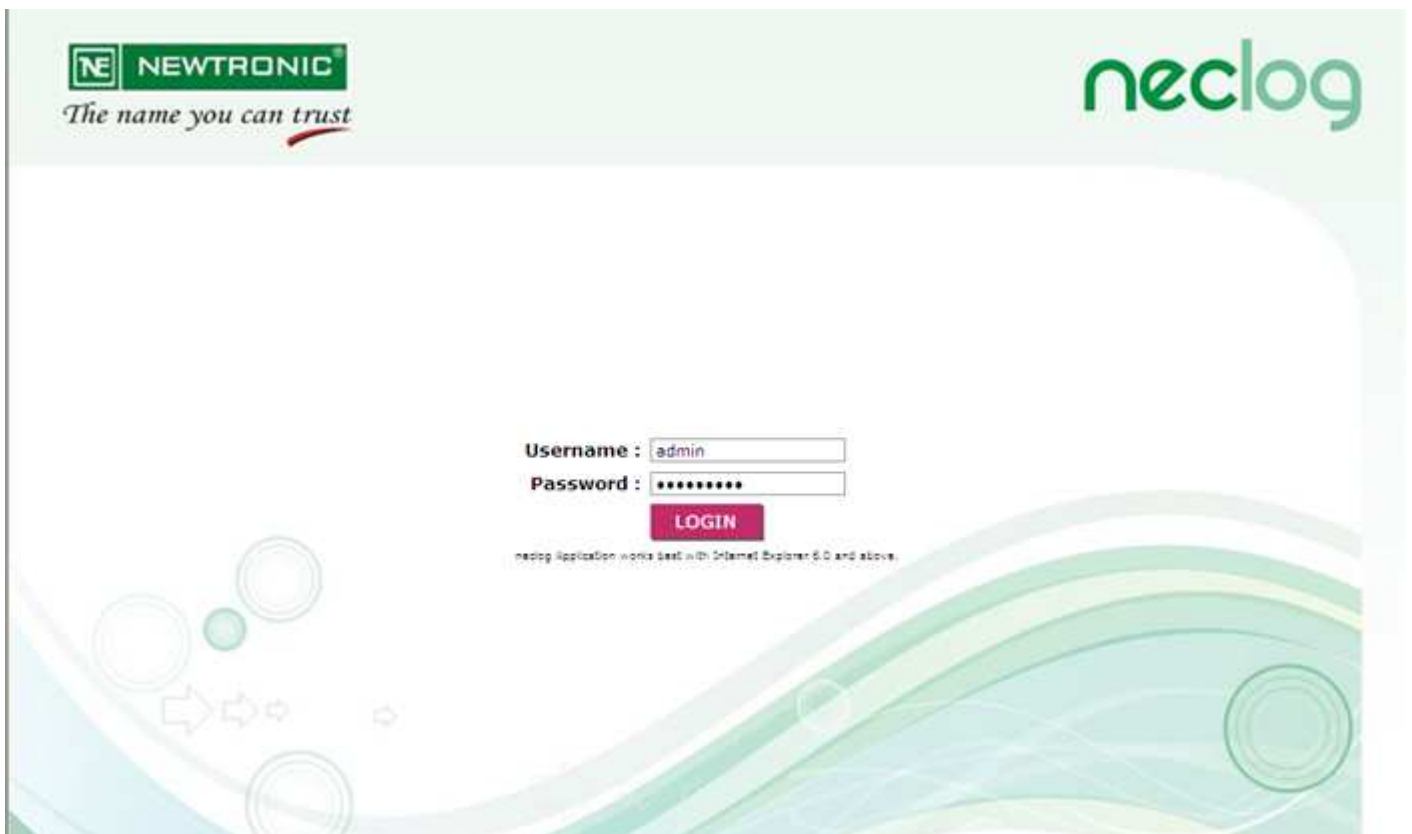
<b>Specifications</b>	<b>Minimum Ratings</b>
<b>Processor</b>	Core 2 Dual Processor
<b>RAM</b>	4 GB
<b>Hard Disk</b>	40 GB
<b>Connectivity</b>	TCPIP Port
<b>Operating System</b>	Window XP Professional
<b>Operating System Component</b>	Internet Information Service(IIS)
<b>Power Supply</b>	UPS Supply

### 3. Running NEWTRONIC neclog 1.0 Application

Running application software for the very first time.

The software starts with Login screen.

Click on Log In button, a login window will appear. Enter Login Name and enter password in fields and click on Login button.



**NEWTRONIC**  
*The name you can trust*

**neclog**

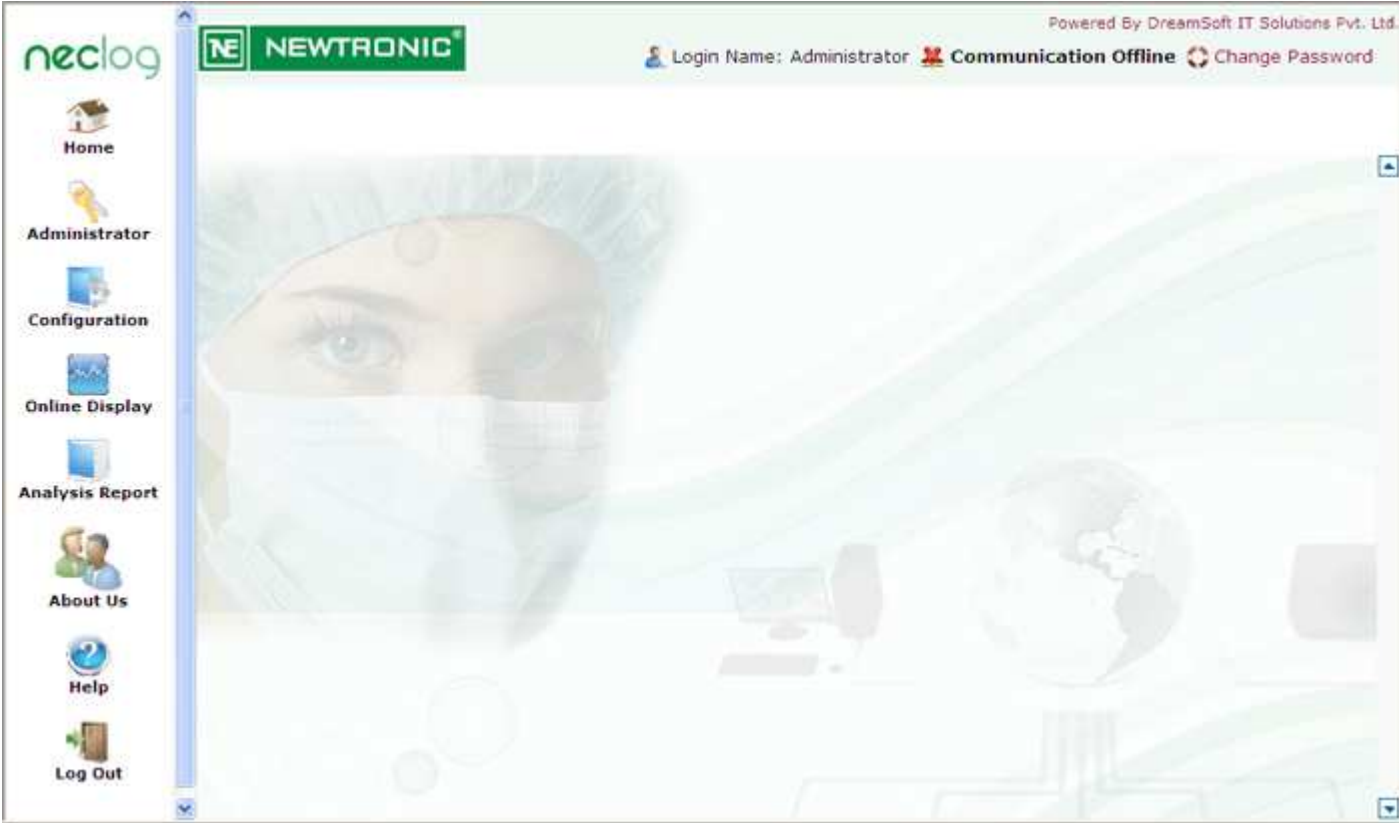
Username :

Password :

**LOGIN**

neclog Application works best with Internet Explorer 8.0 and above.

**4. Definitions of ICONS on the main screen**



**Main Screen Icon:**

1. **Administrator:** This Menu allows User to manage Application Group, Users, Application Setting, Database Backup, Restore Database and Import database.
  - **Application Group:** This option allows managing and editing Group and Group Access Rights.
  - **Application Users:** This option allows managing Users and allocated Application Group so that access rights will be applicable as per group once user logs in.
  - **Application Setting:** This option allows managing Application Setting like Company Name, Header Note, Footer Note, Remote Back up Path and Local Backup Path.
  - **Database Backup:** This option allows taking Database Backup at defined Backup path in Application Setting.
  - **Restore Database:** This option allows to Restore Database Backup.
  - **Import Data:** This option allows User to Import Backup Data taken from the Data logger for selected Instrument.
  - **Import Alarm:** This option allows User to Import Backup Alarm taken from the Data logger for selected Instrument.
  
2. **Configuration:** This option allows User to Manage Master Data like Instrument Configuration, Channel Group and RTC Updates.
  - **Instrument Configuration:** This option allows User to manage Instrument Configuration.
  - **Channel Group:** This option allows User to manage Channel Group w.r.t. Instrument.
  - **RTC Updates:** This option allows User to update RTC of Data Logger with System Clock.
  
3. **Online Display:** This option allows user to view Online Real Time data and Real Time Graph.
  - **Online Display:** This option allows User to Monitor Real time Value.
  - **Real Time Graph:** This option allows User to Monitor Real Time Value and Graph.
  
4. **Analysis Report:** This option allows user to view Reports/Alarm for selected Date and Time
  - **Data log:** This Option allows User to View, e-sign Review and print data log for selected Date and Time.
  - **Reviewed Data log:** This Option allows User to View, Print and to e- sign Approve displayed reviewed data log.
  - **Approved Data log:** This Option allows User to view and print Approved Data Log Report.
  
