



TRINETRA Wireless

GPS ESP Tracking & Site Management Solutions

User Manual *ver. 1.0*

Developed By



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About this User Manual

This user manual contains the information you need to understand and operate TRINETRA - ADOR – Software.

How this guide is organized

This user guide contains the following parts:

Section 1: Product Introduction

This section describes the integration of Trinetra Device with the ADOR HVRs and how the data is presented in the web application

Section 2: Login to the application

This section describes how to get started with TRINETRA – Ador web application

Section 3: Overview of the Functions

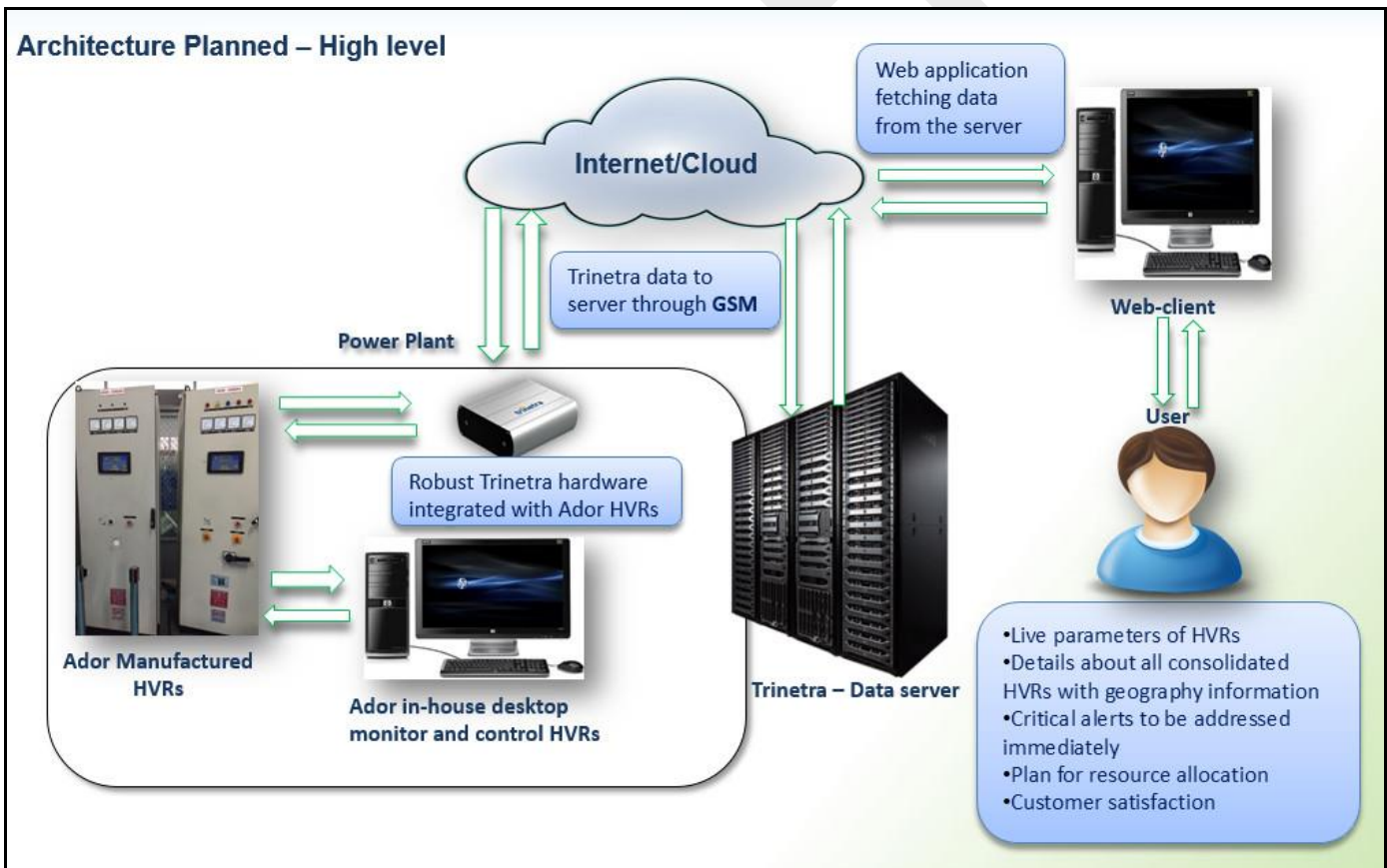
This section provides a detailed overview of the functionalities of the application

Introduction

Trinetra uses industry leading web technologies and cutting-edge hardware design to bring you the highest quality of IoT and PaaS Solutions.

