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1. Software Requirements

Minimum requirement for ICDAS3.0 software is Windows 7 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 ICDAS3.0 Software the hardware requirement is enlisted below:

Specifications	Minimum Ratings
Processor	Core i3 Processor & above
RAM	8 GB
Hard Disk	500 GB
Connectivity	TCPIP Port
Operating System	Window 7 & Above
Operating System Component	Internet Information Service(IIS) Microsoft Messaging Queue (MMQ)
Power Supply	UPS Supply

3. Running ICDAS 3.0 Application

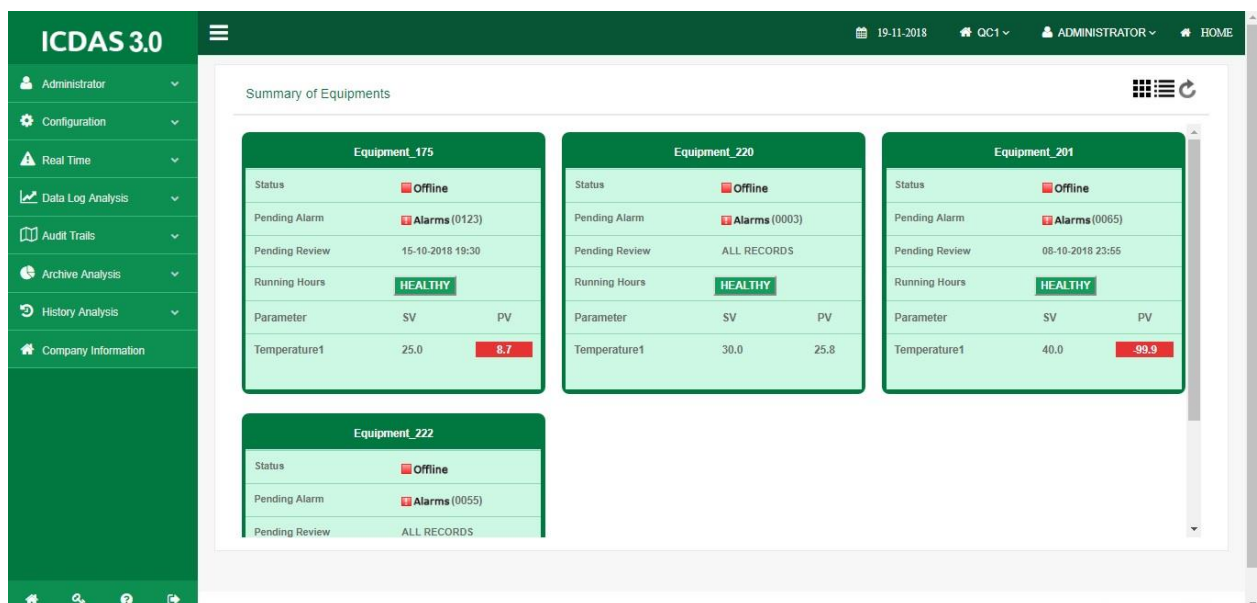
Running application software for the very first time.

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.



4. Definitions of ICDAS on the main screen



Main Screen Icon:

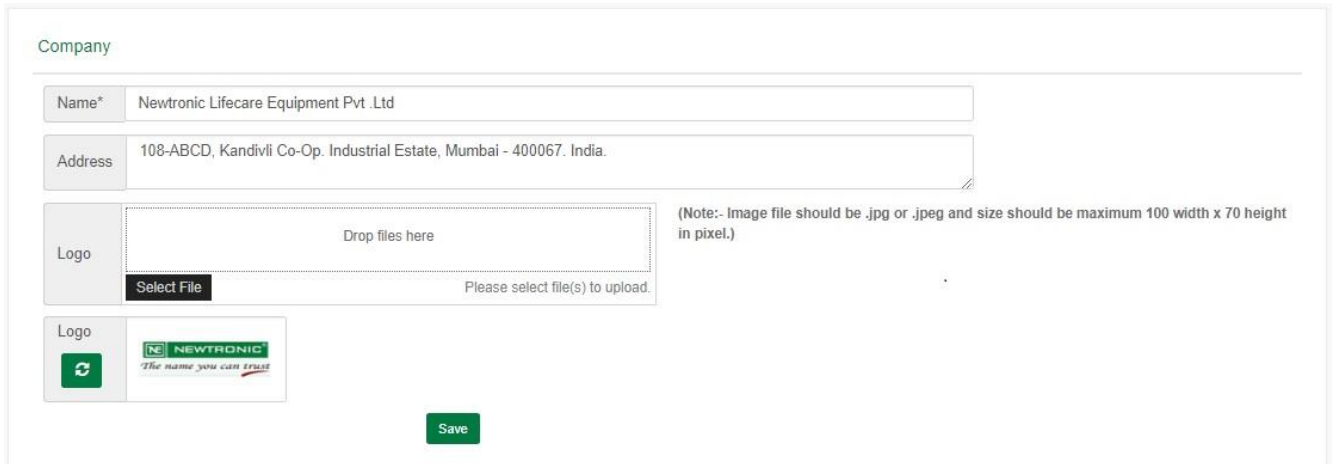
1. **Administrator:** This Menu allows User to manage Company details, Comm group, Application Group, Users, Application Setup, Database Backup, Restore Database and Import database.
 - **Company:** This option allows managing and editing Company.
 - **Comm Group:** This option allows creating and editing Comm group.
 - **Department:** This option allows creating new department and editing exiting department. Also mange own Department Email-SMS details.
 - **User Group:** This option allows creating and managing Users Group and allocated User group access rights.
 - **Users Master:** This option allows managing Users and creating application user and also them Assign Group to belong to.
 - **Application Setup:** This option allows managing Application Setup like Remote Back up Path and Local Backup Path, Domain information, Enable or Disable Email-SMS Modem and Test Email-SMS.
 - **Database Backup:** This option allows taking Database Backup at defined Backup path in Application Setup.
 - **System Diagnosis:** This Option allows User to View Service status and Equipment Status.
 - **Data Archive:** This option allows User to Archive Data from main Database to Archive Database.
 - **Restore History Database:** This option allows to Restore History Database Backup.
2. **Configuration:** This option allows User to Manage Equipment's Data like Equipment Configuration, Door access Users ,Email-SMS alert and Component set hours.
 - **Equipment Configuration:** This option allows User to Create and manage Equipments and their Parameters.
 - **Door Access Users:** This option allows User to manage Door Access Users.
 - **Synchronize RTC:** This option allows to Synchronize Equipment's Date time to System date time.
 - **Equipment Status:** This option allows User to manage or Change Equipment Status.
 - **Email-SMS Alert:** This Option allows User To manage Particular Equipment Which alarm to be active or deactivate Email-SMS alert.
 - **BIOMatric RTC :** This option allows to biometrically Synchronize Equipment's Date time to System date time.
 - **Timer Reset:** This option allows to reset different types of timer's Equipment is Reset. Type of timer like Lux/UV Timer, Thaw Timer, Speed timer, Sterilization Timer.
 - **Component Set Hours:** This option allows to set Particular Equipment's Components Running Hours.
 - **Equipment Document:** This Option allows to user can upload Equipment document word and PDF file.
3. **Real time:** This option allows user to view Real Time data , Real Time Graph and Input Output Status.
 - **Real Time Summary:** This option allows User to Monitor Summery of Real time Value of Equipment.
 - **Real Time Display:** This option allows User to Monitor Real Time Value and Graph.
 - **IO Status:** This option allows User to Monitor Input & Output Status and Their Real Time Value.
 - **Running Hours:** This Option allows User to Monitor Components Running house.
4. **Data Log Analysis:** This option allows user to view data log, review and Approve data for selected Date and Time.

- **Manage data Log:**
- (1) **Review Data Log:** This Option allows User to View pending Review Data log report, also Review data log for selected Date and Time.
- (2) **Approve Data Log:** This Option allows User to View pending Approve Data log report, also Approve data log for selected Date and Time.
- **View Data log:** This Option allows User to View data log in report as well as in Graph for selected Date and Time.
- **View Reviewed Data log:** This Option allows User to view Reviewed data log in report as well as in Graph for selected Date and Time.
- **View Approved Data log:** This Option allows User to view Approved data log in report as well as in Graph for selected Date and Time.
- **MKT Analysis:** This option allows User to View MKT Report For Selected Date and time.
- **Alarm Log:** This option allows user to View Alarm Log for Selected date & time and also acknowledges them.
- 5. **Audit Trail:** This Option allows User to view Equipment Audit Trail, User Audit Trail, Alarm Audit Trail, Email-SMS Audit Trail and Reviewed Approved.
- **Alarm Audit Trail:** This Option allows User to view and print Alarm Audit Trail Report.
- **Equipment Audit Trail:** This Option allows User to view and print Equipment Audit Trail Report.
- **User Audit Trail:** This Option allows User to view and print User Audit Trail Report.
- **Email Audit Trail:** This Option allows User to view and print Email Audit Trail Report.
- **SMS Audit Trail:** This Option allows User to view and print SMS Audit Trail Report.
- **Reviewed Approved:** This Option allows User to view and print the Reviewed /Approved Log Report Audit Trail Report.
- 6. **Archive Analysis:** This option allows User to View Archive Data log, Archive Alarm Log, Archive MKT and Archive Audit Trails Report.
- 7. **History Analysis:** This option allows User to View History Database Data log, History Database Alarm Log, History Database MKT and History Database Audit Trails Report.
- 8. **Change Password:** This option allows User to Change own password.
- 9. **Change Department:** This option allows User to Change Department.
- 10. **Company Information:** This option allows User to view Company details.
- 11. **Log Out:** This option allows user to log out from the application.

Administrator

Company:

Click on Company Tab in Administration Menu below window will open from where User can manage Company Details.



The screenshot shows a web form titled "Company" with the following fields and elements:

- Name***: A text input field containing "Newtronic Lifecare Equipment Pvt .Ltd".
- Address**: A text input field containing "108-ABCD, Kandivli Co-Op. Industrial Estate, Mumbai - 400067, India."
- Logo**: A section containing a "Drop files here" area with a "Select File" button and a note: "(Note:- Image file should be .jpg or .jpeg and size should be maximum 100 width x 70 height in pixel.)". Below this is a "Please select file(s) to upload." message.
- Logo**: A section showing a preview of the logo, which includes a green square with a white 'N' and the text "NEWTRONIC The name you can trust".
- Save**: A green button at the bottom right of the form.