  - **Alarm Log:** This Option allows User to view Acknowledge Alarm Log, Review Alarm Log, Approve Alarm Log and Alarm Log Report.
    - **Acknowledge Alarm Log:** This Option allows User to View, Print and to acknowledge logged Alarm.
    - **Review Alarm Log:** This Option allows User to View, Print and Review Acknowledged Alarm.
    - **Approve Alarm Log:** This Option allows User to View and Approve Reviewed Alarm.
    - **Alarm Log:** This Option allows User to view and print Approved Alarm Log.
    - **Reviewed Approved Alarm Log:** This option view approved and Reviewed Alarm Log.
  
  - **Audit Trail:** This Option allows User to view Instrument Audit Trail, User Audit Trail, Alarm Audit Trail and Reviewed Approved Instrument Log reports.
    - **Instrument Audit Trail:** This Option allows User to view and print Instrument Audit Trail Report.
    - **User Audit Trail:** This Option allows User to view and print User Audit Trail Report.
    - **Alarm Audit Trail:** This Option allows User to view and print Alarm Audit Trail Report.
    - **Reviewed Approved Instrument Log:** This Option allows User to view and print the Reviewed /Approved Instrument Log Report.

5. **About Us:** This option allows User to view Company details.
6. **Log Out:** This option allows user to log out from the application.

### 5. Administrator

5.1 **Application Group**: Clicking on Group Tab in Administrator Menu below window will open from where User can manage Groups. Application Group will generate User Audit Trail.

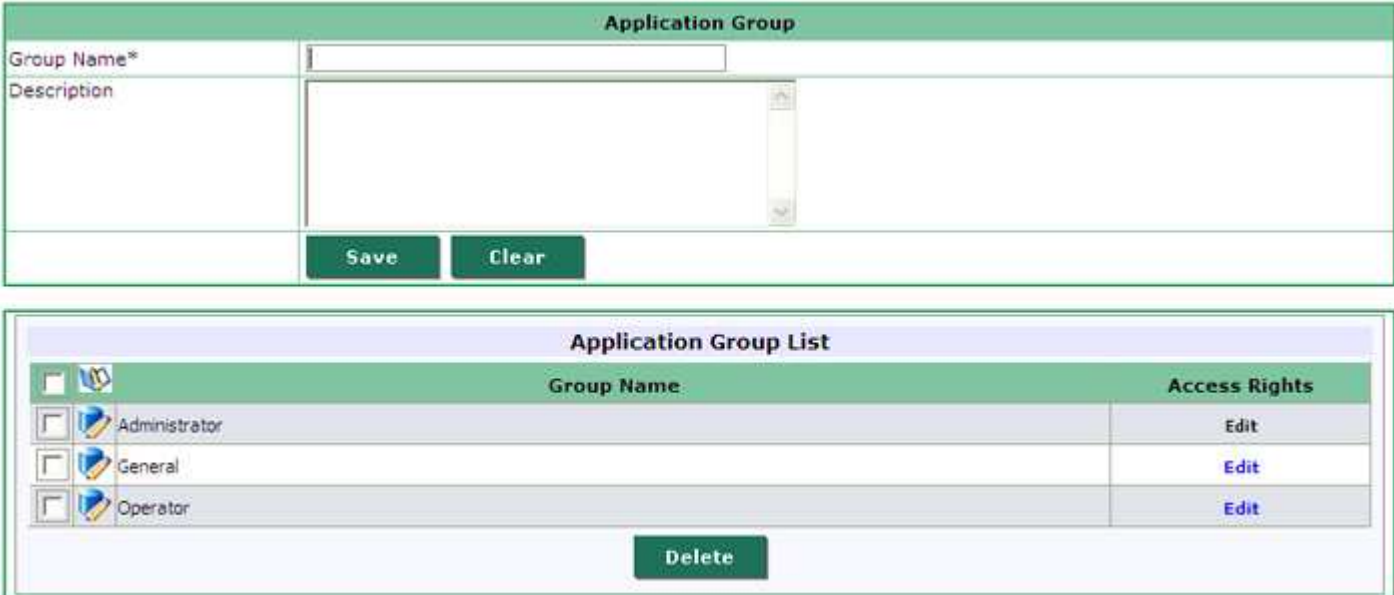


Fig. 5.1.1 Application Group

In Application Group Window User is able to Manage following details.

- **Group Name:** Enter group name.
- **Description:** Enter Small Description related that group if any.
- **Save:** Click To save Entered data.
- **Clear:** Click To Clear Entered data.
- **Edit Icon in Group List:** To Edit Current Record.
- **Access Rights:** Opens a New Window as shown in fig. 5.1.2

Manage Groups Access Rights						
<input type="checkbox"/> Select / Deselect All						
Module Name	Page Name	Read	Write	Edit	Delete	
Administrator	Group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Administrator	User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Administrator	Application Setting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Administrator	Database Backup	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Administrator	Restore Database	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Administrator	Import	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Configuration	Equipment Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Configuration	Channel Group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Configuration	RTC Updates	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Online Display	Online Display	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Online Display	Real Time Graph	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Data Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Acknowledge Alarm Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Reviewed Data Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Review Alarm Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Approved Data Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Approve Alarm Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Alarm Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Alarm Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Audit Trail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analysis Report	Equipment Audit Trail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Fig. 5.1.2 Application Group Access Rights

From here user can define different Access Rights for different saved/added groups.

- **Update:** Click on update to save changes.
- **Close:** Click Close to close Access Rights Window.

**5.2 Application Users:** Click on Users Tab in Administrator Menu below window will open from where User can manage Users. Application user will generate User Audit Trail.

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NEWTRONIC® Login Name: Administrator Communication Online Change Password

Group User Application Setting Database Backup Restore Database Import Data Import Alarm

### Manage User

User Name*	<input type="text"/>	(Max 15 char)
Password*	<input type="password"/>	(Min 8 char / Max 15 char / Should be Alphanumeric)
Password Duration*	<input type="text"/>	(Month's)
Person Name*	<input type="text"/>	
Group Name*	Select Group	
Status	<input type="checkbox"/> Active	

Save Clear

### Manage Existing Users [Records Found :2]

	User Name	Person Name	Group Name	Status
<input type="checkbox"/>	admin	Administrator	Administrator	Active
<input type="checkbox"/>	neclog	neclog	Administrator	Active

Delete




Fig. 5.2.1 Application Users

In Application User Window User will be able to View/Update following details.

- **User Name:** Enter User Name which will use as Login Name.
- **Password:** Enter Password (case sensitive).
- **Password Duration:** Enter Password Duration in Months
- **Person Name:** Enter Person Name.
- **Group Name:** Select Group Name of User from Drop down List.
- **Block Status:** Select User status weather Blocked or Not.
- **Save:** Click To save Entered data.
- **Clear:** Click To Clear Entered data.
- **Edit Icon in User List:** To edit selected User.
- **Delete:** Click Delete to delete selected User.

**5.3 Application Setting:** Click on Application Setting Tab in Administrator Menu below window will open from where User can manage Application Setting. Application Setting will generate User Audit Trail.

Powered By DreamSoft IT Solutions Pvt. Ltd.

 Login Name: Administrator  Communication Online  Change Password

Group	User	Application Setting	Database Backup	Restore Database	Import Data	Import Alarm
-------	------	---------------------	-----------------	------------------	-------------	--------------

Application Setting	
Company Name*	Newtronics Equipment Pvt. Ltd.
Header Note*	Newtronics Equipment Pvt. Ltd.
Footer Note*	Neclog Application
Remote Backup Path	<input type="text"/> (Path should end with '\')
Local Backup Path*	D:\ <input type="text"/> (Path should end with '\')
Backup Time*	23 (HH) : 59 (MM) (24 Hour Format)
<input type="button" value="Update"/>	

**Fig. 5.3.1 Application Setting**

In Above window the User Views/Updates following details.

- **Company Name:** Enter Company Name.
- **Header Note:** Enter Header Note. Header note will be display at the header of analysis repots.
- **Footer Note:** Enter Footer Note. Footer Note will be display at the footer of analysis repots.
- **Remote Backup Path:** Enter Remote Backup Path where Detail will save on remote Server.
- **Local Backup Path:** Enter Local Backup Path where Detail will save on Local Server.
- **Backup Time:** Enter Backup Time in hours (HH) & minutes (MM) (24 Hour format).
- **Update:** Click to Update Entered Data.

5.4 **Database Backup:** Click on Database Backup Tab in Administrator Menu below window will open from where User can manage Database. Database Backup will generate User Audit Trail. It is recommended to take database from server machine only.