In this customization of Trinetra – Ador portal, Trinetra devices have been integrated with Ador's HVR equipment which are installed at various sites. The Ador web portal will be useful in monitoring and controlling all the parameters of the HVR units. Users can also monitor multiple controllers within the equipment.

Parameters from the HVR equipment will be fetched by the Trinetra device at regular predefined time intervals and the data will be sent to the Trinetra web server through the internet. Data received from the Trinetra device will be parsed and presented to the user in Web Application as well as Mobile App. Data includes all live parameters and critical alerts and other additional parameters of the Unit. Ador can choose to plan their maintenance or rectification activities based on any deviation in the parameters. Data from the HVR units are presented in different user friendly formats in different modules. Users are also provided with a Configuration modules which help them to configure all the predefined parameters and equipment layout as desired.



Logging In

1. The application would start with the login screen.
2. Enter your **Username**, **Password** and **Organization code**.
3. Click **Enter** to begin your session

The image shows a login screen with a blue background. In the center is a white rounded rectangle containing the login form. At the top left of the form is the 'trinetra' logo, and at the top right is the 'ador' logo with the tagline 'peace of mind'. Below the logos are three input fields: 'User Name', 'Password', and 'Organization Code'. The 'Password' field has a link 'Forgot your password?' below it. There is a 'Remember me' checkbox below the 'Organization Code' field. At the bottom right of the form is a large blue button with the text 'ENTER' and a play icon. Below the main form, there are two faint, larger buttons labeled 'SUBMIT' and 'CANCEL'.

Fig: Login Screen

4. If the user wants the application to remember the credentials for consecutive logins, the 'Remember me' checkbox can be checked.
5. Clicking the 'Forgot your password?' link will redirect the user to the password retrieval screen. Here the user needs to enter the User Name & the Organization Code and click the **Submit** button. The password will be mailed to the

user's email address. Clicking the **Cancel** button in the password retrieval screen will return the user back to Login screen.

Fig: Password Retrieval screen

Overview of Functions

1. Dashboard

The dashboard gives a snapshot of the important parameters that needs to be monitored by the users. Data is presented in the form of charts which can be toggled to data view as well. Data in the charts can be exported as reports in PDF and Excel formats for future reference.