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

- Name : Name of the Company
- Address : Enter Address of Company
- Logo : Attached Logo of Specified Size
- Refresh : Update Logo of Company

After filling above details click on **Save** button to Update Company Details.

Note: The software will not allow creating more than one Company.

Comm. Group

Creating Communication Groups

Click on Comm. Group Tab in Administration Menu below window will open from where User can Create Communication Groups.

Comm Group

1 Search Records 2 Manage Records

Add Edit Save Delete Print

Name* QC Code 1001

SoftKey A2DE-4BAF-7E98-01A9-B87E-7711-610A-1E81

Activation Key FB4DC-S7387-0ZKQR-NOGLJ-SIZTM Invalid Activation Key

Previous

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

1. Name : Name of the Communication Group
2. Activation Key : Enter Activation Key of Communication Group

After filling above details click on **Save** button to Add new Comm. Group or To edit existing Comm. Group click.

Note: The software will not allow to create more than one Comm. Group with same Name.

Department:

Creating Departments

Click on Department Tab in Administration Menu below window will open from where User can create Department and manage Department Details.

Department

1

2

3

Search Records

Manage Records

Alarm Event

Add

Edit

Save

Delete

Print

Name*

QC1

Comm.Group*

QC

Header Note*

kandivall.

Footer Note*

Newtronic Lifecare Equipment Pvt .Ltd

Archive Month*

Nov

(Archive data for more than 2 years.)

EMAIL

Email System

☒Enabled ☐Disabled

Email Alert Delay*

15

(1-180 minutes)

Alert Email Address 1*

arpit@dreamsoftindia.com

Alert Email Address 2

Enter Email ID 2

Alert Email Address 3

Enter Email ID 3

Alert Email Address 4

Enter Email ID 4

Alert Email Address 5

Enter Email ID 5

Email Time*

00

00

Supervisor Email Add. 1*

arpit@dreamsoftindia.com

Supervisor Email Add. 2

Enter Email Add.2

SMS

SMS System

☐Enabled ☒Disabled

SMS Alert Delay*

(1-180 minutes)

Mobile User Name 1*

Enter User Name 1

Mobile No.1*

e.g +919874563210

Mobile User Name 2

Enter User Name.2

Mobile No.2

Enter Mobile No.2

Mobile User Name 3

Enter User Name.3

Mobile No.3

Enter Mobile No.3

Mobile User Name 4

Enter User Name.4

Mobile No.4

Enter Mobile No.4

Mobile User Name 5

Enter User Name.5

Mobile No.5

Enter Mobile No.5

Previous

Continue

In Above window the User Views/Updates following details.

- Name : Enter Name of Department.
- Comm. Group : Select the Comm. Group from Drop down List.
- Header Note : Enter Header Note.
- Footer Note : Enter Footer Note.
- Archive Month : Select the Archive Month from Drop down List.

Email Details

- Email System : Enable or Disable the Email System.
- Email Alert Delay : Enter Email Alert Delay in Minutes.
- Alert Email Address1 : Enter Alert Email Address1.
- Alert Email Address2 : Enter Alert Email Address2.
- Alert Email Address3 : Enter Alert Email Address3.
- Alert Email Address4 : Enter Alert Email Address4.
- Alert Email Address5 : Enter Alert Email Address5.
- Email Time : Set Email Time in Hours and Minutes.
- Supervisor Email Add1. : Enter Supervisor Email Address1.
- Supervisor Email Add2. : Enter Supervisor Email Address2.

SMS Details

- SMS System : Enable or Disable the SMS System.
- SMS Alert Delay : Enter SMS Alert Delay in Minutes.
- Mobile User Name 1 : Enter Name of Mobile User 1.
- Mobile User Name 2 : Enter Name of Mobile User 2.
- Mobile User Name 3 : Enter Name of Mobile User 3.
- Mobile User Name 4 : Enter Name of Mobile User 4.
- Mobile User Name 5 : Enter Name of Mobile User 5.
- Mobile No1 : Enter Mobile Number of User 1.
- Mobile No 2 : Enter Mobile Number of User 2.
- Mobile No 3 : Enter Mobile Number of User 3.
- Mobile No 4 : Enter Mobile Number of User 4.

- Mobile No 5 : Enter Mobile Number of User 5.

After filling above details click on **Save** button to add New Department or To edit existing Department.

Department Alarm Event

After Records Inserted/updated Successful Following Menu below window will open from where User can create Department Alarm Event and manage Department Alarm Event Details.

Department

1 Search Records 2 Manage Records 3 Alarm Event

Add Edit Save Delete Print

Department QC1 Comm. Group QC

Alarm Description	Alarm Type
<input type="checkbox"/> CHAMBER 1 TEMP 1 HIGH ALARM	Alarm
<input type="checkbox"/> CHAMBER 1 TEMP 1 LOW ALARM	Alarm
<input type="checkbox"/> CHAMBER 1 TEMP 2 HIGH ALARM	Alarm
<input type="checkbox"/> CHAMBER 1 TEMP 2 LOW ALARM	Alarm
<input type="checkbox"/> CHAMBER 1 TEMP 3 HIGH ALARM	Alarm
<input type="checkbox"/> CHAMBER 1 TEMP 3 LOW ALARM	Alarm
<input type="checkbox"/> CHAMBER 1 TEMP 4 HIGH ALARM	Alarm

Previous

User can Check from Alarm Description which Alarm should be want to particular Department.

And also select Alarm Type (ex. Alarm, Event, Notifications).by default Alarm type is Alarm.

After Selecting above details click on **Save** button to add New Department or to edit existing Department.

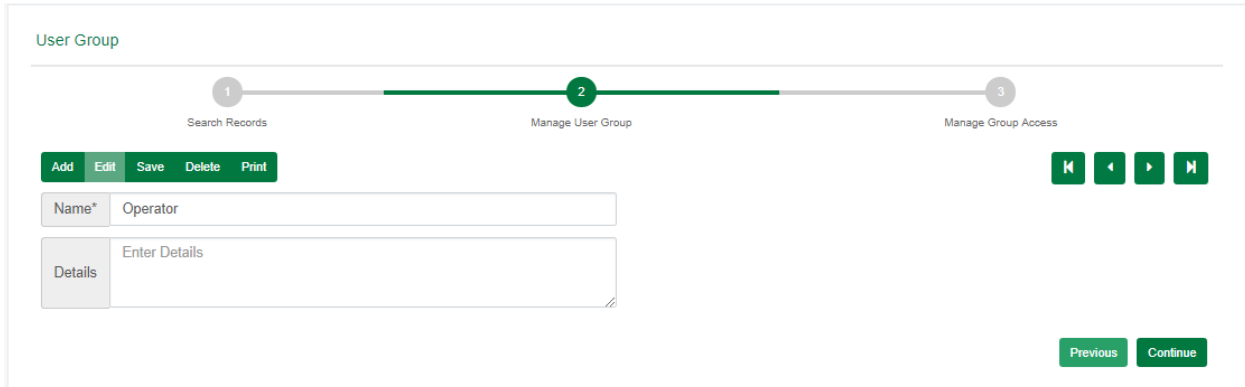
Note: The software will not allow to create more than one Department with same Name.

In Alert Email Address, Supervisor Email Address, Mobile User Name and Mobile No. At Least One Entry is Mandatory.

User Group

Creating User Groups

Clicking on User Group Tab in Administration Menu below window will open from where User can create and manage Groups.



The screenshot shows the 'User Group' management window. At the top, there is a progress bar with three steps: 1. Search Records, 2. Manage User Group (currently active), and 3. Manage Group Access. Below the progress bar, there are buttons for 'Add', 'Edit', 'Save', 'Delete', and 'Print'. To the right of these buttons are navigation controls: a back arrow, a left arrow, a right arrow, and a forward arrow. Below the buttons, there is a form with two sections: 'Name*' with a text input field containing 'Operator', and 'Details' with a larger text input field containing 'Enter Details'. At the bottom right, there are 'Previous' and 'Continue' buttons.

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

- Name : Name of the Group.
- Details : Enter details related to that group if any.

After filling above details click on **Save** button to add new user group or To edit existing user group.

Group Access

After Records Inserted/updated Successful Following Menu below window will open from where User can Mange Group Access.

User Group

1

2

3

Search Records

Manage User Group

Manage Group Access

Add

Edit

Save

Delete

Print

Group Name

Operator

Access Rights - Select / Deselect All

Menu Name	View	Add	Edit	Save	Delete	Print
Administrator	<input type="checkbox"/>					
Company	<input checked="" type="checkbox"/>			<input type="checkbox"/>		
Comm. Group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Department	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User Group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User Master	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Application Setup	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
Backup	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		

Previous

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

- Access Rights - Select/Deselect All

: From here user can define and manage different Access Rights for different groups.

After Selecting above details click on **Save** button to Save or Edit records.

Note: The software will not allow to create more than one user group with same Login Name.

User Master

Creating User

User creation privilege is limited to the administrator thus to create a user one has to login as “admin”. Now click on Administrator Utilities on the menu bar and select User Master.

Click on User Master Tab in Administrator Menu below window will open from where User can create and manage Users. User Master will generate User Audit Trail.

The screenshot shows the 'User Master' application window. At the top, there's a title bar 'User Master' and a progress bar with two steps: '1 Search Records' and '2 Manage Records'. Below the progress bar, there are buttons for 'Add', 'Edit', 'Save', 'Delete', and 'Print'. The form contains the following fields:

- User Name***: Text input field with placeholder 'Enter User Name'.
- Login Name***: Text input field with placeholder 'Enter Login Name' and a note '(Max 15 Char)'.
- Password***: Password input field with placeholder '*****' and a note '(min 8 Char, max 15 Char)(Password should be Aa-Zz,0-9)'.
- Belongs To***: Dropdown menu with placeholder 'Select Company Group'.
- Accessible Dept.**: Text input field with placeholder 'LAB1 / LAB'.
- Access Group***: Dropdown menu with placeholder 'Select Access Group'.
- Status**: Radio buttons for 'Active', 'Not Active', and 'Blocked'.