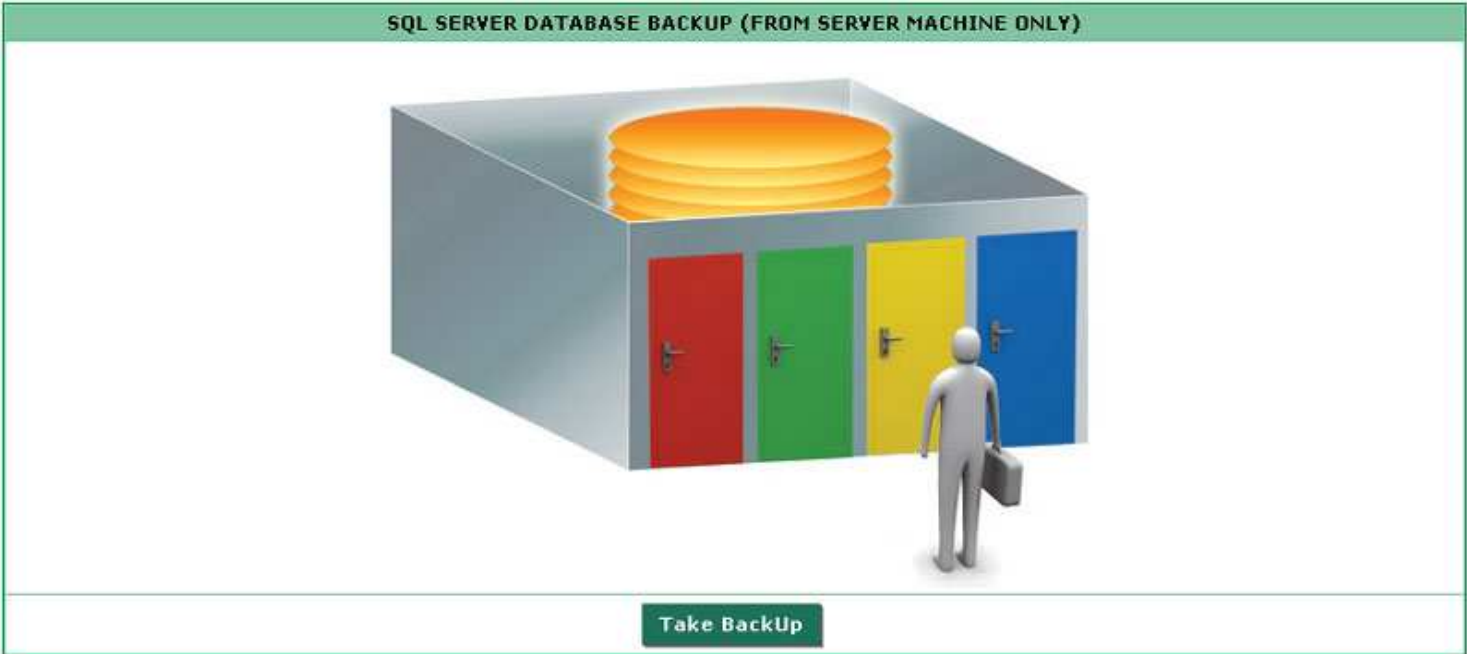


Fig. 5.4.1 Database Backup

In Above Window we can see TAKE BACKUP Button Click to Take Backup of Database, After Taking Backup, New Window will Open having DATABASE BACKUP SUCCESSFUL Message as shown below.



Fig. 5.4.2 Database Backup

- 5.5 **Restore Database:** Click on Restore Database Tab in Administrator Menu below window will open from where User can Restore Database. Restore Database will generate User Audit Trail. It is recommended to restore database from server machine only.



Fig. 5.5.1 Restore Database

In Above Window we can see following details.

- **Restore:** Click Restore button to Restore Database.

- 5.6 **Import Data:** Click on Import Data Tab in Administrator Menu below window will open from where User can Import Backup Database (Data/Alarm) taken from the Instrument. Import file will generate User Audit Trail.

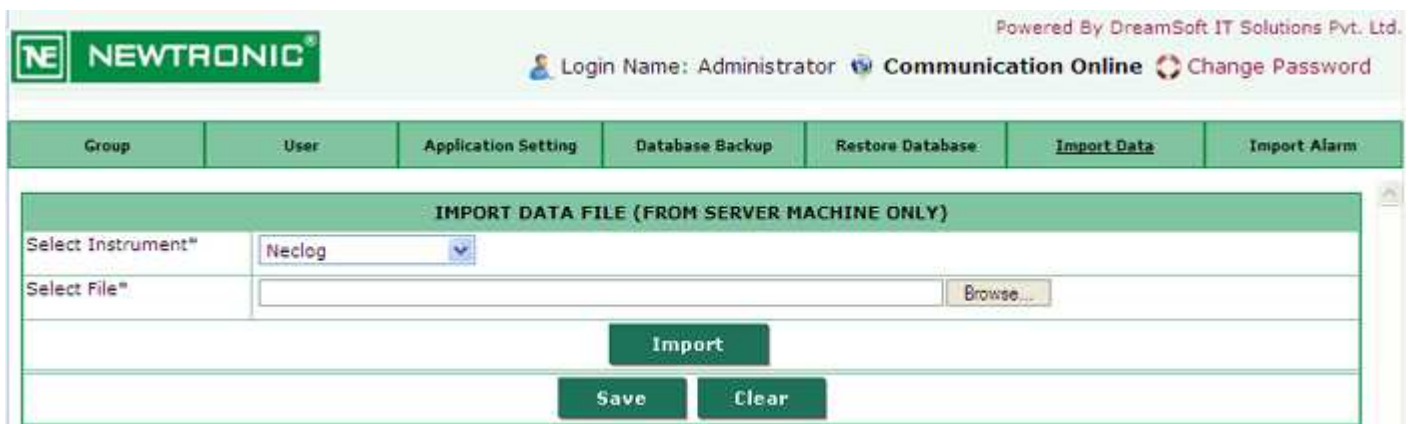


Fig. 5.6.1 Import Data

In Above Window we can see following details.

- **Select Instrument:** Select Instrument.
- **Select File:** Browse the Nec file, which you want to import.
- **Import:** Click to Import Nec file.
- **Save:** Click save to save the changes.
- **Clear:** Click clear to clear the selection.

**5.7 Import Alarm:** Click on Import Alarm Tab in Administrator Menu below window will open from where User can Import Alarm details taken from the Instrument. Import file will generate User Audit Trail.

The screenshot shows the NEWTRONIC neclog 1.0 web application interface. At the top, there is a navigation menu with the following tabs: Group, User, Application Setting, Database Backup, Restore Database, Import Data, and Import Alarm. The 'Import Alarm' tab is selected. Below the navigation menu, there is a header area with the NEWTRONIC logo on the left and the text 'Powered By DreamSoft IT Solutions Pvt. Ltd.' on the right. Below the header, there is a user information section showing 'Login Name: Administrator' and 'Communication Online' with a 'Change Password' link. The main content area is titled 'IMPORT ALARM FILE (FROM SERVER MACHINE ONLY)'. It contains a form with the following fields and buttons:
 

- 'Select Instrument\*' dropdown menu with 'Neclog' selected.
- 'Select File\*' text input field with a 'Browse...' button.
- 'Import' button.
- 'Save' button.
- 'Clear' button.

**Fig. 5.7.1 Import Alarm**

In Above Window we can see following details.

- **Select Instrument:** Select Instrument.
- **Select File:** Browse the Nec file, which you want to import.
- **Import:** Click to Import Nec file.
- **Save:** Click save to save the changes.
- **Clear:** Click clear to clear the selection.

### 6. Configuration

**6.1 Instrument Configuration:** Click on Instrument Configuration Tab in Configuration Menu below window will open from where User can manage Instrument Configuration Details. Instrument Configuration will generate Instrument Audit Trail.



Fig. 6.1.1 Instrument Configuration

In above window User can Add/Edit the Instruments with following details.

- **Filter:** Select Filter Type to see particular Instrument List.
- **Enter Filter:** Enter Selected Filter Type value, which we want to see in List.
- **No of Records per Page:** Instrument list will contain here entered no. of records per page.
- **Search:** Click To get below List.
- **Edit Icon in Instrument List:** Click To Edit Current Record.
- **Add New:** Click to add New Instrument, New Window will open as shown in fig 6.1.2.



Fig. 6.1.2 Add Instrument

In above window User Can add new Instrument by entering following details.

- **Instrument Name:** Enter Instrument Name as shown.
- **IP Address:** Enter IP Address as shown.
- **Log Interval:** Enter Log Interval in minutes as shown.
- **Status:** Select Status weather Active or Not.
- **Total No. Of Probes:** Select Total No of Probes.
- **Active Probes:** Enter Active No. of Probes.
- **Details:** Enter Details If any.
- **Save:** Click To Save Entered Data.
- **Clear:** Click To Clear Entered Data.

**6.2 Graph Color Settings:** Click on Graph Color Settings Tab in Configuration Menu below window will open from where User can manage Graph Color Settings.

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NE NEWTRONIC® Login Name: Administrator Communication Online Change Password

Instrument Configuration Graph Color Setting Channel Group RTC Updates

Manage Color

Instrument Name Neclog

Ch. No.	Parameter 1 Channel Name	Select Color	Axis	Ch. No.	Parameter 2 Channel Name	Select Color	Axis
1	Temperature1	Black	Primary	2	Humidity1	Black	Primary
3	Temperature2	Black	Primary	4	Humidity2	Black	Primary
5	Temperature3	Black	Primary	6	Humidity3	Black	Primary
7	Temperature4	Black	Primary	8	Humidity4	Black	Primary
9	Temperature5	Black	Primary	10	Humidity5	Black	Primary
11	Temperature6	Black	Primary	12	Humidity6	Black	Primary
13	Temperature7	Black	Primary	14	Humidity7	Black	Primary
15	Temperature8	Black	Primary	16	Humidity8	Black	Primary
17	Temperature9	Black	Primary	18	Humidity9	Black	Primary
19	Temperature10	Black	Primary	20	Humidity10	Black	Primary
21	Temperature11	Black	Primary	22	Humidity11	Black	Primary
23	Temperature12	Black	Primary	24	Humidity12	Black	Primary
25	Temperature13	Black	Primary	26	Humidity13	Black	Primary
27	Temperature14	Black	Primary	28	Humidity14	Black	Primary
29	Temperature15	Black	Primary	30	Humidity15	Black	Primary
31	Temperature16	Black	Primary	32	Humidity16	Black	Primary

Update

In above window User can select the Instrument and set the color to cannels accordingly.

- **Instrument Name:** Select the Instrument Name.
- **Select Color:** Select the color for different channels.
- **Axis:** Select the Axis as primary or secondary.
- **Update:** Click to update.

**6.3 Channel Group:** Click on Channel Group Tab in Configuration Menu below window will open from where user can manage Instrument Channel Details. Channel Group will generate Instrument Audit Trail.



The screenshot displays a web interface for managing instrument channels. At the top left, there is an 'Edit' icon. Below it is a 'Search Instrument' section with a 'Filter' dropdown menu set to 'Instrument Name', a search input field, and a 'Search' button. The 'No. Of Records Per Page' is set to 15. Below the search section is a table titled 'Manage Existing Instrument [Records Found : 1]'. The table has four columns: 'Instrument Name', 'Active Probes', 'IP Address', and 'Status'. The first row contains the data: 'Nedog', '16', '192.162.0.100', and 'Active'.

Manage Existing Instrument [Records Found : 1]			
Instrument Name	Active Probes	IP Address	Status
Nedog	16	192.162.0.100	Active

**Fig. 6.3.1 Channel Group**

In above window User can see following details.

- **Filter:** Select Filter Type from Dropdown List to see particular Instrument Channel List.
- **Enter Filter:** Enter Selected Filter Type value, which we want to see in List.
- **No of Records per Page:** Instrument Channel list will contain here entered no. of records per page.
- **Search:** Click To get below List.
- **Edit Icon in Instrument Channel List:** Click To Edit Current Record. , New Window will open as shown in fig 6.3.2.