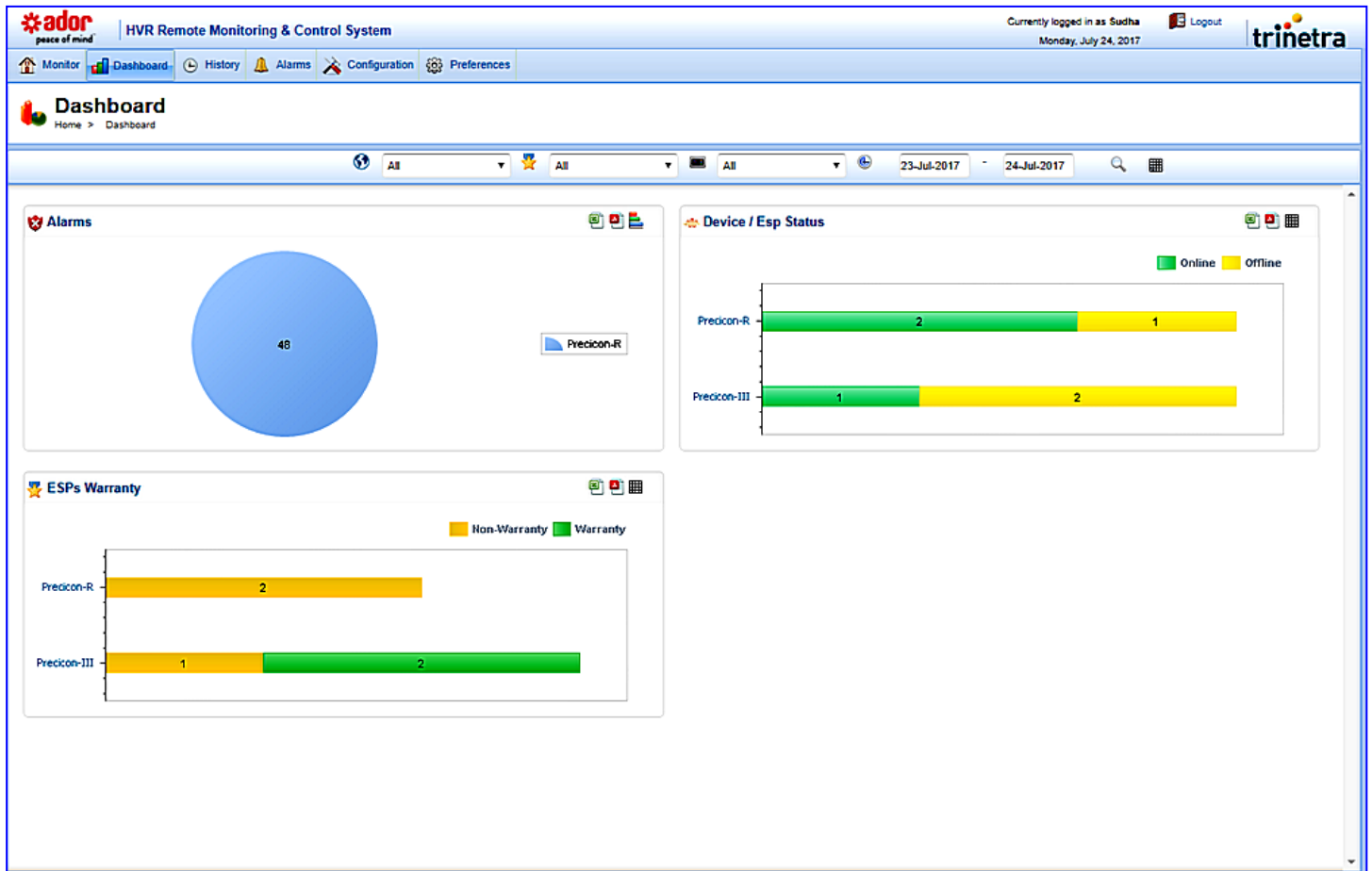
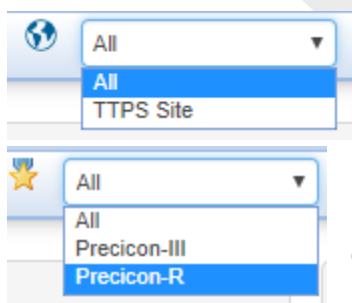


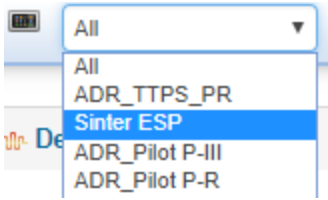
Fig: Dashboard

User can choose to filter the data with a particular criteria by making use of the available filters:

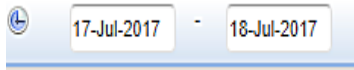


Site Drop down allows the users to select the desired site for which the data has to be viewed

User can select the Type of equipment (Precicon III / Precicon R) to be viewed from this drop down



All equipment available under the selected site and Precicon type will be listed in this Equipment drop down



User can choose the date duration to view the data by selecting the start and end date in these Date fields. A maximum of 7 days data can be viewed at one instance



After selecting the desired filters and when the user clicks on the search button data will be presented in the Dashboard charts based on the selected criteria



Data presented in the Dashboard can be toggled between the data view and the chart view by consequent clicks on the chart and grid icon