A 'Previous' button is located at the bottom right of the form.

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

- User Name : Name of the User
- Login Name : Enter Login Name.
- Password : Enter Password (case sensitive).
- Comm. Group : Select Communication Group of User from Drop down List.
- Department Name : Select Department Name of User from Drop down List.
- Group : Select Group of User from Drop down List.
- Set Password Duration : Enter Password Duration in Days.
- Status : Select Status of the user (Active / Deactive / Blocked) If the user is active then only that user can access the software.

After filling above details click on **Save** button to add new user and also edit existing user click, Admin can revise all details except Login Name of selected user.

Note: The software will not allow to create more than one user with same Login Name. The software will ask for change of password when the new user login first time. Once the valid user has logged in the software admin will not be able to delete those users; but admin can deactivate those users.

Application Setup

Click on Application Setup Tab in Administration Menu below window will open from where User can manage Application Settings.

Application Setup

Backup Local Path*

D:\Backup\Local\

Backup Remote Path*

D:\Backup\Remote\

Report Date/Time Stamp*

☒ YES ☐ NO

Password Change*

32

(1-365 days)

User Access Lock Count*

06

(No. of Attempts)

Backup Time*

15

30

Synchronize RTC Time*

02

00

Login Type

SQL

Domain Information

Newtronic.Local

EMAIL

Email System

☒ Enabled ☐ Disabled

SMTP Authentication*

☒ YES ☐ NO

SMTP Email*

arpit@dreamsoftindia.com

SMTP Address*

mail.dreamsoftindia.com

SMTP User Name*

arpit-dreamsoftindia

SMTP Password*

SMTP Port*

587

Secure Sockets Layer(SSL)

☒ YES ☐ NO

Email Signature

test

Test Email Id

E.g. abc@domainname.com,xyz@domainname.com

Test Email Time

11

35

Email Test

SMS

SMS System

☒ Enabled
 ☐ Disabled

Communication Port*

5

Parity

None ▼

Baud Rate

2400 ▼

Data Bits

4 ▼

Stop Bits

1 ▼

Test Mobile Number

E.g +919811111111,+919822222222

SMS Test

Test SMS Time

00 ▼

00 ▼

Save

In Above window the User Views/Updates following details.

- Backup Local Path : Enter Local Backup Path where Detail will save on Local Server.
- Backup Remote Path : Enter Remote Backup Path where Detail will save on remote Server.
- Backup Time : Set the backup time in Hours & Minutes.
- Report Time Stamp : Select the Report Time Stamp from Drop down List.
- Password Change : Enter Frequency of Change Password in Days.

Email

- Email System : Enable or Disable the Email System.
- SMTP Authentication : Select the SMTP Authentication from Drop down List.
- SMTP Email : Enter SMTP Email ID of User.
- SMTP Address : Enter SMTP Address of User.
- SMTP User Name : Enter SMTP Username of User.
- SMTP Password : Enter SMTP Password of User.
- SMTP Port : Enter SMTP Port No. of User.
- Secure Sockets Layer : Enable Secure Sockets Layer.
- Email Signature : Enter Email Signature.
- Test Email Id : Enter Email Id and Click on Button Email test to check whether Email Id is valid or not.

SMS

- SMS System : Enable or Disable the SMS System.
- Communication Port : Enter Communication Port No. of User.
- Parity : Select the Parity from Drop down List.
- Baud Rate : Select the Baud Rate from Drop down List.
- Data Bits : Select the Data Bits from Drop down List.
- Stop Bits : Select the Stop Bits from Drop down List.
- Test Mobile Number : Enter Mobile Number and Click on Button SMS test to check whether Mobile number is valid or not.

After filling above details click on **Save** button to add Application Setup.

Backup

Click on Backup Tab in Administration Menu below window will open from where User can take Database Backup.



Click on **Take Backup** Button it will create application database backup file in Backup path.

Database Backup Path User Enter in Application Setup tab.

Data Archive

Click on Data Archive Tab in Administration Menu below window will open from where User can Archive the database from main database to Archive database.

Data Archive


Department Name*

Select Department Name

Data Archive Date <=

Enter Date

Archive




Here User can select Department name from dropdown list and click on **Archive** button, Data Archive only Selected **Department** only.

Restore History Database

Click on Restore History Database Tab in Administration Menu below window will open from where User can Restore History Database to Main Database.

Restore History Database



NOTE : DEPEND UPON DATABASE SIZE RESTORATION PROCESS WILL TAKE TIME

Generate Request

Write Date Time	Status	Status Description
2018-11-19 18:51:54	PENDING	

Refresh

Here Click on Generate **Request** button it send Request to server to Restore history database.

Refresh Button use to refresh the Status of request.

CONFIGURATION

Equipment Config

Configuring Equipment

Before starting configuration of equipment, Equipments and PC must be networked on an Ethernet LAN. Now click on configuration on the menu bar and click on Equipment Config.

Click on Equipment Config Tab in Configuration Menu below window will open from where User can configure Equipment. Equipment Config will generate User Audit Trail.

Equipment Config

1 Search Records 2 Equipment Config. 3 Equipment Parameters 4 Equipment Settings 5 Equipment Write Events

Add Edit Save Print

Equipment Name* Enter Equipment Name

Status ☒ Active ☐ Not Active

IP Address*

Login Interval* 1

Door Access Type None

Equipment Type

Username* admin Password*

Comments* Give Your Comments..

Previous Continue

Equipment Config Window User will be able to View/Update following details .

- Equipment Name : Name of the Equipment
- Status : Select Equipment Status
- IP Address : Enter the IP Address of the Equipment.
- Login Interval : Select Login Interval value for Temperature/Humidity (e.g. 30 Minutes) from Drop down List.
- Door Access Type : Select Door Access Type.

- Equipment Type : Equipment Type come Automatically.
- Username : Username come automatically.
- Password : Enter Password
- Comments : Enter Comments

After filling above details click on **Save** button to add new Configuration of Equipment or edit existing Configuration of Equipment.

Equipment Parameters

Before setting configuration of equipment, Equipments and PC must be networked on an Ethernet LAN. Now click on Configuration on the menu bar and click on Equipment Setting. Click on Equipment Setting Tab in Configuration Menu below windows will open from where User can manage Equipment Setting. Equipment Setting will generate User Audit Trail.

Equipment Config

1 Search Records 2 Equipment Config 3 Equipment Parameters 4 Equipment Settings 5 Equipment Write Events

Add Edit Save Print

Equipment Name Equipment_201 Status Active

IP Address 192.168.0.201 Login Interval 5

Name(Temp in °C and RH in %)	Graph Color
Temperature1	Black
Temperature2	DarkRed
Temperature3	MidnightBlue
Temperature4	DarkSalmon

Username* admin Password*

Comments* Give Your Comments..

Previous Continue

In Equipment Parameters tab user can select Graph Color for Equipment Parameters like Temperature and Humidity from dropdown list.

- Username : Username come automatically.
- Password : Enter Password
- Comments : Enter Comments

After filling above details click on **Save** button to update Equipment Parameter.

Equipment Setting

After Records Inserted/updated Successful Following Menu below window will open from where User can manage Equipment Settings.

Equipment Config

1

2

3

4

5

Search Records

Equipment Config.

Equipment Parameters

Equipment Settings

Equipment Write Events

Add

Edit

Save

Print

Get Equipment Info

Equipment Name

Equipment_201

Status

Active

IP Address

192.168.0.201

Login Interval

5

Temperature

Set Value

40.0

PID KP

512

PID TS

1000

Low Alarm

41.1

PID TI

650

PID Cycle Time

1200

Low Alert

39.0

PID TD

500

PID Output Power

10

High Alarm

46.5

Cooling

NO

High Alert

21.0

Total Sensor

4

Shaker Settings

Set Speed(rpm)

2000

Set Time(mins.)

25

Set Speed Low Alarm(rpm)

0

Set Speed High Alarm(rpm)

1

Username*

admin

Password*

Comments*

Give Your Comments..

Previous

Continue

Get Equipment Info: Please click on this button to collect Equipment Parameters information.

Equipment Setting Window User will be able to View/Update Equipment Related Parameters.

After filling above details click on **Save** button to add or update Equipment Settings.

Equipment Write status

After Records Inserted/updated Successful Following Menu below window will open from here User can view Equipment Write status.

In Equipment Write Event tab user can View the status of write Event of Parameters of that Equipment.

Equipment Config

1

2

3

4

5

Search Records

Equipment Config.

Equipment Parameters

Equipment Settings

Equipment Write Events

Add

Edit

Save

Print

Equipment Name

Equipment_201

Status

Active

IP Address

192.168.0.201

Login Interval

5

Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
Equipment_201	2018-11-15 15:32:04	Equipment Information		FAILED	A connection attempt failed because the connected party did not properly respond after a period of time, or established connection failed because connected host has failed to respond 192.168.0.201:502

Refresh

Previous

Note: The software will not allow to create more than one Configuration of Equipment with same Name and IP Address.

Door Access Users

Click on Door Access Users Window in Configuration Menu below below windows will open from where User can Door Access Users.

In below Window User can View/Modified Door Access Users name.

Door Access Users

1

2

Search Records

Manage Records

Edit

Save

Equipment Name

Equipment_175

Status

Active

IP Address

192.168.0.175

Login Interval

10

Equipment Type

PST4

Door Access Type

PLC

Sr No.

Door Access Users

1

2

3

4

5

6

Username*

admin

Password*

Comments*

Give Your Comments...

Previous

After Enter User name and other Details Click On **Save** Button to add new record and edit previous record.

[Synchronize RTC](#)

Synchronize RTC for Equipments

After testing of Equipments, Equipments should be synchronize. Now click on Configuration on the menu bar and click on Synchronize RTC.

In below Synchronize RTC Windows User will be able to View/Update following details.

Synchronize RTC

1

2

Search Records

Equipment Write status

Search

Enter to Search

Q

Page 1 of 1

⏪ ⏩ ⏴ ⏵

<input type="checkbox"/>	Equipment Name	IP Address	Status
<input type="checkbox"/>	Equipment_175	192.168.0.175	Active
<input type="checkbox"/>	Equipment_201	192.168.0.201	Active
<input type="checkbox"/>	Equipment_220	192.168.0.220	Active
<input type="checkbox"/>	Equipment_222	192.168.0.222	Active

Page 1 of 1

⏪ ⏩ ⏴ ⏵

Username*

admin

Password*

Comments*

Give Your Comments...