Manage Channel Group									
Instrument Name		Neclog							
Parameter 1					Parameter 2				
Ch No.	Channel Name	Unit	Lower Limit	Upper Limit	Ch No.	Channel Name	Unit	Lower Limit	Upper Limit
1	Temperature1	°C	0	0	2	Humidity1	%RH	0	0
3	Temperature2	°C	0	0	4	Humidity2	%RH	0	0
5	Temperature3	°C	0	0	6	Humidity3	%RH	0	0
7	Temperature4	°C	0	0	8	Humidity4	%RH	0	0
9	Temperature5	°C	0	0	10	Humidity5	%RH	0	0
11	Temperature6	°C	0	0	12	Humidity6	%RH	0	0
13	Temperature7	°C	0	0	14	Humidity7	%RH	0	0
15	Temperature8	°C	0	0	16	Humidity8	%RH	0	0
17	Temperature9	°C	0	0	18	Humidity9	%RH	0	0
19	Temperature10	°C	0	0	20	Humidity10	%RH	0	0
21	Temperature11	°C	0	0	22	Humidity11	%RH	0	0
23	Temperature12	°C	0	0	24	Humidity12	%RH	0	0
25	Temperature13	°C	0	0	26	Humidity13	%RH	0	0
27	Temperature14	°C	0	0	28	Humidity14	%RH	0	0
29	Temperature15	°C	0	0	30	Humidity15	%RH	0	0
31	Temperature16	°C	0	0	32	Humidity16	%RH	0	0

**Update**

Fig. 6.3.2 Edit Channel Group

In above window User views following details.

- **Instrument Name:** Displays selected Instrument Name.
- **Channel Name:** Enter or Edit Channel Name.
- **Lower Limit:** Enter or Edit Lower Limit of channel.
- **Upper Limit:** Enter or Edit Upper Limit of channel.
- **Update:** Click To Update Entered Data.

**6.4 RTC Updates:** Click on RTC Updates Tab in Configuration Menu below window will open from where user can synchronize logger time with System Time. RTC updates will generate Instrument Audit Trail.

Update Instrument RTC			
System Time	02-Feb-2012 3:35:37 PM		
Filter	Instrument Name	<input type="text"/>	
No. Of Records Per Page	15	<input type="button" value="Search"/>	
Existing Instrument[Records Found : 1]			
<input type="checkbox"/>	Instrument Name	Active Probes	IP Address
<input type="checkbox"/>	Neclog	16	192.162.0.100
		<input type="button" value="Update"/>	
Status			
Active			

**Fig. 6.4.1 RTC Updates**

In above window User Views following details.

- **Instrument Name:** Displays Instrument Name.
- **Active Probes:** Shows the active probes.
- **IP Address:** Displays IP Address of Instrument.
- **Status:** Displays Status of Instrument whether active or not.
- **Update:** Click To Update RTC of selected Instrument.

## 7. Online Display

**7.1 Online Display:** Click on Online Display Tab in Online Display Menu below window will open from where User can Monitor Online Display of Channel.

Online Display											
Instrument Name		Nedlog									
Parameter 1						Parameter 2					
Ch No.	Channel Name	Unit	Lower Limit	Value	Upper Limit	Ch No.	Channel Name	Unit	Lower Limit	Value	Upper Limit
1	Temperature1	°C	0	0	0	2	Humidity1	%RH	0	0	0
3	Temperature2	°C	0	0	0	4	Humidity2	%RH	0	0	0
5	Temperature3	°C	0	0	0	6	Humidity3	%RH	0	0	0
7	Temperature4	°C	0	0	0	8	Humidity4	%RH	0	0	0
9	Temperature5	°C	0	0	0	10	Humidity5	%RH	0	0	0
11	Temperature6	°C	0	0	0	12	Humidity6	%RH	0	0	0
13	Temperature7	°C	0	0	0	14	Humidity7	%RH	0	0	0
15	Temperature8	°C	0	0	0	16	Humidity8	%RH	0	0	0
17	Temperature9	°C	0	0	0	18	Humidity9	%RH	0	0	0
19	Temperature10	°C	0	0	0	20	Humidity10	%RH	0	0	0
21	Temperature11	°C	0	0	0	22	Humidity11	%RH	0	0	0
23	Temperature12	°C	0	0	0	24	Humidity12	%RH	0	0	0
25	Temperature13	°C	0	0	0	26	Humidity13	%RH	0	0	0
27	Temperature14	°C	0	0	0	28	Humidity14	%RH	0	0	0
29	Temperature15	°C	0	0	0	30	Humidity15	%RH	0	0	0
31	Temperature16	°C	0	0	0	32	Humidity16	%RH	0	0	0

Fig. 7.1.1 Online (Real) Display

In Online Display User monitor following details see in fig 7.1.1.

- **Channel Name:** Selected Instrument's Channel information below list will display.
- **Parameter Name:** Shows Parameter Name (Channel Name) of Selected Instrument.
- **Unit:** Shows Units of particular Channel.
- **Lower:** Shows Lower Limit of particular Channel.
- **Value:** Shows Real Time Value of individual connected Channel. Channel Value will display in red if value will be above or below then Upper Limit or Lower Limit.
- **Upper:** Shows Upper Limit of particular Channel.

7.2 **Real Time Graph:** Click on Real Time Graph Tab in Online Display Menu below window will open from where User can Monitor Real Time Data Display.

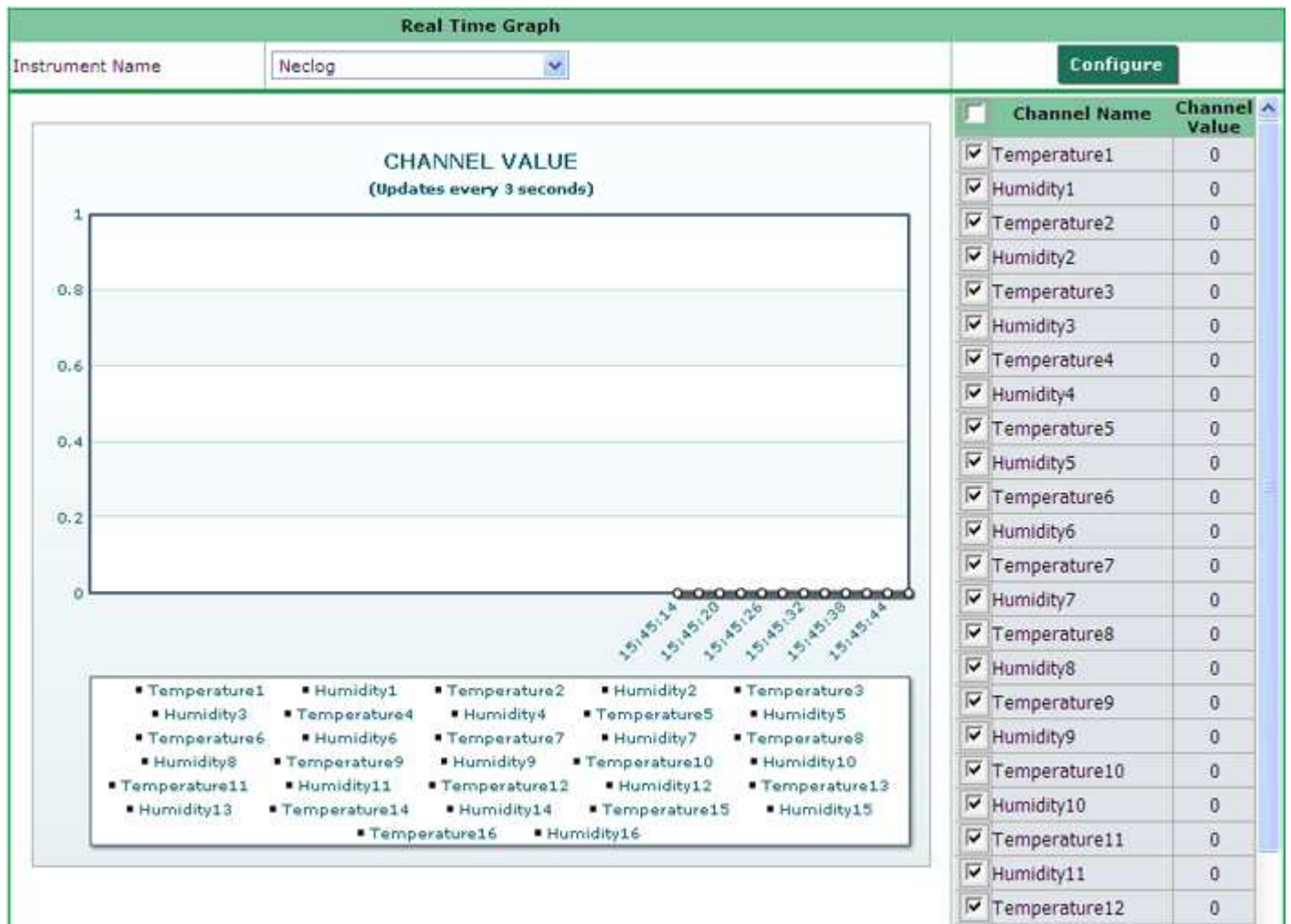


Fig. 7.2.1 Real time Data Display

In Real Time Graph User monitor following details see in Fig 7.2.1

- **Instrument Name:** Shows selected Instrument Name.
- **Channel Name:** Shows Channels in selected Instrument.
- **Channel Value:** Shows Online Real Value of Particular Channel.
- **Configure:** This button will allow user to select particular channel whose Real time Graph and Real time Values has to View.
- **Submit:** Selected channel will be submitted and graph will display only selected channel's value.

## 8. Analysis Report

**8.1. Data Log:** Click on Data Log Tab in Analysis Report menu below window will open, which allow user to View Data Log Details.