Dashboard module consists of the following charts:

Alarms Chart



Fig: Alarms Chart

- Alarms chart presents the data in the form of a pie chart with the count of Alarms received in each of the Precicon type.
- On clicking the Pie chart, a drilled down bar chart with the count of Alarms in each category will be displayed for 15 equipment with highest alarm count for the selected duration

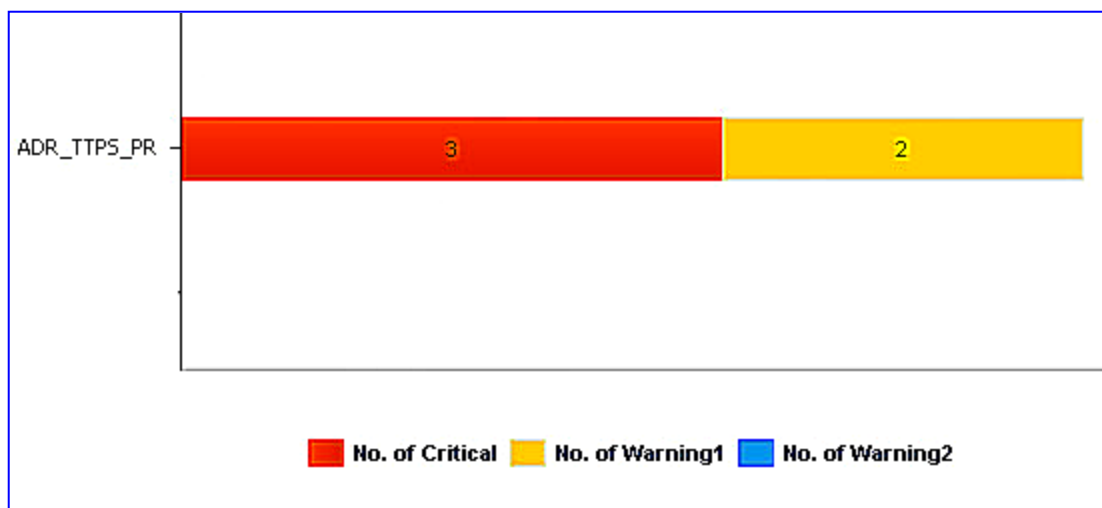


Fig: Drilled - down Alarms chart

Device ESP Status

- Device ESP chart presents the count of ESPs that are currently Online or Offline in each Precicon type
- Data in ESP Status chart is displayed based on the current status of the equipment irrespective of the date duration provided in the filters