Save

Continue

Here user can view list of Active Equipment Name with its Parameters like IP Address and Status.

Select Equipment Which User want to Synchronize RTC and Enter Password and Comments and Click on **Save** button.

Equipment Write Event

click on continue button to View Equipment Write Status.

Synchronize RTC

1 Search Records 2 Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

Refresh Previous

In Equipment Write Event Window user can view the Status Information of the Equipment.

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment.

Click on **Refresh** button to Refresh Equipment Write List.

Equipment Status

Viewing Status of Equipment

After installation and synchronization of Equipments, status of Equipments should be viewed. If a particular equipment is switched off for some reason, then one has to deactivate the same in the software else the software will try to establish connection between the PC and this equipment and while doing so it shall fail and hence generate a communication failure alarm.

Click on Equipment Status Tab in Configuration Menu below windows will open from where user can view status of the Equipment.

In below Equipment Status Windows User will be able to View/Update following details.

The screenshot shows a web application window titled "Equipment Status". At the top, there is a "Current Status" section with two radio buttons: "Active" (selected) and "Not Active". Below this is a table with two columns: "Equipment Name" and "IP Address". The table contains four rows of equipment data, each with a checkbox in the first column. Below the table, there is a login section with "Username*" and "Password*" labels and input fields. The username field contains the text "admin". Below the login section is a "Comments*" label and a text area with the placeholder text "Give Your Comments..". A green "Save" button is located at the bottom right of the window.

	Equipment Name	IP Address
<input checked="" type="checkbox"/>	Equipment_175	192.168.0.175
<input type="checkbox"/>	Equipment_220	192.168.0.220
<input type="checkbox"/>	Equipment_201	192.168.0.201
<input type="checkbox"/>	Equipment_222	192.168.0.222

Username* admin Password*

Comments* Give Your Comments..

Save

Equipment Status

In Equipment Status user can view status information of Equipment like Equipment Name, IP Address and Status.

- Current Status : Select the status for the equipment.
- Equipment Name : Name of the Equipment
- IP Address : IP Address of the Equipment.
- Status : Status of the Equipment.
- Username : Username come automatically.
- Password : Enter Password

- **Comments** : Enter Comments

To Activate /Not Active

Select Current Status Active/Not Active which operation user want to perform.
after current status Selection User has to select the Equipment to view current list of Equipments
then Enter Password and Comment and Click the Save button has to be clicked so as to update
the status in the software.

Email / SMS Alert

Click on Email SMS Alert Tab in Configuration Menu below windows will open from where
User can set and manage Email / SMS Alert.

Active Email Alert for Alarm

After double clicking on equipment below window will be open

Email SMS Alert

1 Search Records 2 Active Email Alert for Alarm 3 Active SMS Alert for Alarm

Edit Save

Equipment Name* Equipment_201 Status Online

☐ Active Email Alert For Alarm

<input type="checkbox"/>	TEMP 1 HIGH ALARM
<input type="checkbox"/>	TEMP 1 LOW ALARM
<input type="checkbox"/>	TEMP 2 HIGH ALARM
<input type="checkbox"/>	TEMP 2 LOW ALARM
<input type="checkbox"/>	TEMP 3 HIGH ALARM
<input type="checkbox"/>	TEMP 3 LOW ALARM
<input type="checkbox"/>	TEMP 4 HIGH ALARM
<input type="checkbox"/>	TEMP 4 LOW ALARM

Previous Continue

To create alarms for Email alert

- Select from Alarm list which Alarm User want to Alert and Click on **Save** button to add and update Email alert for alarm of Equipment from Equipment List.

Active SMS Alert for Alarm

Click on continue button below window will be open.

Email SMS Alert

1 Search Records 2 Active Email Alert for Alarm 3 Active SMS Alert for Alarm

Edit **Save**

Equipment Name* Equipment_201 Status Online

☐ Active SMS Alert For Alarm

<input type="checkbox"/>	TEMP 2 LOW ALARM
<input type="checkbox"/>	TEMP 3 HIGH ALARM
<input type="checkbox"/>	TEMP 3 LOW ALARM
<input type="checkbox"/>	TEMP 4 HIGH ALARM
<input type="checkbox"/>	TEMP 4 LOW ALARM
<input type="checkbox"/>	DOOR OPEN
<input type="checkbox"/>	MAINS FAIL
<input type="checkbox"/>	WATER LEVEL FAIL

Previous

To create alarms for SMS alert

- Select from Alarm list which Alarm User want to Alert and Click on **Save** button to add and update SMS alert for alarm of Equipment from Equipment List.

Email / SMS Alarm Alert

In Email / SMS Alarm Alert Window user can activate the Email and SMS alert for alarm.

- Equipment Name : Name of the equipment for which the alarm is being generated.
- Status : Status of alarm.
- TEMP HIGH ALARM : Set alarm for high temperature value.
- TEMP LOW ALARM : Set alarm for low temperature value.

Note: Whenever for any equipment alarm is logged then the user has to acknowledge the alarm within 60 Minutes. If the user fails to acknowledge alarm in 60 Minutes; the alarm will be transmitted via GPRS modem as a SMS to defined Mobile numbers and an Email to defined Email addresses in Department tab of Administration menu.

BIOMetric RTC

BIOMetric RTC for Equipments

Now click on Configuration on the menu bar and click on Biometric RTC.

In below Biometric RTC Windows User will be able to View/Update following details.

The screenshot displays the BIOMetric RTC interface. At the top, a progress bar shows two steps: '1 Search Records' (active) and '2 Equipment Write status'. Below the progress bar is a search bar with the placeholder 'Enter to Search' and a green search button. To the right of the search bar is a pagination control showing 'Page 1 of 1' and navigation buttons. Below the search bar is a table with the following data:

Equipment Name	IP Address	BIOMetric IP Address	Status
Equipment_201	192.168.0.201	192.168.0.1	Active

Below the table is another pagination control showing 'Page 1 of 1' and navigation buttons. Below the pagination control are form fields for 'Username*' (containing 'admin'), 'Password*', and 'Comments*' (with a placeholder 'Give Your Comments...'). At the bottom right are 'Save' and 'Continue' buttons.

Here user can view list of Active Equipment Name with its Parameters like IP Address and Status

Select Equipment Which User want to BioMertic RTC and Enter Password and Comments and Click on **Save** button.

Equipment Write Event

click on continue button to View Equipment Write Status.

BIOMetric RTC

1 Search Records 2 Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

Refresh

Previous

In Equipment Write Event Window user can view the Status Information of the Equipment.

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment.

Click on **Refresh** button to Refresh Equipment Write List.

TIMER RESET

1. Lux / UV Timer

Reset Timer for Lux / UV

Click on Lux / UV Timer Tab in Configuration Menu below windows will open from where User can Reset and manage timer for Lux / UV Equipments.

In below Lux / UV Timer Windows User will be able to View/Update following details.

LuxUV Timer

1

2

Search Records

Equipment Write status

Reset Timer

☒ LUX ☐ UV ☐ Both

Search

Enter to Search

Q

Page 1 of 1

⏮ ⏪ ⏩ ⏭

<input type="checkbox"/>	Equipment Name	IP Address	Status
<input type="checkbox"/>	Equipment_175	192.168.0.175	Active

Page 1 of 1

⏮ ⏪ ⏩ ⏭

Username*

admin

Password*

Comments*

Give Your Comments..

Save

Continue

To reset timer for Lux / UV Equipments user has to follow following procedure.

- In Search option Filter first select Equipment Name / IP Address / Status.
- Then select LUX / UV / Both Equipments to reset timer.
- Then select an Equipments
- Once the Selection is done User has to Enter Password and Comment These comments are mandatory.
- Now click on **Save** button to set or reset the timer.

Equipment Write Event

Click on **Continue** Button user can view the Equipment Write Status Information of the Equipment.

The screenshot shows a web interface for 'LuxUV Timer'. At the top, there is a progress bar with two steps: '1 Search Records' and '2 Equipment Write status'. The second step is currently active. Below the progress bar is a table with the following columns: 'Equipment Name', 'Write Date Time', 'Parameter Label', 'Parameter Value', 'Status', and 'Status Description'. The table is currently empty, displaying 'No Records Found'. At the bottom center, there is a green 'Refresh' button. At the bottom right, there is a green 'Previous' button.

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment

Click on **Refresh** button to refresh the list Equipment Write Event.

2. Thaw Timer

Reset Timer for Thaw

Click on Thaw Timer Tab in Configuration Menu below windows will open from where User can Reset and manage timer for Thaw Equipments.

In below Thaw Timer Windows User will be able to View/Update following details.

Thaw Timer

1 Search Records 2 Equipment Write status

Search Enter to Search

Page 1 of 0

Equipment Name	IP Address	Status
----------------	------------	--------

Page 1 of 0

Username* admin Password*

Comments* Give Your Comments..

Save Continue

To reset timer for Thaw Equipments user has to follow following procedure.

- In Search option Filter first select Equipment Name / IP Address / Status.
- Then select an Equipments
- Then User has to Enter Password and Comment These comments are mandatory.
- Now click on **Save** button to set or reset the timer.

Equipment Write Event

Click on **Continue** Button user can view the Equipment Write Status Information of the Equipment.

Thaw Timer

1 Search Records 2 Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

Refresh Previous

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment

Click on **Refresh** button to refresh the list Equipment Write Event.

3. Speed Timer

Reset Timer for Speed

Click on Speed Timer Tab in Configuration Menu below windows will open from where User can Reset and manage **Timer for Speed** Equipments.

In below Speed Timer Windows User will be able to View/Update following details.

Speed Timer

1 Search Records 2 Equipment Write status

Search Enter to Search Q Page 1 of 1

Equipment Name	IP Address	Status
Equipment_201	192.168.0.201	Active

Page 1 of 1

Username* admin Password*

Comments* Give Your Comments...

Save Continue

To reset timer for Speed Equipments user has to follow following procedure.