Data Log							
From Date	02022012	To Date	02-Feb-2012				
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)				
Instrument Name	Neclog	Plotting Duration	1 (Minutes) If Date Diff. is more then, please. use max. plot duration				
Parameter 1			Parameter 2				
<input type="checkbox"/>	Ch No.	Channel Name	Unit	<input type="checkbox"/>	Ch No.	Channel Name	Unit
<input type="checkbox"/>	1	Temperature1	° C	<input type="checkbox"/>	2	Humidity1	%RH
<input type="checkbox"/>	3	Temperature2	° C	<input type="checkbox"/>	4	Humidity2	%RH
<input type="checkbox"/>	5	Temperature3	° C	<input type="checkbox"/>	6	Humidity3	%RH
<input type="checkbox"/>	7	Temperature4	° C	<input type="checkbox"/>	8	Humidity4	%RH
<input type="checkbox"/>	9	Temperature5	° C	<input type="checkbox"/>	10	Humidity5	%RH
<input type="checkbox"/>	11	Temperature6	° C	<input type="checkbox"/>	12	Humidity6	%RH
<input type="checkbox"/>	13	Temperature7	° C	<input type="checkbox"/>	14	Humidity7	%RH
<input type="checkbox"/>	15	Temperature8	° C	<input type="checkbox"/>	16	Humidity8	%RH
<input type="checkbox"/>	17	Temperature9	° C	<input type="checkbox"/>	18	Humidity9	%RH
<input type="checkbox"/>	19	Temperature10	° C	<input type="checkbox"/>	20	Humidity10	%RH
<input type="checkbox"/>	21	Temperature11	° C	<input type="checkbox"/>	22	Humidity11	%RH
<input type="checkbox"/>	23	Temperature12	° C	<input type="checkbox"/>	24	Humidity12	%RH
<input type="checkbox"/>	25	Temperature13	° C	<input type="checkbox"/>	26	Humidity13	%RH
<input type="checkbox"/>	27	Temperature14	° C	<input type="checkbox"/>	28	Humidity14	%RH
<input type="checkbox"/>	29	Temperature15	° C	<input type="checkbox"/>	30	Humidity15	%RH
<input type="checkbox"/>	31	Temperature16	° C	<input type="checkbox"/>	32	Humidity16	%RH
<input type="button" value="Search"/>		<input type="button" value="Graph"/>					

**Fig. 8.1.1 Data Log**

In above window User Views following details.

- **From Date:** Select Date from when we want to view Data Log.
- **To Date:** Select Date Up to when we want to view Data Log.
- **From Time:** Select Time In from when we want to view Data Log.
- **To Time:** Select Time Out Up to when we want to view Data Log.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Plotting Duration:** Select Duration from drop down List.
- **Search:** Clicking on search button will display data log of selected RTC as shown in Fig. 8.1.2.

Back		Data Log	
Instrument Name	Neclog		
No. Of Records Per Page	<input type="text" value="50"/>	<input type="button" value="Search"/>	From Date : 01-Jan-2012 To Date : 02-Feb-2012

Fig. 8.1.2 Data Log

In above fig. 8.1.2 User views following details.

- **Back:** Click to go back to data log window.
- **No of Records per Page:** Channel list will contain here entered no. of records per page.
- **Search:** Click To get Data log List.
- **Print :** To print the displayed data Log Report in format as shown below in fig 8.1.3

Newtronic Equipment Pvt. Ltd.

Newtronic Equipment Pvt. Ltd.

## Data Log Report

## Instrument Name / Group Name

Records From: - 06/08/2010 03:39:00      Records To: - 06/08/2010 03:49:00

## Channel Summary

Channel Name	Min	Max	Avg	Channel Name	Min	Max
Col 1: Temperature1 (°C)	24.90	25.00	24.92	Col 17: Temperature9 (°C)	25.10	25.30
Col 2: Humidity1 (%RH)	39.50	40.50	40.07	Col 18: Humidity9 (%RH)	39.10	40.10
Col 3: Temperature2 (°C)	24.80	24.90	24.81	Col 19: Temperature10 (°C)	24.90	25.00
Col 4: Humidity2 (%RH)	39.30	40.30	39.85	Col 20: Humidity10 (%RH)	39.10	40.00
Col 5: Temperature3 (°C)	24.80	24.90	24.84	Col 21: Temperature11 (°C)	24.70	24.90
Col 6: Humidity3 (%RH)	39.80	40.80	40.39	Col 22: Humidity11 (%RH)	39.50	40.60
Col 7: Temperature4 (°C)	24.80	24.90	24.81	Col 23: Temperature12 (°C)	24.90	25.10
Col 8: Humidity4 (%RH)	24.90	40.70	40.26	Col 24: Humidity12 (%RH)	39.40	40.40
Col 9: Temperature5 (°C)	24.90	25.00	24.95	Col 25: Temperature13 (°C)	25.20	25.30
Col 10: Humidity5 (%RH)	39.80	40.60	40.19	Col 26: Humidity13 (%RH)	38.90	40.10
Col 11: Temperature6 (°C)	24.70	24.90	24.77	Col 27: Temperature14 (°C)	25.20	25.30
Col 12: Humidity6 (%RH)	39.50	40.30	39.93	Col 28: Humidity14 (%RH)	39.10	40.30
Col 13: Temperature7 (°C)	24.70	24.90	24.82	Col 29: Temperature15 (°C)	25.10	25.20
Col 14: Humidity7 (%RH)	39.90	40.80	40.41	Col 30: Humidity15 (%RH)	38.60	39.90
Col 15: Temperature8 (°C)	24.70	24.80	24.76	Col 31: Temperature16 (°C)	25.10	25.30
Col 16: Humidity8 (%RH)	39.70	40.60	40.18	Col 32: Humidity16 (%RH)	38.90	39.90

Fig. 8.1.3 Data Log

**8.2. Reviewed Data Log:** Click on Reviewed Data Log Tab in Analysis Report menu below window will open, it will allow user to View Reviewed Data Log Details.

Data Log							
From Date	<input type="text" value="02022012"/>			To Date	<input type="text" value="02-Feb-2012"/>		
From Time	<input type="text" value="00"/> (HH) : <input type="text" value="00"/> (MM) (24 Hour Format)			To Time	<input type="text" value="23"/> (HH) : <input type="text" value="59"/> (MM) (24 Hour Format)		
Instrument Name	<input type="text" value="Neclog"/>			Plotting Duration	<input type="text" value="1"/> (Minutes) If Date Diff. is more than, please, use max. plot duration		
Parameter 1				Parameter 2			
<input type="checkbox"/>	Ch No.	Channel Name	Unit	<input type="checkbox"/>	Ch No.	Channel Name	Unit
<input type="checkbox"/>	1	Temperature1	° C	<input type="checkbox"/>	2	Humidity1	%RH
<input type="checkbox"/>	3	Temperature2	° C	<input type="checkbox"/>	4	Humidity2	%RH
<input type="checkbox"/>	5	Temperature3	° C	<input type="checkbox"/>	6	Humidity3	%RH
<input type="checkbox"/>	7	Temperature4	° C	<input type="checkbox"/>	8	Humidity4	%RH
<input type="checkbox"/>	9	Temperature5	° C	<input type="checkbox"/>	10	Humidity5	%RH
<input type="checkbox"/>	11	Temperature6	° C	<input type="checkbox"/>	12	Humidity6	%RH
<input type="checkbox"/>	13	Temperature7	° C	<input type="checkbox"/>	14	Humidity7	%RH
<input type="checkbox"/>	15	Temperature8	° C	<input type="checkbox"/>	16	Humidity8	%RH
<input type="checkbox"/>	17	Temperature9	° C	<input type="checkbox"/>	18	Humidity9	%RH
<input type="checkbox"/>	19	Temperature10	° C	<input type="checkbox"/>	20	Humidity10	%RH
<input type="checkbox"/>	21	Temperature11	° C	<input type="checkbox"/>	22	Humidity11	%RH
<input type="checkbox"/>	23	Temperature12	° C	<input type="checkbox"/>	24	Humidity12	%RH
<input type="checkbox"/>	25	Temperature13	° C	<input type="checkbox"/>	26	Humidity13	%RH
<input type="checkbox"/>	27	Temperature14	° C	<input type="checkbox"/>	28	Humidity14	%RH
<input type="checkbox"/>	29	Temperature15	° C	<input type="checkbox"/>	30	Humidity15	%RH
<input type="checkbox"/>	31	Temperature16	° C	<input type="checkbox"/>	32	Humidity16	%RH
<input type="button" value="Search"/>				<input type="button" value="Graph"/>			

**Fig 8.2.1 Reviewed Data Log**

In above window User views following details.

- **From Date:** Select Date from when we want to view Reviewed Data Log.
- **To Date:** Select Date Up to when we want to view Reviewed Data Log.
- **From Time:** Select Time In from when we want to view Reviewed Data Log.
- **From Time:** Select Time Out Up to when we want to view Reviewed Data Log.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Plotting Duration:** Select Duration in minutes from drop down List.
- **Search:** Click on search button following window will open as shown in Fig. 8.2.2
- **Graph:** Click on Graph button to see the detailed graph.

**Back** **Reviewed Data Log**

Instrument Name **Neclog**

No. Of Records Per Page  **Search** From Date : 01-Jan-2012 To Date : 02-Feb-2012

**Fig. 8.2.2 Reviewed Data Log**

In above fig. 8.2.2 User views following details.

- **Back:** Click to go back to data log window.
- **No of Records per Page:** Channel list will contain here entered no. of records per page.
- **Search:** Click To get below List.
- **Print:** Prints The Displayed Reviewed Data Log Report as shown below in fig. 8.2.3

Newtronic Equipment Pvt. Ltd.

Newtronic Equipment Pvt. Ltd.