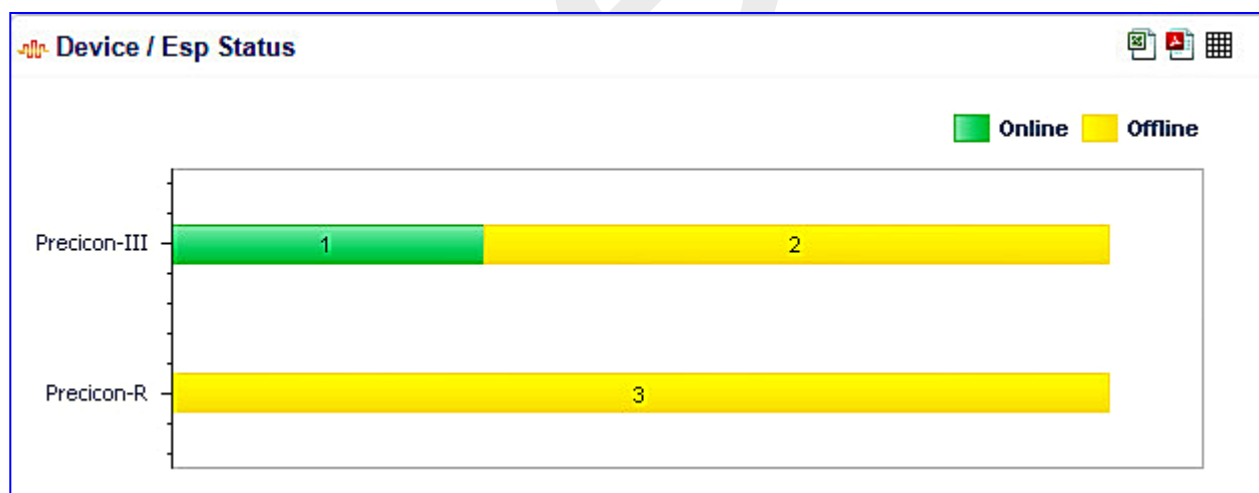


Fig: Device ESP Status Chart

Product Warranty

- This chart presents the data based on the number of equipment that are currently under warranty and the count of ESPs that are currently not under warranty in each Precicon type
- Equipment warranty is identified based on the Warranty date configured while updating the equipment details in the application
- Data in the Product Warranty chart is displayed based on the current date and warranty date of the equipment irrespective of the date duration provided in the filters

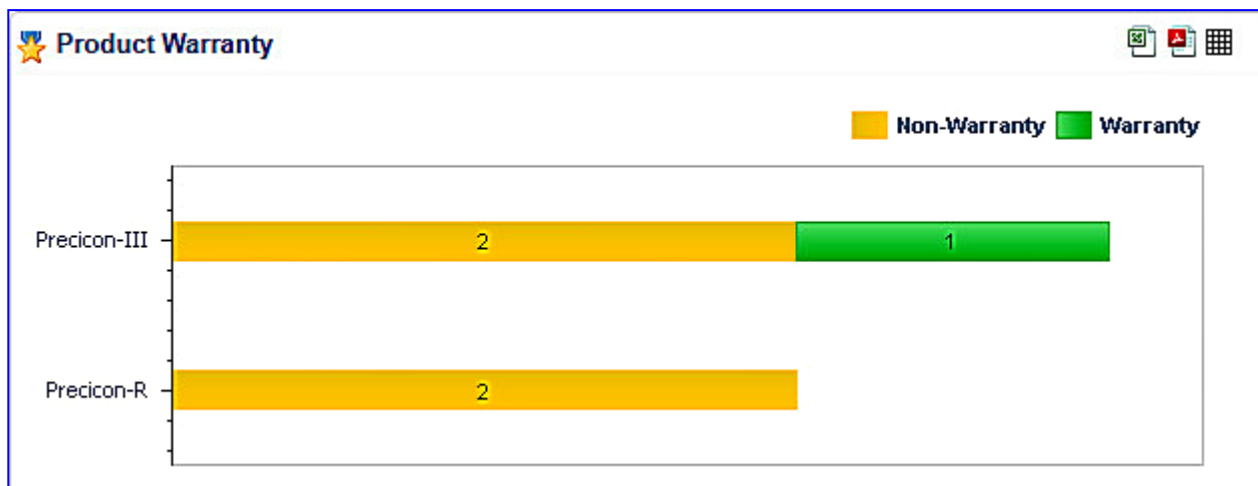


Fig: Product Warranty chart

- User will be able to view all the statistical data charts either in graphical chart form / data view, as shown in sample below.
- User will be able to export the report either in PDF / Excel formats.

Device / Esp Status			
Site	Equipment Type	Equipment Name	Status
All	Precicon-III	ADR_Pilot P-III	Offline
All	Precicon-R	ADR_Pilot P-R	Online
All	Precicon-R	ADR_TTPS_PR	Offline
All	Precicon-R	cooler esp	Offline
All	Precicon-III	Sinter ESP	Online
All	Precicon-III	Tri_Test_P-III	Offline

Fig: Data View & Export Options

2. Monitor

The monitor screen presents the current status of all the equipment at various sites along with their current location in Map. Detailed information about the equipment is displayed in a grid format with various options

- When the Monitor tab is clicked from Menu the Monitor page is loaded with all the equipment at various sites plotted on the map with markers indicating the Precicon type and status of the equipment
- Monitor Grid is updated with information such as
 - Equipment Name : Name of the equipment as configured
 - Controller Type : Type of controllers – Precicon III & Precicon R
 - Last Reported On : Recent date & time when the data was received from the device
 - Location Details : Address of the Equipment
 - Message Details : Last message that was updated from the device
 - Status : Status to indicate whether the equipment is currently Online or Offline