- In Search option Filter first select Equipment Name / IP Address / Status.
- Then select an Equipments.
- Then User has to Enter Password and Comment These comments are mandatory.
- Now click on **Save** button to set or reset the timer.

Equipment Write Event

Click on **Continue** Button user can view the Equipment Write Status Information of the Equipment.

Speed Timer

1 Search Records 2 Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

Refresh

Previous

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment

Click on **Refresh** button to refresh the list Equipment Write Event.

4. Sterilization Timer

Reset Timer for Sterilization

Click on Sterilization Timer Tab in Configuration Menu below windows will open from where User can Reset and manage **Timer for Sterilization** Equipments.

In below Speed Sterilization Windows User will be able to View/Update following details.

Sterilization Timer

1 Search Records 2 Equipment Write status

Search Enter to Search

Page 1 of 0

	Equipment Name	IP Address	Status
<input type="checkbox"/>			

Page 1 of 0

Username* admin Password*

Comments* Give Your Comments..

Save Continue

To reset timer for Sterilization Equipments user has to follow following procedure.

- In Search option Filter first select Equipment Name / IP Address / Status.
- Then select an Equipments.
- Then User has to Enter Password and Comment These comments are mandatory.
- Now click on **Save** button to set or reset the timer.

Equipment Write Event

Click on **Continue** Button user can view the Equipment Write Status Information of the Equipment.

Sterilization Timer

1 Search Records 2 Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

Refresh

Previous

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment

Click on **Refresh** button to refresh the list Equipment Write Event.

Component Set Hours

Click on Component Set Hours in Configuration Menu below windows will open from where User can manage Component Set Hours.

In below Component Set Hours Windows User will be able to View/Update Components set hours.

Component Set Hours

1

2

Search Records

Manage Records

Edit

Save

Equipment Name

Equipment_201

IP Address

192.168.0.201

Login Interval

5

Equipment Type

SH4

Name	Set Run Hours
<input type="checkbox"/> COMPRESSOR 1	<input type="text" value="32000"/>
<input type="checkbox"/> COMPRESSOR 2	<input type="text" value="32000"/>
<input type="checkbox"/> DRY HEATER	<input type="text" value="32000"/>
<input type="checkbox"/> HUMIDIFIER HEATER1	<input type="text" value="32000"/>
<input type="checkbox"/> HUMIDIFIER HEATER2	<input type="text" value="32000"/>
<input type="checkbox"/> CIRCULATION MOTOR	<input type="text" value="32000"/>

Username*

admin

Password*

Comments*

Give Your Comments..

Previous

After Enter Component set hours User can Enter Password and Comments and their Comments is compulsory field. User click on **Save** Button add new record or edit exists record.

Equipment Documents

Click on Equipment Document in Configuration Menu below windows will open from where User can upload Equipment document.

In below on Equipment Document Windows User will be able to Upload Word file(like .doc or .docx) and PFD files format.

The screenshot shows a web interface titled "Equipment Documents". At the top, there is a progress bar with two steps: "1 Search Records" and "2 Manage Records", with the second step being the active one. Below the progress bar, there is an "Edit" button. The main form is divided into two columns. The left column contains fields for "Equipment Name" (value: Equipment_175), "IP Address" (value: 192.168.0.175), and "Upload File". The "Upload File" section includes a "Drop files here" area, a "Select File" button, and a note: "(Note:- File formate should be .pdf,.doc or .docx)". The right column contains fields for "Equipment Type" (value: PST4) and "Status" (value: Active). Below the form, there is a "File Name" section with a message: "No files have been uploaded". A "Previous" button is located at the bottom right of the interface.

Drag and Drop File in “Upload File” box or Browse file by click on **Select File** button and then click on **upload**. File Successfully upload message should be come.


REAL TIME


Real Time Summery


Click on Real Time Summery in Real Time Menu below windows will open from where User can View Real Time Summery.


In below Real Time Summery Windows User will be able to View Equipment and their Real Time PV(Process value) ,SV (Set Value) and Status.

Real Time Summary

Equipment_175			
Status	 Offline		
Parameter	SV	PV	
Temperature1	25.0	8.7	

Equipment_220			
Status	 Offline		
Parameter	SV	PV	
Temperature1	30.0	25.8	

Equipment_201			
Status	 Offline		
Parameter	SV	PV	
Temperature1	40.0	99.9	

Equipment_222			
Status	 Offline		
Parameter	SV	PV	
Temperature1	25.0	28.0	

If PV is out of range of SV then PV value should be highlighted.

IO Status

Click on IO Status in Real Time Menu below windows will open from where User can View Input Output Status.

In below IO Status Windows User will be able to Select equipment's Input Status, Output Status and Their Real Time value.

IO Status

Equipment Equipment_201

INPUT STATUS					
MAIN	OFF	COMPRESSOR1	OFF	WATER LEVEL1	LOW
HUMIDIFIER HEATER1	OFF	COMPRESSOR2	OFF	WATER LEVEL2	LOW
HUMIDIFIER HEATER2	OFF	DRY HEATER	OFF	DOOR	OPEN

OUTPUT STATUS					
HUMIDIFIER HEATER	OFF	DRY HEATER	OFF	COMPRESSOR1	OFF
SBH RELAY	ON	DHS RELAY	OFF	COMPRESSOR2	OFF
BHS RELAY	OFF	ALARM INDICATOR	OFF	ALARM HOOTER	OFF

REAL TIME VALUE									
PARAMETER	CH-1		CH-2		CH-3		CH-4		
TEMPERATURE	-99.9		-99.9		0.0		25.2		
SET SPEED	0	MEASURED SPEED	0	SET TIME	0	ELAPSED TIME	0	SHAKER STATUS	OFF

Running Hours

Click on Running Hours in Real Time Menu below windows will open from where User can View Component Running Hours.

In below Running Hours Windows User will be able to View Equipment's Components Name, Status, Set Hours and Run Hours by selection of Equipment name in Equipment list.

Running Hours

1

Running Hours

2

Equipment Write status

Equipment

Equipment_220

Name	Status	Set Run Hours	Run Hours
<input type="checkbox"/> COMPRESSOR 1	OFF	32000	0
<input type="checkbox"/> COMPRESSOR 2	OFF	32000	0
<input type="checkbox"/> DRY HEATER	OFF	32000	0
<input type="checkbox"/> HUMIDIFIER HEATER1	OFF	32000	0
<input type="checkbox"/> HUMIDIFIER HEATER2	OFF	32000	0
<input type="checkbox"/> CIRCULATION MOTOR	OFF	32000	0

Username*

admin

Password*

Comments*

Give Your Comments...

Save

Continue

Select Component which users want to reset then Enter Password and Comments their Comments is compulsory field. User clicks on **Save** button.

Equipment Write Event

Click on **Continue** Button user can view the Equipment Write Status Information of the Equipment.

Running Hours

1

2

Running Hours

Equipment Write status

Equipment Name	Write Date Time	Parameter Label	Parameter Value	Status	Status Description
No Records Found					

Previous

- Equipment Name : Name of the Equipment
- Write Date Time : Date and Time of the Equipment Write.
- Parameter Label : Name of the Parameter.
- Parameter Value : Value of the Parameter.
- Status : Status of the Equipment.
- Status Description : Status Description of the Equipment

Click on **Preview** button go back to Running hours window.

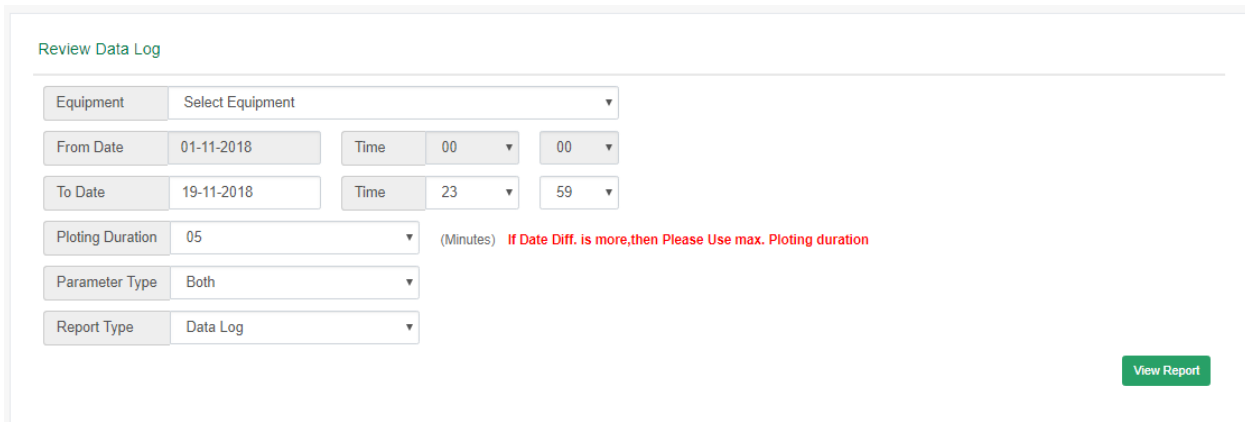
DATA LOG ANALYSIS

Manage Data Log

- Review Data Log

Click on Review Data Log Window in Data Log Analysis Menu Sub Menu Manage Data Log Menu below windows will open from where User can View Review Data Log report and review Data Log.

In below Review Data Log **Windows** User will be able to View Pending Review Data Log Report.



The screenshot shows a web application window titled "Review Data Log". It contains several input fields and dropdown menus for filtering data. The fields are: "Equipment" (a dropdown menu with "Select Equipment" as the placeholder), "From Date" (a date field with "01-11-2018"), "Time" (a time field with "00" and "00" as placeholders), "To Date" (a date field with "19-11-2018"), "Time" (a time field with "23" and "59" as placeholders), "Plotting Duration" (a dropdown menu with "05" as the selected value), "Parameter Type" (a dropdown menu with "Both" as the selected value), and "Report Type" (a dropdown menu with "Data Log" as the selected value). A red text note next to the "Plotting Duration" field reads: "(Minutes) If Date Diff. is more, then Please Use max. Plotting duration". A green "View Report" button is located at the bottom right of the form.

In above window User View/Update following details.