**Reviewed Data Log Report****Records From:** - 06/08/2010 03:50:00 **Records To:** - 06/08/2010 07:18:00**Channel Summary**

Channel Name	Min	Max	Avg	Channel Name	Min	Max
Col 1: Temperature1 (°C)	24.30	25.00	24.66	Col 17: Temperature9 (°C)	24.30	25.20
Col 2: Humidity1 (%RH)	37.50	41.20	39.24	Col 18: Humidity9 (%RH)	37.60	41.30
Col 3: Temperature2 (°C)	24.20	24.90	24.54	Col 19: Temperature10 (°C)	24.10	24.90
Col 4: Humidity2 (%RH)	37.20	41.00	38.96	Col 20: Humidity10 (%RH)	37.70	41.20
Col 5: Temperature3 (°C)	24.20	24.90	24.55	Col 21: Temperature11 (°C)	23.90	24.80
Col 6: Humidity3 (%RH)	37.90	41.70	39.68	Col 22: Humidity11 (%RH)	38.20	41.70
Col 7: Temperature4 (°C)	24.00	24.80	24.39	Col 23: Temperature12 (°C)	24.10	25.00
Col 8: Humidity4 (%RH)	24.20	41.60	39.60	Col 24: Humidity12 (%RH)	37.90	41.60
Col 9: Temperature5 (°C)	24.20	25.00	24.57	Col 25: Temperature13 (°C)	24.30	25.20
Col 10: Humidity5 (%RH)	37.80	41.40	39.51	Col 26: Humidity13 (%RH)	37.10	40.80
Col 11: Temperature6 (°C)	24.10	24.80	24.44	Col 27: Temperature14 (°C)	24.50	25.30
Col 12: Humidity6 (%RH)	37.60	41.20	39.26	Col 28: Humidity14 (%RH)	37.10	40.90
Col 13: Temperature7 (°C)	24.20	24.90	24.49	Col 29: Temperature15 (°C)	24.50	25.20
Col 14: Humidity7 (%RH)	38.00	41.60	39.66	Col 30: Humidity15 (%RH)	36.70	40.40
Col 15: Temperature8 (°C)	24.10	24.80	24.46	Col 31: Temperature16 (°C)	24.60	25.30
Col 16: Humidity8 (%RH)	37.70	41.20	39.36	Col 32: Humidity16 (%RH)	36.80	40.60

Fig. 8.2.3 Reviewed data Log

**8.3. Approved Data Log:** Click on Approved Data Log Tab in Analysis Report menu below window will open, it will allow user to View Approved Data Log Details.

Data Log					
From Date	<input type="text" value="02022012"/>	To Date	<input type="text" value="02-Feb-2012"/>		
From Time	<input type="text" value="00"/> (HH) : <input type="text" value="00"/> (MM) (24 Hour Format)	To Time	<input type="text" value="23"/> (HH) : <input type="text" value="59"/> (MM) (24 Hour Format)		
Instrument Name	<input type="text" value="Neclog"/>	Plotting Duration	<input type="text" value="1"/> (Minutes) If Date Diff. is more then, please, use max. plot duration		
Parameter 1			Parameter 2		
<input type="checkbox"/> Ch No.	Channel Name	Unit	<input type="checkbox"/> Ch No.	Channel Name	Unit
<input type="checkbox"/> 1	Temperature1	° C	<input type="checkbox"/> 2	Humidity1	%RH
<input type="checkbox"/> 3	Temperature2	° C	<input type="checkbox"/> 4	Humidity2	%RH
<input type="checkbox"/> 5	Temperature3	° C	<input type="checkbox"/> 6	Humidity3	%RH
<input type="checkbox"/> 7	Temperature4	° C	<input type="checkbox"/> 8	Humidity4	%RH
<input type="checkbox"/> 9	Temperature5	° C	<input type="checkbox"/> 10	Humidity5	%RH
<input type="checkbox"/> 11	Temperature6	° C	<input type="checkbox"/> 12	Humidity6	%RH
<input type="checkbox"/> 13	Temperature7	° C	<input type="checkbox"/> 14	Humidity7	%RH
<input type="checkbox"/> 15	Temperature8	° C	<input type="checkbox"/> 16	Humidity8	%RH
<input type="checkbox"/> 17	Temperature9	° C	<input type="checkbox"/> 18	Humidity9	%RH
<input type="checkbox"/> 19	Temperature10	° C	<input type="checkbox"/> 20	Humidity10	%RH
<input type="checkbox"/> 21	Temperature11	° C	<input type="checkbox"/> 22	Humidity11	%RH
<input type="checkbox"/> 23	Temperature12	° C	<input type="checkbox"/> 24	Humidity12	%RH
<input type="checkbox"/> 25	Temperature13	° C	<input type="checkbox"/> 26	Humidity13	%RH
<input type="checkbox"/> 27	Temperature14	° C	<input type="checkbox"/> 28	Humidity14	%RH
<input type="checkbox"/> 29	Temperature15	° C	<input type="checkbox"/> 30	Humidity15	%RH
<input type="checkbox"/> 31	Temperature16	° C	<input type="checkbox"/> 32	Humidity16	%RH

Fig. 8.3.1 Approved Data Log

In above window User view following details.

- **From Date:** Select Date from when we want to view Approved Data Log.
- **To Date:** Select Date Up to when we want to view Approved Data Log.
- **From Time:** Select Time In from when we want to view Approved Data Log.
- **To Time:** Select Time Out Up to when we want to view Approved Data Log.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Plotting Duration:** Select Duration in minutes from drop down List.
- **Search:** Clicking on search button will display the Approved Data for selected date and time as shown below in Fig. 8.3.2
- **Graph:** Click on graph to see the graph

Back		Approved Data Log									
Instrument Name : <b>Logger</b>											
No. Of Record Per Page	<input type="text" value="50"/>	<b>Search</b>									
LogDate	LogTime	Temperature 1	Humidity 1	Temperature 2	Humidity 2	Temperature 3	Humidity 3	Temperature 4	Humidity 4	Temperature 5	Humidity 5
06/08/201003:50:00		24.9	39.6	24.8	39.4	24.8	39.9	24.8	39.8	24.8	39.9
06/08/201003:51:00		24.8	39.5	24.8	39.3	24.8	39.8	24.8	39.6	24.8	39.7
06/08/201003:52:00		24.8	39.4	24.7	39.2	24.8	39.7	24.7	39.6	24.8	39.7
06/08/201003:53:00		24.8	39.6	24.7	39.4	24.8	40	24.7	39.8	24.8	39.9
06/08/201003:54:00		24.8	39.7	24.7	39.4	24.8	40	24.7	39.8	24.8	39.9
06/08/201003:55:00		24.8	39.7	24.8	39.4	24.8	40	24.8	39.8	24.8	39.9
06/08/201004:01:00		24.9	40.1	24.8	39.8	24.7	40.4	24.7	40.3	24.9	40.2
06/08/201004:02:00		24.9	40.1	24.8	39.8	24.8	40.5	24.7	40.3	24.8	40.3
06/08/201004:03:00		25	39.9	24.8	39.6	24.9	40.3	24.7	40.1	24.9	40.2
06/08/201004:04:00		25	39.8	24.8	39.6	24.9	40.3	24.7	40.1	24.9	40
06/08/201004:05:00		25	39.7	24.8	39.4	24.9	40.1	24.7	39.9	24.9	39.9
06/08/201004:06:00		25	39.5	24.9	39.2	24.9	39.9	24.8	39.7	25	39.7
06/08/201004:07:00		25	39.6	24.8	39.3	24.9	40	24.7	39.9	24.9	39.9
06/08/201004:08:00		25	39.4	24.9	39.1	24.9	39.8	24.8	39.7	24.9	39.7
06/08/201004:09:00		25	39.4	24.8	39.1	24.9	39.8	24.7	39.7	24.9	39.8
06/08/201004:10:00		25	39.5	24.8	39.2	24.9	39.9	24.7	39.8	24.9	39.9
06/08/201004:11:00		25	39.5	24.9	39.2	24.9	39.9	24.8	39.8	24.9	39.8
06/08/201004:12:00		25	39.4	24.9	39.1	24.9	39.8	24.8	39.7	24.9	39.7
06/08/201004:13:00		25	39.3	24.9	39	24.9	39.7	24.7	39.6	24.9	39.5

**Print**

Fig. 8.3.2 Approved Data Log

In above fig. 8.3.2 we can see following details.

- **Back:** Click to go back to data log window.
- **No of Records per Page:** Channel list will contain here entered no. of records per page.
- **Search:** Click To get below List.
- **Print:** Prints the displayed Approved Data Log print as will open as shown in Fig.3.3

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**Approved Data Log Report**

Records From: - 06/08/2010 03:50:00      Records To: - 06/08/2010 05:24:00

**Channel Summary**

Channel Name	Min	Max	Avg	Channel Name	Min	Max
Col 1: Temperature1 (°C)	24.50	25.00	24.86	Col 17: Temperature9 (°C)	24.80	25.20
Col 2: Humidity1 (%RH)	38.50	40.60	39.44	Col 18: Humidity9 (%RH)	38.00	39.90
Col 3: Temperature2 (°C)	24.40	24.90	24.75	Col 19: Temperature10 (°C)	24.50	24.90
Col 4: Humidity2 (%RH)	38.10	40.40	39.17	Col 20: Humidity10 (%RH)	38.00	39.90
Col 5: Temperature3 (°C)	24.50	24.90	24.77	Col 21: Temperature11 (°C)	24.30	24.80
Col 6: Humidity3 (%RH)	38.80	41.10	39.84	Col 22: Humidity11 (%RH)	38.60	40.30
Col 7: Temperature4 (°C)	24.30	24.80	24.64	Col 23: Temperature12 (°C)	24.50	25.00
Col 8: Humidity4 (%RH)	24.50	41.10	39.73	Col 24: Humidity12 (%RH)	38.40	40.20
Col 9: Temperature5 (°C)	24.50	25.00	24.80	Col 25: Temperature13 (°C)	24.60	25.20
Col 10: Humidity5 (%RH)	38.70	40.40	39.69	Col 26: Humidity13 (%RH)	37.90	40.10
Col 11: Temperature6 (°C)	24.30	24.80	24.63	Col 27: Temperature14 (°C)	24.70	25.30
Col 12: Humidity6 (%RH)	38.50	40.30	39.45	Col 28: Humidity14 (%RH)	38.00	40.20
Col 13: Temperature7 (°C)	24.40	24.90	24.70	Col 29: Temperature15 (°C)	24.70	25.20
Col 14: Humidity7 (%RH)	38.90	40.70	39.84	Col 30: Humidity15 (%RH)	37.50	39.70
Col 15: Temperature8 (°C)	24.30	24.80	24.67	Col 31: Temperature16 (°C)	24.90	25.30
Col 16: Humidity8 (%RH)	38.60	40.40	39.57	Col 32: Humidity16 (%RH)	37.60	39.90

Fig. 8.3.3 Approved data Log

## 8.4 Alarm log

**8.4.1 Acknowledge Alarm Log:** Click on Acknowledge Alarm Log Tab in Alarm Log Option of Analysis Report menu below window will open, it will allow user to Acknowledge Alarm Log and view Alarm Log Report.