Fig: Monitor Screen

Monitor screen presents the following information in different formats as mentioned below

Scrolling Alarms: A scrolling list of alarms that have been received from all the equipment in the last 24 hours from current time is displayed above the Map. Alarms get updated as and when received based on time. Details such as ESP name, alarm description and the date & time of alarm trigger will be displayed



Fig: Monitor - scrolling Alarms

Map Info Panel: On Moving the mouse over any equipment markers on the map, an Info panel will be displayed, which contains the current equipment details along with some additional pre – configured information about the equipment. An additional weather info displays the current weather information at the site

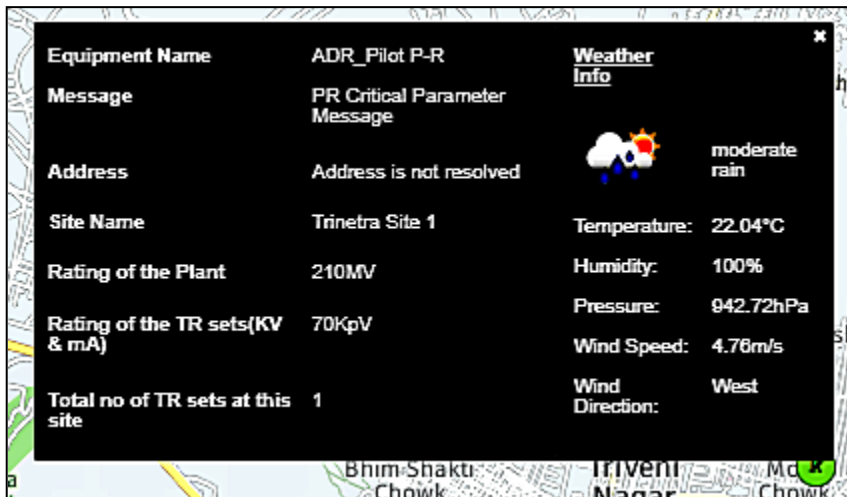


Fig: Monitor Info panel

Grid view will be present below the map which provides the detailed information about the equipment.

Site	Equipment Name	Controller Type	Last Reported On	Location Details	Message Details	Status
All	ADR_Pilot P-III	Precicon-III	05 Jul 2017 12:35:44 PM	Chinchwad East, Chinchwad 411019, India	Location Update	III
	ADR_Pilot P-R	Precicon-R	18 Jul 2017 1:14:50 PM	Address is not resolved	PR Critical Parameter Message	R
	ADR_TIPS_PR	Precicon-R	15 Jun 2017 9:49:53 AM	Harbour Estate, Thoothukkudi 628004, India	PR Critical Parameter Message	R
	cooler esp	Precicon-R	06 Jan 2017 5:06:53 PM	Address is not resolved	Idling started	R
	Sinter ESP	Precicon-III	18 Jul 2017 1:16:44 PM	Address is not resolved	Location Update	III

User will be provided with the following options on the grid that will be useful in viewing the monitor data as desired



- Enables to select the appropriate site and view equipment under that site.



- Plots the selected equipment on map



- List of equipment in a separate window



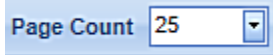
- Displays the map in separate window with all equipment plotted on it



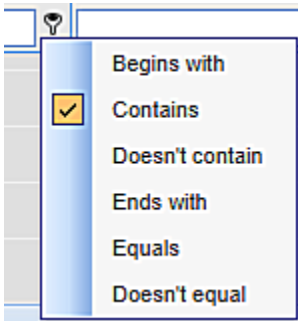
- Refreshes the contents of the grid



- Option to export the contents of the grid in PDF, XLS and RTF formats.