- Equipment : Select Equipment Name from drop down List.
- From Date Time : It Automatically Filled (by last Pending review data log date time).
- To Date Time : Select Date Time Up to when we want to view Data Log.
- Plotting Duration : Select Duration Time of plotting
- Parameter Type : Select Parameter Type
- Report Type : Select Report Type

Click on **View Report** button to View Review Data Logs report.

After click on view Report Button if User Want To Review Data Log, they will Review Directly from same window.

After view report Review Data Log window change to below Window.

Review Data Log

Equipment: Equipment_201

From Date: 08/10/2018 Time: 15:30

To Date: 19-11-2018 Time: 23:59

Ploting Duration: 05 (Minutes) If Date Diff. is more, then Please Use max. Ploting duration

Parameter Type: Temperature

Report Type: Data Log

Username*: admin Password*:

Comments*: Give Your Comments...

View Report Save

If User want to Review Data Log, User Enter Password and Comments, their Comment field is Compulsory Filled and Click on **Save** Button.

- [Approve Data Log](#)

Click on Approve Data Log Window in Data Log Analysis Menu below Sub Menu Manage Data Log Menu below windows will open from where User can View Approve Data Log report and Approve Review Data Log.

In below Approve Data Log **Windows** User will be able to View Pending Approve Data Log Report.

Approve Data Log

Equipment: Select Equipment

From Date: 01-11-2018 Time: 00:00

To Date: 19-11-2018 Time: 23:59

Ploting Duration: 05 (Minutes) If Date Diff. is more, then Please Use max. Ploting duration

Parameter Type: Both

Report Type: Data Log

View Report

In above window User View/Update following details.

- Equipment : Select Equipment Name from drop down List.
- From Date Time : It Automatically Filled (by last Pending Approve data log date time).
- To Date Time : It Automatically Filled (by last Pending Approve data log date time).
- Plotting Duration : Select Duration Time of plotting
- Parameter Type : Select Parameter Type
- Report Type : Select Report Type

Click on **View Report** button to View Approve Data Logs report.

After click on view Approve Button if User Want To Approve Data Log, they will Approve Directly from same window.

After view report Approve Data Log window change to below Window.

Approve Data Log

Equipment: Equipment_175

From Date: 15/10/2018 Time: 16:00

To Date: 15/10/2018 Time: 19:30

Plotting Duration: 05 (Minutes) If Date Diff. is more, then Please Use max. Plotting duration

Parameter Type: Temperature

Report Type: Data Log

Username*: admin Password*:

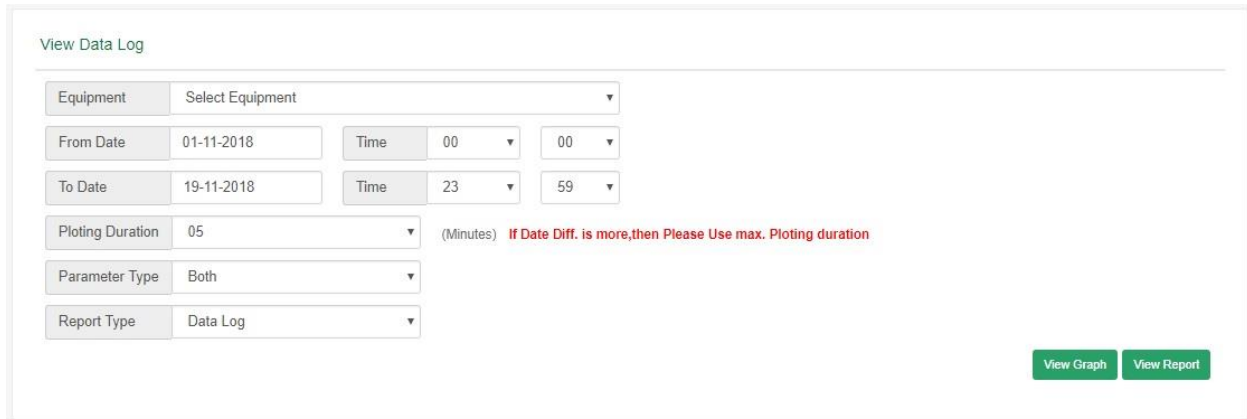
Comments*: Give Your Comments...

View Report Save

If User wants to Approve Data Log, User Enter Password and Comments, their Comment field is Compulsory Filled and Click on **Save** Button.

View Data Log

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



The screenshot shows a web application window titled "View Data Log". It contains several input fields and dropdown menus for filtering data. The fields are: "Equipment" (a dropdown menu with "Select Equipment" as the placeholder), "From Date" (a date field with "01-11-2018"), "Time" (a time field with "00"), "To Date" (a date field with "19-11-2018"), "Time" (a time field with "23"), "Ploting Duration" (a dropdown menu with "05"), "Parameter Type" (a dropdown menu with "Both"), and "Report Type" (a dropdown menu with "Data Log"). There is a red text warning: "(Minutes) If Date Diff. is more, then Please Use max. Plotting duration". At the bottom right, there are two green buttons: "View Graph" and "View Report".

In above window User View/Update following details.

- Equipment : Select Equipment Name from drop down List.
- From Date Time : Select Date Time from when we want to view Data Log.
- To Date Time : Select Date Time Up to when we want to view Data Log.
- Plotting Duration : Select Duration Time of plotting
- Parameter Type : Select Parameter Type
- Report Type : Select Report Type

Click on **View Graph** button to View Data Logs.
After Clicking on **View Graph** button below window will be open.



In above window User View/Update following details.

- Header : Select Header to view header above the Graph.
- Type : Select Type from dropdown list.
- LL : Enter value for LL (Lower Limit).
- UL : Enter value for UL (Upper Limit).
- Axis : Select Axis from dropdown list.

After Plotting the Values If User want to Replot the LL And UL Values Then Click on The Refresh button.

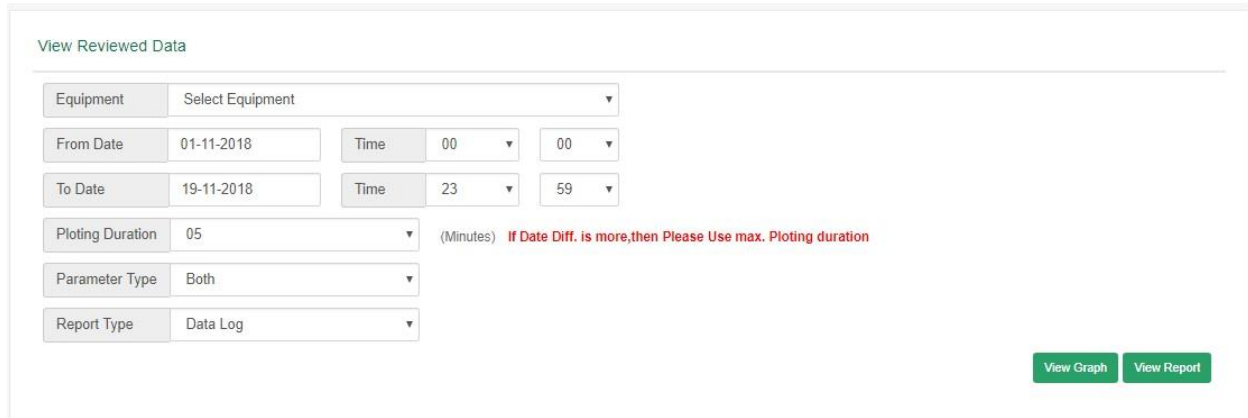
After Plotting the Values If User want to make changes in the Graph Then Click on The Reset button.

If User want to Print the Graph, Then Click on The Print button to take printout of the Graph.

Click on **Back** Button to go back Preview window.

[View Reviewed data Log](#)

Click on View Reviewed data Log Tab in Data Log Analysis menu below window will open, which allow user to View Data Log Details.



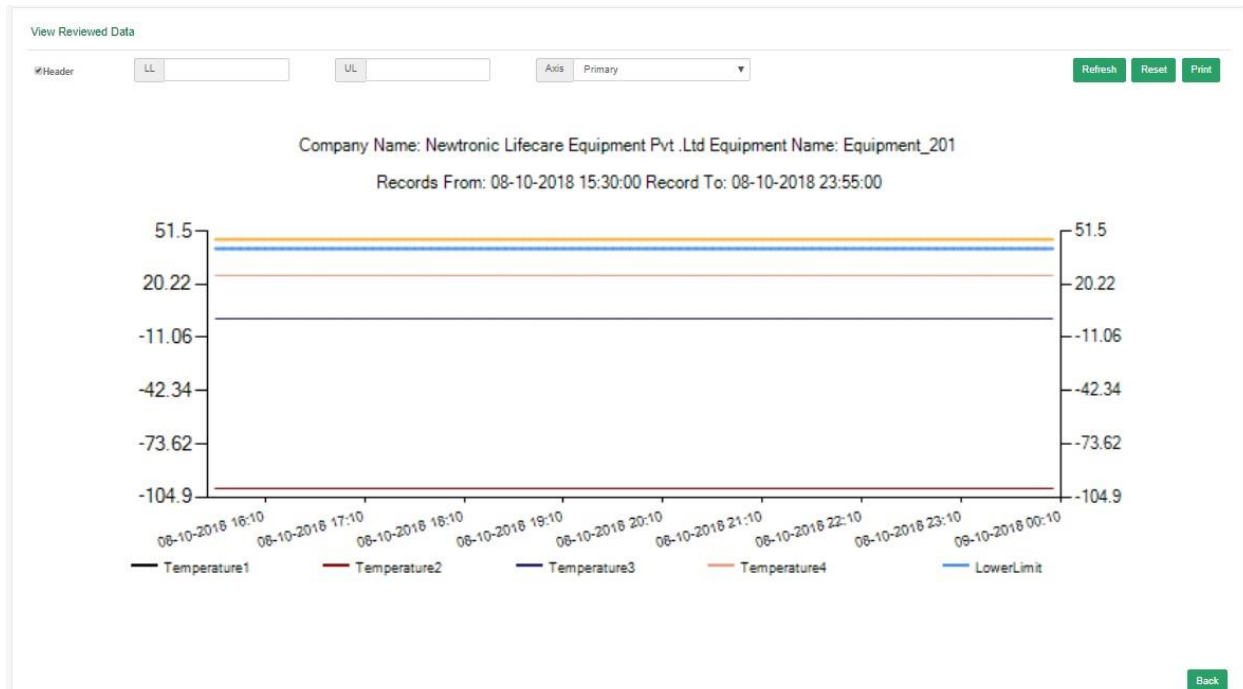
The screenshot shows a web application window titled "View Reviewed Data". It contains several input fields and buttons. The "Equipment" field is a dropdown menu with "Select Equipment" as the placeholder. The "From Date" field is a date picker set to "01-11-2018", and the "To Date" field is a date picker set to "19-11-2018". Both date fields have "Time" dropdowns set to "00" and "59" respectively. The "Plotting Duration" field is a dropdown menu set to "05", with a note "(Minutes) If Date Diff. is more, then Please Use max. Plotting duration". The "Parameter Type" field is a dropdown menu set to "Both". The "Report Type" field is a dropdown menu set to "Data Log". At the bottom right, there are two green buttons: "View Graph" and "View Report".