Acknowledge Alarm Log

From Date	01-Jan-2012 <input type="text"/>	To Date	02-Feb-2012 <input type="text"/>
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	12 (HH) : 20 (MM) (24 Hour Format)
Instrument Name	Neclog <input type="text"/>		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
No. Of Records Per Page	15 <input type="text"/>		
<input type="button" value="Search"/>			

Manage Alarm Log [Records Found : 1]

	Log Date	Log Time	Instrument Name	Alarm Desc
<input type="checkbox"/>	02/02/2012	11:12	Neclog	COMMUNICATION FAILURE

Fig. 8.4.1.1 Acknowledge Alarm Log

In above window we can see following details.

- **From Date:** Select Date from when we want to view Alarm Log.
- **To Date:** Select Date Up to when we want to view Alarm Log.
- **From Time:** Select Time In from when we want to view Alarm Log.
- **To Time:** Select Time Out Up to when we want to view Alarm Log.
- **Instrument Name:** Select Instrument Name from drop down List.
- **No. of Records Per Page:** Enter the number.
- **Search:** Click on search button for below List.
- **Acknowledge:** Selected Alarm Log will be acknowledge. If once Alarm Log has been acknowledged then that will be display in only Review Alarm log.
- **Print:** Prints the Viewed Alarm Log Report in the format as shown in fig. 8.4.1.2.

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**Alarm Log****Records From :** 07/06/2010 23:18:00**Records To :** 07/08/2010 23:51:30

<b>Sr No</b>	<b>LogDate</b>	<b>LogTime</b>	<b>Instruments Name</b>	<b>Alarm Description</b>
1	06/07/2010	23:18.00	Logger	CHANNEL 22 HIGH ALARM
2	06/07/2010	23:18.00	Logger	CHANNEL 23 HIGH ALARM
3	06/07/2010	23:18.00	Logger	CHANNEL 54 LOW ALARM
4	06/07/2010	23:51.00	Logger	CHANNEL 16 HIGH ALARM
5	06/07/2010	23:51.00	Logger	CHANNEL 18 HIGH ALARM
6	06/07/2010	23:51.00	Logger	CHANNEL 19 HIGH ALARM
7	06/07/2010	23:51.30	Logger	CHANNEL 20 HIGH ALARM

**Fig. 8.4.1.2 Alarm Log**

- 8.4.2 Review Alarm Log:** Click on Review Alarm Log Tab in Alarm Log Option of Analysis Report menu following window will open, it will allow user to review Alarm Log and View Acknowledged Alarm Log Report.

**Review Alarm Log**

From Date	02-Feb-2012 <input type="text"/>	To Date	02-Feb-2012 <input type="text"/>
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)
Instrument Name	Neclog <input type="text"/>		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
No. Of Records Per Page	15 <input type="text"/>		
<input type="button" value="Search"/>			

**Manage Alarm Log [Records Found : 1]**

Log Date	Log Time	Instrument Name	Alarm Desc	Acknowledge By	Acknowledge DateTime
02/02/2012	11:12	Neclog	COMMUNICATION FAILURE	admin	02/02/2012 12:29:49

**Fig. 8.4.2.1 Review Alarm Log**

In above window we can see following details.

- **From Date:** Select Date from when we want to view Review Alarm Log.
- **To Date:** Select Date Up to when we want to view Review Alarm Log.
- **From Time:** Select Time In from when we want to view Review Alarm Log.
- **To Time:** Select Time Out Up to when we want to view Review Alarm Log.
- **Instrument Name:** Select Instrument Name from drop down List.
- **No. of Records per Page:** Enter the number.
- **Search:** Click on search button for below List.
- **Review:** Selected Acknowledged Alarm Log will be reviewed. If once Acknowledged Alarm Log has reviewed then that will be display in only Approve Alarm log.
- **Print:** Prints the Viewed Acknowledged Alarm Log Report in the format as shown in fig. 8.4.2.2.

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**Acknowledged Alarm Log**

Records From: 07/06/2010 23:18:00      Records To: 07/06/2010 23:51:00

Sr No	LogDate	LogTime	Instruments Name	Alarm Description	Ack Date	Ack Time	Acknowledge By
1	06/07/2010	23:18:00	Logger	CHANNEL 20 HIGH ALARM	11/06/2010	11:22:49	admin
2	06/07/2010	23:18:00	Logger	CHANNEL 21 HIGH ALARM	11/06/2010	11:22:49	admin
3	06/07/2010	23:18:10	Logger	CHANNEL 20 HIGH ALARM	11/06/2010	11:22:49	admin
4	06/07/2010	23:51:00	Logger	CHANNEL 17 HIGH ALARM	06/11/2010	17:18:25	Operator

**Fig. 8.4.2.2 Acknowledge Alarm Log**

**8.4.3 Approve Alarm Log:** Click on Approve Alarm Log Tab in Alarm Log Option of Analysis Report menu following window will open, it will allow user to Approve Alarm Log and View Reviewed Alarm Log Report.

**Approve Alarm Log**

From Date	02-Feb-2012	To Date	02-Feb-2012
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)
Instrument Name	Neclog		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
No. Of Records Per Page	15		
<input type="button" value="Search"/>			

**Manage Alarm Log [Records Found : 1]**

Log Date	Log Time	Instrument Name	Alarm Desc	Acknowdge By	Acknowledge DateTime
02/02/2012	11:12	Neclog	COMMUNICATION FAILURE	admin	02/02/2012 12:29:49

**Fig. 8.4.3.1 Approve Alarm Log**

In above window we can see following details.

- **From Date:** Select Date from when we want to view Approve Alarm Log.
- **To Date:** Select Date Up to when we want to view Approve Alarm Log.
- **From Time:** Select Time In from when we want to view Approve Alarm Log.
- **To Time:** Select Time Out Up to when we want to view Approve Alarm Log.
- **Instrument Name:** Select Instrument Name from drop down List.
- **No. of Records per Page:** Enter the number.
- **Search:** Click on search button for below List.
- **Approve:** Selected Reviewed Alarm Log will be Approve. If once Reviewed Alarm Log has Approve then that will be display in only Approved Alarm log.
- **Print:** Prints the View Reviewed Alarm Log Report in format as shown in fig. 8.4.3.2.

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**Reviewed Alarm Log**

Records From : 07/06/2010 23:18:00

Records To : 07/06/2010 23:18:00

Sl No	LogDate	LogTime	Instrument Name	Alarm Description	Ack Date	Ack Time	Acknowledge By
1	06/07/2010	23:18:00	Logger	CHANNEL 19 HIGH ALARM	11/06/2010	11:22:49	admin
2	06/07/2010	23:18:00	Logger	CHANNEL 21 HIGH ALARM	11/06/2010	11:23:44	admin
3	06/07/2010	23:18:00	Logger	CHANNEL 22 HIGH ALARM	11/06/2010	11:24:09	admin
4	06/07/2010	23:18:00	Logger	CHANNEL 22 HIGH ALARM	11/06/2010	11:24:09	admin
5	06/07/2010	23:18:00	Logger	CHANNEL 22 HIGH ALARM	11/06/2010	11:24:09	admin

Fig. 8.4.3.2 Reviewed Alarm Log

- 8.4.4 Alarm Log:** Click on Alarm Log Tab in Alarm Log Option of Analysis Report menu following window will open, it will allow user to View Approved Alarm Log Report.

**Alarm Log**

From Date	02-Feb-2012 <input type="text"/>	To Date	02-Feb-2012 <input type="text"/>
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)
Instrument Name	Neclog <input type="text"/>		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
No. Of Records Per Page	15 <input type="text"/>		
<input type="button" value="Search"/>			

**Manage Alarm Log [Records Found : 1]**

Log Date	Log Time	Instrument Name	Alarm Desc	Acknowledge By	Acknowledge DateTime
02/02/2012	11:12	Neclog	COMMUNICATION FAILURE	admin	02/02/2012 12:29:49

Fig. 8.4.4.1 Alarm Log

In above window we can see following details.

- **From Date:** Select Date from when we want to view Alarm Log Report.
- **To Date:** Select Date Up to when we want to view Alarm Log Report.
- **From Time:** Select Time In from when we want to view Alarm Log Report.
- **To Time:** Select Time Out Up to when we want to view Alarm Log Report.
- **Instrument Name:** Select Instrument Name from drop down List.
- **No. of Records per Page:** Enter the number.
- **Search:** Click To get below List.
- **Print:** Prints the Viewed Approved Alarm Log Report in format as shown in fig. 8.4.4.2

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**Approved Alarm Log**

Records From: 07/06/2010 23:51:00      Records To: 07/06/2010 23:51:00

Sl No	LogDate	LogTime	Instrument Name	Alarm Description	Ack Date	Ack Time	Acknowledge By
1	06/07/2010	23:51:00	Logger	CHANNEL 21 HIGH ALARM	10/06/2010	18:15:40	admin
2	06/07/2010	23:51:00	Logger	CHANNEL 22 HIGH ALARM	10/06/2010	18:15:40	admin
3	06/07/2010	23:51:00	Logger	CHANNEL 23 HIGH ALARM	10/06/2010	17:09:13	admin
4	06/07/2010	23:51:00	Logger	CHANNEL 23 LOW ALARM	10/06/2010	17:18:57	admin

Fig. 8.4.4.2 Approved Alarm Log

**8.5 Audit Trail:** Click on Audit Trail Tab in Analysis Report menu new window will open, having Instrument Audit Trail, User Audit Trail, Alarm Audit Trail and Reviewed Approved Instrument Log.

**8.5.1 Instrument Audit Trail:** Click on Instrument Audit Trail Tab of Audit trail in Analysis Report following window will open.

Instrument Audit Trail			
From Date	02-Feb-2012	To Date	02-Feb-2012
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)
User Name	admin		
Instrument Name	Neclog		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
<input type="button" value="Print"/>			

Fig. 8.5.1.1 Instrument Audit Trail

In above window we can see following details.