- Count of equipment details to be displayed per page in the grid



- User can also choose to filter the data in the grid by selecting any of the filter options and entering the filter value

Equipment Status



- Indicates that the equipment is of type Precicon R and is Online



- Indicates that the equipment is of type Precicon III and is Offline

Equipment layout: when any of the equipment name in the grid is clicked, a new window will be displayed with the equipment layout as configured.

Status of all the controllers in the equipment will be displayed along with the controller parameters

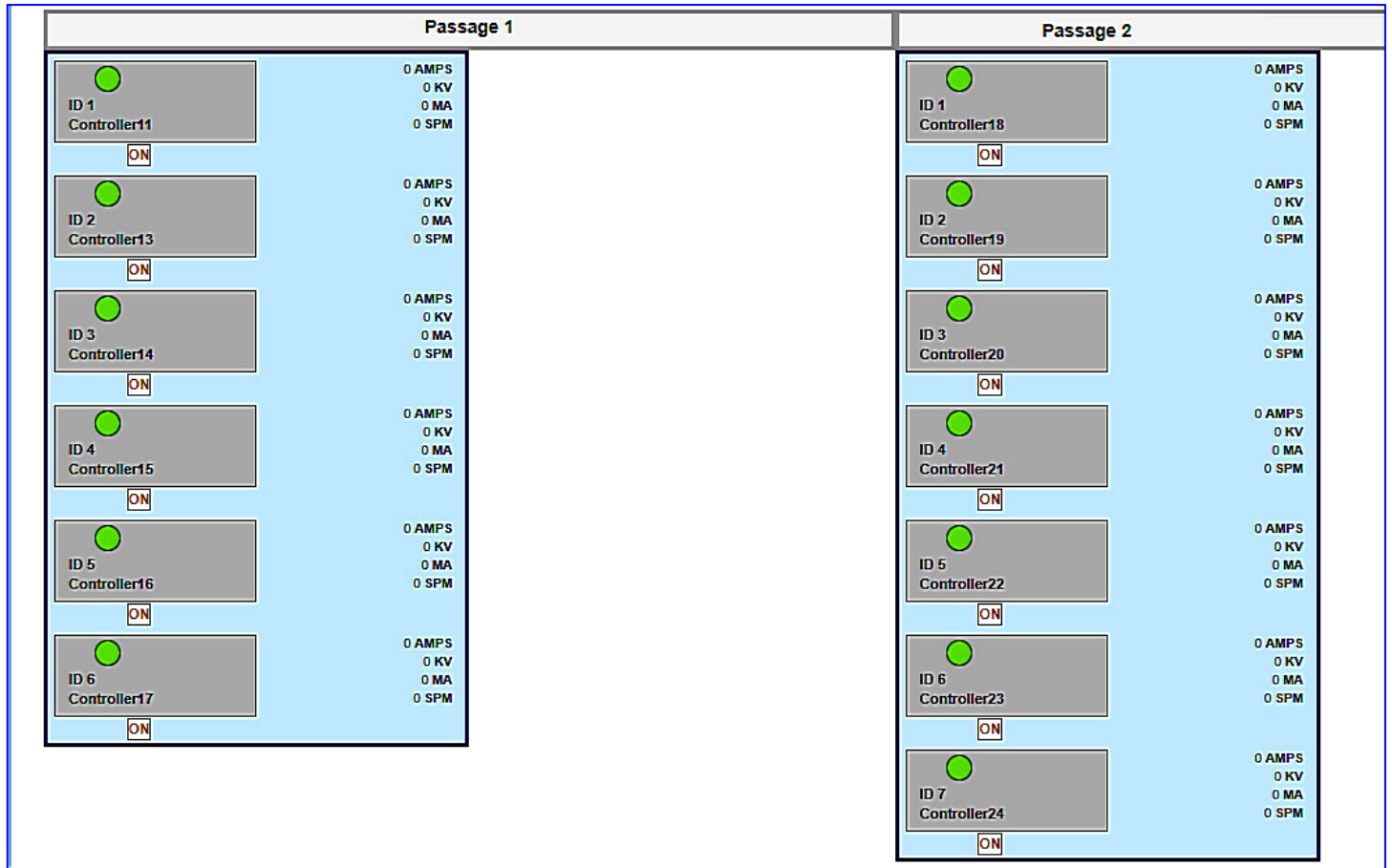


Fig: ESP Layout

3. History

The History screen assists to view all the parameters of the ESP over the selected time duration. The user can generate the list of commands sent to the ESP and the messages & alerts received from the ESP. History can be generated for any consecutive 3 days in the past 3 months at one instance.