In above window User View/Update following details.

- Equipment : Select Equipment Name from drop down List.
- From Date Time : Select Date Time from when we want to view Data Log.
- To Date Time : Select Date Time Up to when we want to view Data Log.
- Plotting Duration : Select Duration Time of plotting
- Parameter Type : Select Parameter Type
- Report Type : Select Report Type

Click on **View Graph** button to View Data Logs.

After Clicking on **View Graph** button below window will be open.



In above window User View/Update following details.

- Header : Select Header to view header above the Graph.
- Type : Select Type from dropdown list.
- LL : Enter value for LL (Lower Limit).
- UL : Enter value for UL (Upper Limit).
- Axis : Select Axis from dropdown list.

After Plotting the Values If User want to Replot the LL And UL Values Then Click on The Refresh button.

After Plotting the Values If User want to make changes in the Graph Then Click on The Reset button.

If User want to Print the Graph, Then Click on The Print button to take printout of the Graph.

Click on **Back** Button to go back Preview window.

View Approved data Log

Click on View Approved data Log Tab in Data Log Analysis menu below window will open, which allow user to View Data Log Details.

View Approved Data

Equipment Select Equipment ▼

From Date 01-11-2018 Time 00 ▼ 00 ▼

To Date 19-11-2018 Time 23 ▼ 59 ▼

Plotting Duration 05 ▼ (Minutes) If Date Diff. is more, then Please Use max. Plotting duration

Parameter Type Both ▼

Report Type Data Log ▼

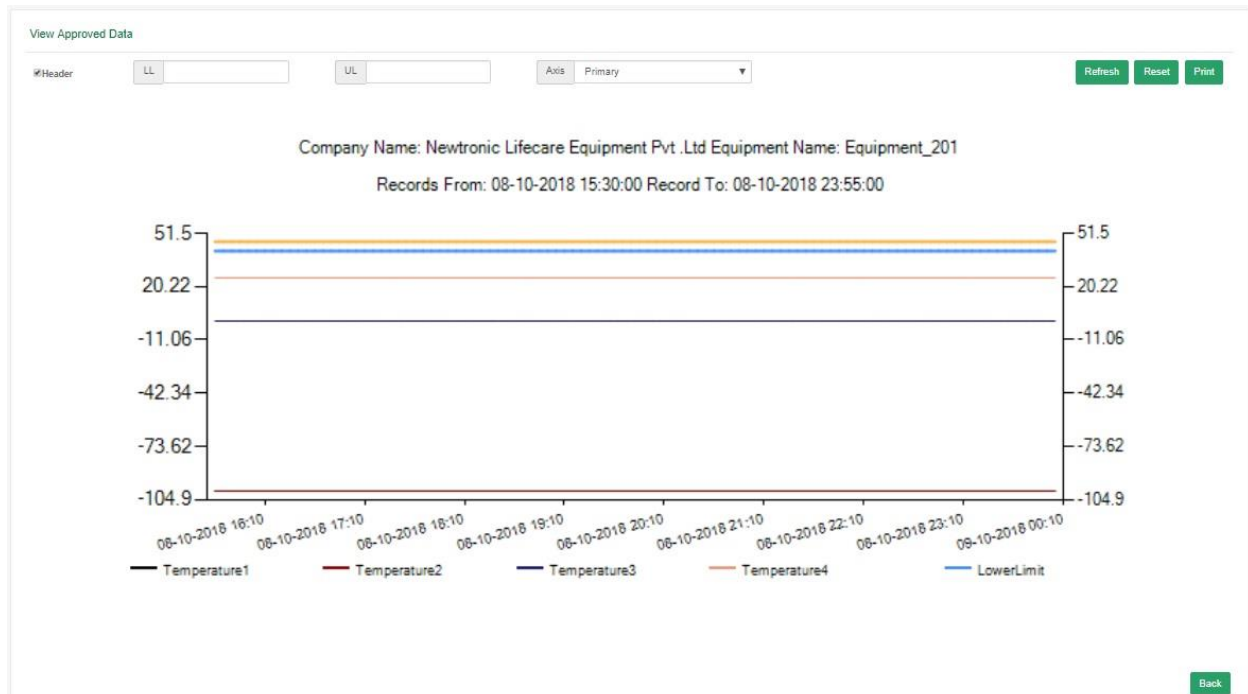
View Graph View Report

In above window User View/Update following details.

- Equipment : Select Equipment Name from drop down List.
- From Date Time : Select Date Time from when we want to view Approved Data Log.
- To Date Time : Select Date Time Up to when we want to view Approved Data Log.
- Plotting Duration : Select Duration Time of plotting
- Parameter Type : Select Parameter Type
- Report Type : Select Report Type

Click on **View Graph** button to View Approved Data Logs.

After Clicking on **View Graph** button below window will be open.



In above window User View/Update following details.

- Header : Select Header to view header above the Graph.
- Type : Select Type from dropdown list.
- LL : Enter value for LL (Lower Limit).
- UL : Enter value for UL (Upper Limit).
- Axis : Select Axis from dropdown list.

After Plotting the Values If User want to Replot the LL And UL Values Then Click on The Refresh button.

After Plotting the Values If User want to make changes in the Graph Then Click on The Reset button.

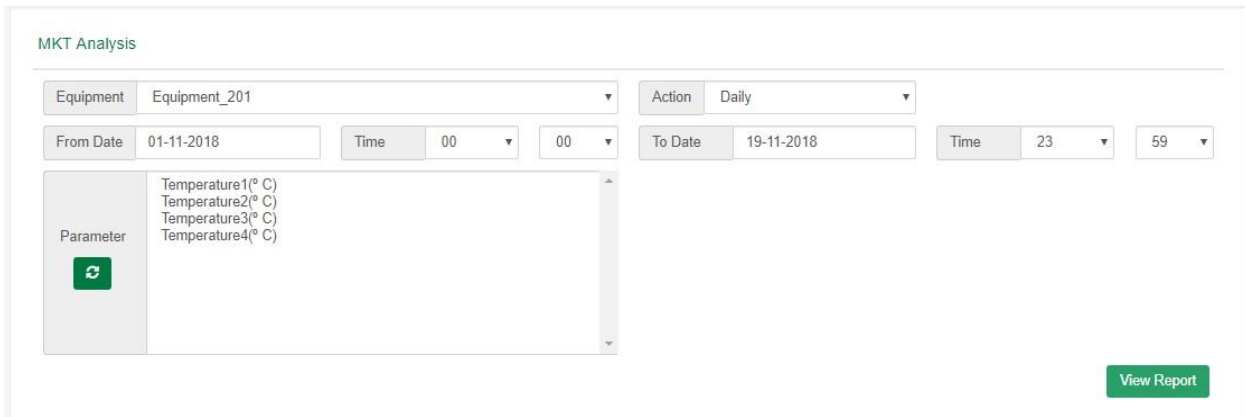
If User want to Print the Graph, Then Click on The Print button to take printout of the Graph.

Click on **Back** Button to go back Preview window.

MKT Analysis

After Reviewing And Approving , Data logs has to be analyze in order to check MKT values as per schedule e.g.(Daily/Weekly/Monthly).

Click on MKT Analysis Tab in Data Log Analysis menu below window will open, which allow user to Analyze MKT (Mean Kinetic Temperature) Values Details.



The screenshot shows the 'MKT Analysis' window. It features a header with the title 'MKT Analysis'. Below the header, there are several input fields and dropdown menus. On the left, there is a 'Equipment' dropdown menu with 'Equipment_201' selected. To its right is an 'Action' dropdown menu with 'Daily' selected. Below these, there are 'From Date' and 'To Date' fields. The 'From Date' is '01-11-2018' and the 'To Date' is '19-11-2018'. Each date field is accompanied by 'Time' dropdown menus. For 'From Date', the times are '00' and '00'. For 'To Date', the times are '23' and '59'. Below the date and time fields, there is a 'Parameter' section with a green refresh icon and a list of parameters: 'Temperature1(° C)', 'Temperature2(° C)', 'Temperature3(° C)', and 'Temperature4(° C)'. At the bottom right of the window, there is a green 'View Report' button.

In above window User View/Update following details.

- Equipment : Select Equipment Name from drop down List.
- From Date Time : Select Date Time from when we want to view MKT Values Details.
- To Date Time : Select Date Time Up to when we want to view MKT Values Details.
- Action : Select Action from dropdown List e.g. (Daily/Weekly/Monthly).

If User want to Print the MKT Analysis of any Channel Then select That Channel(Temperature) and Click on The **View Report** button.

Alarm Log

After Setting Active Email/SMS Alert Alarm in Email / SMS Alert Tab of Configuration Menu, View all The Alarm Logs Details in Alarm Log Tab Of Audit Trails menu.

Click on Alarm Log Tab in Audit Trails menu below window will open, which allow user to View Alarm Log Details.

The screenshot shows the 'Alarm Log' interface. At the top, there are search filters: 'From Date' (01-11-2018), 'Time' (00:00), 'To Date' (19-11-2018), and 'Time' (23:59). Below these are dropdown menus for 'Equipment*' (Select Equipment) and 'Alarm Event' (Select Alarm Event), followed by a green 'Search' button. A table with three columns is visible: 'Log Date Time', 'Alarm Desc', and 'Alarm Type'. At the bottom, there are fields for 'Username*' (admin), 'Password*', and 'Comments*' (Give Your Comments...). A green 'View Report' button and a green 'Save' button are located at the bottom right.