- **From Date:** Select Date from when we want to view Instrument Audit Trail Report.
- **To Date:** Select Date Up to when we want to view Instrument Audit Trail Report.
- **From Time:** Select Time In from when we want to view Instrument Audit Trail Report.
- **From Time:** Select Time Out Up to when we want to view Instrument Audit Trail Report.
- **User Name:** Select User Name from drop down List.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Print:** Prints the Viewed Instrument Audit Trail Report in the format as shown in Fig. 8.5.1.2

Neclog

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**Instrument Audit Trail Report**

Records From: 2010/06/03 10:57:26      Records To: 2010/06/03 11:03:39

Sr No	LogDate	LogTime	Instrument Name	LoginName	Parameter	Old Status	New Status	Comments
1	6/3/2010	10:57:26	Logger	admin	RTC UPDATE STATUS	Active	Active	RTC Updated by Admin
2	6/3/2010	11:00:29	Logger	admin	CHANNEL UPPER LIMIT	0	20	Channel Group Updated by Admin
3	6/3/2010	11:00:29	Logger	admin	CHANNEL LOWER LIMIT	0	12	Channel Group Updated by Admin
4	6/3/2010	11:03:39	Logger	admin	EQUIPMENT CODE	1	100	Equipment Configuration Updated by Admin

Fig. 8.5.1.2 Instrument Audit Trail

**8.5.2 User Audit Trail:** Click on User Audit Trail Tab of Audit trail in Analysis Report following window will open.

User Audit Trail			
From Date	<input type="text" value="02-Feb-2012"/>	To Date	<input type="text" value="02-Feb-2012"/>
From Time	<input type="text" value="00 (HH) : 00 (MM) (24 Hour Format)"/>	To Time	<input type="text" value="23 (HH) : 59 (MM) (24 Hour Format)"/>
User Name	<input type="text" value="admin"/>		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
<input type="button" value="Print"/>			

Fig. 8.5.2.1 User Audit Trail

In above window we can see following details.

- **From Date:** Select Date from when we want to view User Audit Trail Report.
- **To Date:** Select Date Up to when we want to view User Audit Trail Report.
- **From Time:** Select Time In from when we want to view User Audit Trail Report.
- **To Time:** Select Time Out Up to when we want to view User Audit Trail Report.
- **User Name:** Select User Name from drop down List.
- **Print:** Prints the Viewed User Audit Trail Report in the format as shown in Fig. 8.5.2.2

**Necdl**

**User Audit Trial Report**

Records From : 2010/06/03 09:46:37                      Records To : 2010/06/03 11:29:00

Sr No	LogDate	LogTime	LoginName	Event
105	6/3/2010	11:02:05	admin	User Logged In
106	6/3/2010	11:02:05	admin	Equipment Logger Details Updated
107	6/3/2010	11:03:39	admin	User Logged In
108	6/3/2010	11:03:39	admin	Equipment Logger Details Updated
109	6/3/2010	11:24:24	admin	User Logged In
110	6/3/2010	11:24:24	admin	User Logged In
111	6/3/2010	11:24:37	admin	User Logged Out
112	6/3/2010	11:24:40	admin	User Logged In
113	6/3/2010	11:24:40	admin	User Logged In
114	6/3/2010	11:25:52	admin	User Logged In
115	6/3/2010	11:25:52	admin	User Logged In

Fig. 8.5.2.2 User Audit Trail

**8.5.3 Alarm Audit Trail:** Click on Alarm Audit Trail Tab of Audit trail in Analysis Report following window will open.

Alarm Audit Trail			
From Date	02-Feb-2012	To Date	02-Feb-2012
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)
User Name	Select User		
Instrument Name	Neclog		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
Print			

**Fig. 8.5.3.1 Alarm Audit Trail**

In above window we can see following details.

- **From Date:** Select Date from when we want to view Alarm Audit Trail Report.
- **To Date:** Select Date Up to when we want to view Alarm Audit Trail Report.
- **From Time:** Select Time In from when we want to view Alarm Audit Trail Report.
- **To Time:** Select Time Out Up to when we want to view Alarm Audit Trail Report.
- **User Name:** Select User Name from drop down List.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Print:** Prints the Alarm Audit Trail Report in the format as shown in Fig. 8.5.3.2

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**Alarm Log Audit Trial Report**

Records From : 07/06/2010 23:18:00

Records To : 08/06/2010 08:15:00

Sr No	LogDate	LogTime	Instrument Name	Alarm	Ack Date	Ack Time	Ack By	Comments
1	7/6/2010	23:18:00	Logger	CHANNEL 20 HIGH ALARM	6/11/2010	11:22:49AM	admin	q
2	7/6/2010	23:18:00	Logger	CHANNEL 21 HIGH ALARM	6/11/2010	11:22:49AM	admin	q
3	7/6/2010	23:18:00	Logger	CHANNEL 21 HIGH ALARM	6/11/2010	11:23:44AM	admin	q
4	7/6/2010	23:18:00	Logger	CHANNEL 22 HIGH ALARM	6/11/2010	11:24:09AM	admin	q
5	7/6/2010	23:18:00	Logger	CHANNEL 22 HIGH ALARM	6/11/2010	11:24:09AM	admin	q
6	7/6/2010	23:18:00	Logger	CHANNEL 22 HIGH ALARM	6/11/2010	11:24:09AM	admin	q
7	7/6/2010	23:18:00	Logger	CHANNEL 19 HIGH ALARM	6/11/2010	11:22:49AM	admin	q
8	7/6/2010	23:18:10	Logger	CHANNEL 20 HIGH ALARM	6/11/2010	11:22:49AM	admin	q
9	7/6/2010	23:51:00	Logger	CHANNEL 17 HIGH ALARM	11/6/2010	5:18:25PM	Operator	q
10	7/6/2010	23:51:00	Logger	CHANNEL 21 HIGH ALARM	6/10/2010	6:15:40PM	admin	q

**Fig. 8.5.3.2 Alarm Audit Trail**

**8.5.4 Reviewed Approved Data Log:** Click on Reviewed Approved Instrument Log Tab of Audit trail in Analysis Report following window will open.

Reviewed/Approved Data Log			
From Date	<input type="text" value="02-Feb-2012"/>	To Date	<input type="text" value="02-Feb-2012"/>
From Time	<input type="text" value="00 (HH) : 00 (MM) (24 Hour Format)"/>	To Time	<input type="text" value="23 (HH) : 59 (MM) (24 Hour Format)"/>
User Name	<input type="text" value="Select User"/>		
Instrument Name	<input type="text" value="Neclog"/>		
Reviewed/Approved	<input type="text" value="Reviewed"/>		
<p style="color: red;">Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.</p>			
<input type="button" value="Print"/>			

**Fig. 8.5.4.1 Reviewed Approved Instrument Log**

In above window we can see following details.

- **From Date:** Select Date from when we want to view Reviewed Approved Instrument Log Report.
- **To Date:** Select Date Up to when we want to view Reviewed Approved Instrument Log Report.
- **From Time:** Select Time In from when we want to view Reviewed Approved Instrument Log Report.
- **To Time:** Select Time Out Up to when we want to view Reviewed Approved Instrument Log Report.
- **User Name:** Select User Name from drop down List.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Reviewed/Approved:** Select Reviewed or Approved option as per user want to see Reviewed Approved Instrument Log report.
- **Print:** Click to view report, Reviewed Approved Instrument Log Report will open as shown in Fig. 8.5.4.2

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**Instrument Audit Trial Report**

Records From : 2010/05/23 16:29:16

Records To : 2010/05/26 16:29:16

Sr No	LogDate	LogTime	Instrument Name	Reviewed By	Reviewed DateTime
1	5/23/2010	16:29:16	Logger	admin	2010/06/02 00:00:00
2	5/24/2010	16:29:16	Logger	admin	2010/06/02 00:00:00
3	5/25/2010	16:29:16	Logger	admin	2010/06/02 00:00:00
4	5/26/2010	16:29:16	Logger	admin	2010/06/02 00:00:00

**Fig. 8.5.4.2 Reviewed Approved Instrument Log**

**8.5.5 Reviewed Approved Alarm Log:** Click on Reviewed Approved Alarm Log Tab of Audit trail in Analysis Report following window will open.

Reviewed/Approved Alarm Log			
From Date	02-Feb-2012	To Date	02-Feb-2012
From Time	00 (HH) : 00 (MM) (24 Hour Format)	To Time	23 (HH) : 59 (MM) (24 Hour Format)
User Name	Select User		
Instrument Name	Neclog		
Reviewed/Approved	Reviewed		
Special Note: You need to configure your browser to allow creating pop-ups from the IP-Address of the Neclog.			
Print			

In above window we can see following details.

- **From Date:** Select Date from when we want to view Reviewed Approved Instrument Log Report.
- **To Date:** Select Date Up to when we want to view Reviewed Approved Instrument Log Report.
- **From Time:** Select Time In from when we want to view Reviewed Approved Instrument Log Report.
- **To Time:** Select Time Out Up to when we want to view Reviewed Approved Instrument Log Report.
- **User Name:** Select User Name from drop down List.
- **Instrument Name:** Select Instrument Name from drop down List.
- **Reviewed/Approved:** Select Reviewed or Approved option as per user want to see Reviewed Approved Instrument Log report.

## 9.About Us

Click on About Us Tab from About Us menu following window will open, which will show Company Details like Company Profile, Product Manufactured and Contact Details as shown below.

### Company Profile

Newtronic was founded in 1980 in Mumbai, India. We design, manufacture, and market products that are used primarily by Agricultural, Pharmaceuticals and Test labs to test their products quality and environmental effects. Our product lines include Temperature, Humidity and Light testing chambers.

As experts in manufacturing Newtronic is involved in every stage with the client from implementation to completion offering continual functional and technical support. Our extensive skills encompass all aspects of implementation and operation, including, system design, and overseeing development teams customizing products to fit specific client needs.

### Other Products manufactured are

Humidity Chambers (Stability Chambers) | Walk - In Humidity Chambers  
Cooling Chambers | Walk - In Cooling Chambers  
Deep Freezers | Walk - In Freezers  
Photostability Chambers  
Laboratory Incubators | BOD Incubators | Walk - In Incubators  
Laboratory Oven | Vacuum Oven

### Contact Details :

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