To view Alarms user has to follow below procedure.

- In Search filter option first select From Date, From Time, To Date and To Time.
- Now select equipment whose logged alarm is to be viewed.

In above window User View/Update following details.

- From Date Time : Select Date Time from when we want to view Alarm Log.
- To Date Time : Select Date Time Up to when we want to view Alarm Log.
- Equipment : Select Equipment Name from drop down List.
- Alarm Event : Select Alarm Type

After Selection of Equipment, Alarm is Select list is open.

To acknowledge Alarm Log Select Alarm Log and entering the login details. These comments are mandatory and Click **Save** button.

If User want to Print or View Alarm Report Click On View Report .

AUDIT TRAILS

- Alarm Audit Trail

Click on Alarm Audit Trail Tab in Audit Trails menu below window will open, which allow user to View Alarm Audit Trail.

The screenshot shows the 'Alarm Audit Trail' window. It features a search filter section at the top with the following fields: 'Formats*' (set to 'Date Wise'), 'From Date' (01-11-2018), 'Time' (00:00), 'To Date' (19-11-2018), 'Time' (23:59), and 'Department*' (ALL). Below these are two lists: 'Parameter List' and 'Equipment List'. The 'Parameter List' contains items like 'ACCESS TO DOOR 1' through 'ACCESS TO DOOR 6', 'BOILER CIRCUIT FAIL', 'BOILER HEATER CHANGEOVER', and 'C02 LOW ALARM'. The 'Equipment List' contains 'Equipment_175', 'Equipment_201', 'Equipment_220', and 'Equipment_222'. There is a 'Login Name' field set to 'ALL' with a note '(E.g John,Martin)'. Below the lists are 'Alarm Event' (Set to 'Select Alarm Event') and 'Order By' (Set to 'Log Date' with 'Un Sorted' as an option). A green 'View Report' button is at the bottom right.

To view Alarm Audit Trail User has to follow given procedure.

- In Search Filter option first select Format, From Date, From Time, To Date and To Time and Department.
- Now select Parameter From Parameter List and Equipment Name from Equipment List. And Enter Login Name for which Alarm Audit Trail is to be viewed **Refresh** Window.

In above window User View/Update following details.

- Formats : Select Format from dropdown list.
- From Date Time : Select Date Time from when we want to view Alarm Audit Trail.
- To Date Time : Select Date Time Up to when we want to view Alarm Audit Trail.
- Department : Select Department From dropdown list.
- Parameter List : Select Parameter Name from Parameter List.
- Equipment List : Select Equipment Name from Equipment List.

- Login Name : Enter the login name.
- Alarm Event : Select Alarm Event from list.
- Log Date : Populate Report in Log Date Format
- Unsorted : populate Report in Unsorted Format

If User want to print the Alarm Audit Trail Then Click on The **View report** button.

• [Equipment Audit Trail](#)

Click on Equipment Audit Trail in Audit Trails Analysis Tab of Archive Analysis menu below window will open, which allow user to View Equipment Audit Trail.

To view Equipment Audit Trail User has to follow given procedure.

- In Search Filter option first select Format, From Date, From Time, To Date and To Time and Department.
- Now select Parameter From Parameter List and Equipment Name from Equipment List. And Enter Login Name for which Alarm Audit Trail is to be viewed **Refresh** Window.

In above window User View/Update following details.

- Formats : Select Format from dropdown list.

- From Date Time : Select Date Time from when we want to view Equipment Audit Trail.
- To Date Time : Select Date Time Up to when we want to view Equipment Audit Trail.
- Department : Select Department From dropdown list.
- Parameter List : Select Parameter Name from Parameter List.
- Equipment List : Select Equipment Name from Equipment List.
- Login Name : Enter the login name.
- Log Date : Populate Report in Log Date Format
- Unsorted : populate Report in Unsorted Format

If User want to print the Equipment Audit Trail Then Click on The **View Report** button.

• User Audit Trail

Click on User Audit Trail Tab in Audit Trails menu below window will open, which allow user to View User Audit Trail.

User Audit Trail

Formats* Date Wise

From Date 01-11-2018 Time 00 00 To Date 19-11-2018 Time 23 59

Department* ALL

Parameter List Address Detail Updated
Application Setup Auto Logout Time Updated
Application Setup Backup Local Path Updated
Application Setup Backup Remote Path Updated
Application Setup Backup Time Updated
Application Setup Domain Information Updated
Application Setup Email Signature Updated
Application Setup Email System Updated
Application Setup Login Type Updated
Application Setup Password Frequency Updated

Login Name ALL (E.g John,Martin)

Order By Log Date Un Sorted

View Report

To view User Audit Trail User has to follow given procedure.

- In Search Filter option first select Format, From Date, From Time, To Date and To Time and Department.
- Now select Parameter Name from Parameter List and Enter Login Name for which Alarm Audit Trail is to be viewed **Refresh** Window.

In above window User View/Update following details.

- Formats : Select Format from dropdown list.
- From Date Time : Select Date Time from when we want to view User Audit Trail.
- To Date Time : Select Date Time Up to when we want to view User Audit Trail.
- Department : Select Department From dropdown list.
- Parameter List : Select Parameter Name from Parameter List.
- Login Name : Enter the login name.
- Log Date : populate Report in Log Date Format
- Unsorted : populate Report in Unsorted Format

If User want to Print the User Audit Trail, Then Click on The **View report** button.

- [Email Audit Trail](#)

Click on Email Audit Trail Tab in Audit Trails menu below window will open, which allow user to View Email Audit Trail.

The screenshot shows the 'Email Audit Trail' window. At the top, there's a title bar. Below it, a 'Formats*' dropdown is set to 'Date Wise'. The 'From Date' is '01-11-2018' and 'To Date' is '19-11-2018'. Both have time selectors set to '00' and '23' respectively. An 'Equipment List' section contains a list of equipment names: 'Equipment_175', 'Equipment_201', 'Equipment_220', and 'Equipment_222', with a green refresh button. Below this, 'Email Status' has radio buttons for 'All' (selected), 'Pending', 'Sent', and 'Failed'. There are input fields for 'Email Message', 'Email Subject', and 'To Address'. At the bottom, 'Order By' has radio buttons for 'Log Date' (selected) and 'Un Sorted'. A green 'View Report' button is at the bottom right.

To view Email Audit Trail User has to follow given procedure.

- In Search Filter option first select From Date, From Time, To Date and To Time .
- Now select Equipment Name from Equipment List for which Email Audit Trail is to be viewed By **Refresh** their Window.

In above window User View/Update following details.

- Format : Select Format from dropdown list.
- From Date Time : Select Date and Time from when we want to view Email Audit Trail.
- To Date Time : Select Date and Time Up to when we want to view Email Audit Trail.
- Equipment List : Select Equipment Name from Equipment List.
- Email Status : Select Email Status.
- Email Message : Enter the Message.

- Email Subject : Enter the Subject .
- To Address : Enter the To Address .
- Log Date : Populate Report in Log Date Format
- Unsorted : Populate Report in Unsorted Format

If User want to Print the Email Audit Trail Then Click on The **View Report** button.

• [SMS Audit Trail](#)

Click on SMS Audit Trail Tab in Audit Trails menu below window will open, which allow user to View SMS Audit Trail.

To view SMS Audit Trail User has to follow given procedure.

- In Search Filter option first select From Date, From Time, To Date and To Time .
- Now select Equipment Name from Equipment List for which SMS Audit Trail is to be viewed By **Refresh** their Window.

In above window User View/Update following details.

- Format : Select Format from dropdown list.
- From Date Time : Select Date and Time from when we want to view SMS Audit Trail.
- To Date Time : Select Date and Time Up to when we want to view SMS Audit Trail.
- Equipment List : Select Equipment Name from Equipment List.
- SMS Status : Select SMS Status.

- SMS Message : Enter the Message.
- Log Date : Populate Report in Log Date Format
- Unsorted : Populate Report in Unsorted Format

If User want to Print the SMS Audit Trail, Then Click on The **View Report** button.

Reviewed / Approved Audit Trail

Click on Reviewed / Approved Audit Trail Tab in Audit Trails menu below window will open, which allow user to View Reviewed / Approved Audit Trail.

To view Reviewed / Approved Audit Trail User has to follow given procedure.

- In Search Filter option first select From Date, From Time, To Date and To Time .
- Now select Equipment Name from Equipment List, Status and order by .

In above window User View/Update following details.

- Format : Select Format from dropdown list.
- From Date time : Select Date and time from when we want to view Reviewed / Approved Audit Trail.
- To Date Time : Select Date and Time Up to when we want to view Reviewed / Approved Audit Trail.
- Equipment List : Select Equipment Name from Equipment List.

- Status : Select report type (Reviewed/Approved)
- Log Date : populate Report in Log Date Format
- Unsorted : populate Report in Unsorted Format

If User wants to Print the Reviewed / Approved Audit Trail Then Click on The **View Report** button.

Archive Analysis:

Click on Archive Analysis Menu Window below window will open, here User to View Archive Data log, Archive Alarm Log, Archive MKT and Archive Audit Trails Report

History Analysis:

Click on History Analysis Menu Window below window will open, here User to View History Database Data log, History Database, Alarm Log, History Database MKT and History Database Audit Trails Report.

Change Password

Click on Change Password in username button top Window below window will open, which allow user to Change own password.

In above window User View/Update following details.

- Login Name : Automatically come
- Password : Enter User Current Password.
- Enter New Password : Enter new Password
- Enter Confirm Password : Enter New password Again

After Filled above details Click on **Change Password** button to Change Password.

Logout

Click on Logout button in username button top Window, application Successfully Logout.

Change Department

To change the department Click on Department Button, top of the window and Select the Department User want.

If Department is Change it only shows selected department equipment and their details.

Company Information

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

Company Information

» **Newtronic Lifecare Equipment Pvt. Ltd**

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**

Newtronic Lifecare Equipment Pvt. Ltd.
108-ABCD, Kandivli Co-Op. Industrial Estate, Mumbai - 400067, India.
Phone : +91 22 28679326, Fax: +91 22 28676059. Web: www.newtronic.in

» **Product Version : ICDAS 3.0**