History

[Home](#) > [History](#)

All

ADR_Pilot P-R

12-Jul-2017

08 : 00 AM

Update Results

Send Command

Page Count
100

Export To Excel

ESP Name	Date & Time	Message Details	Ctrl ID	DCSIM ID	Primary Voltage (V)	Primary Current (A)	Primary Power (KW)	Secondary Voltage (KV)	Secondary Current (mA)	Spark Per Minute	Arc Per Minute	Under Voltage Trip Mode	Program Number of Rap- per	Primary Voltage Limit(V)
ADR_Pilot P-R	19 Jul 2017 10:54:38 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:51:30 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:48:22 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:45:14 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:42:06 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:38:58 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:35:49 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:32:41 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:29:33 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415
ADR_Pilot P-R	19 Jul 2017 10:26:25 AM	PR Additional Parameter Message 1 (T: 22.73°C, H: 98%, P: 939.67hPa)	1	1	-	-	-	-	-	-	-	-	1	415

Fig: History

History data will be generated based on the selected filters. User can select the desired customer and the corresponding ESP and site details will be listed in the ESP and Site list respectively. User can then choose any specific controller in the ESP and the desired date duration to view the data. Following are the search filters available in History page

 All

List of all the customers

 All

List of all the sites which will be displayed based on the ESPs listed

 ADR_Pilot P-R

List of ESPs which will be displayed based on the selected customer

 All

List of controllers that will be displayed based on the selected ESP

 19-Jul-2017

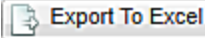
 08 : 00 AM

Start and End date and time for which the History has to be generated

 20-Jul-2017

 10 : 00 AM

On selecting the filters and clicking on the “Update Results” button, data will be updated in the grid. Parameters will be populated in the grid based on the controller type (Precicon III/ Precicon R). When there is no data available for the selected criteria, appropriate alert will be displayed

Users can export the data in Excel format by clicking on 

Users can switch between different pages of data in the grid by clicking on the respective page numbers in the bottom of the grid

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Additional Parameters

Critical and additional parameter messages can be viewed by clicking on the link available in the Message details
Clicking on the Message will open a popup panel displaying the additional parameters

Information Panel

ESP Information

ESP Name

ADR_Pilot P-R

Device ID

999986

Customer Name

Ador Pilot

Location Information

GPS Status

Latitude

0.000000

Longitude

0.000000

Address

N/A

Other Info

Rapper_Ctrl_Word_Limit :]

Message Details

Message Details

PR Additional Parameter Message

Origin Date Time

19 Jul 2017 12:48:33 PM

Received DateTime

19 Jul 2017 12:49:02 PM

Fig: Additional Parameters Panel

Send Command

Privileged Users can send command to the ESPs using the Send Command option. Clicking on the Send command button will display the Send Command panel with the ESP details and the list of commands available for the user

Selecting any particular command will populate the parameters that are applicable for the selected command. User can update the values for the parameters to be sent in the command and can click on Send command.

The following are some of the commands accessible to the user:

Command	Description	Parameters
Get Controller Count	Gets the count of controllers in the selected ESP	NA
Set Controller Count	Sets the controller count in the selected ESP to the value entered	Controllers Count
Set Write Parameters	Sets the entered value for the selected parameter of the selected controller	DCSIM (Type Precicon R) Controller/Field

		Parameter Value

On sending any command from the Control Panel, an indication of the command being sent is displayed in the Control Panel. Also, the result of the command, whether the command is a success or the command has timed out, will also be displayed.

Scheduling of Commands

Users can schedule the commands to the ESP which enables them to execute the commands even in their absence. The command will be automatically sent to the ESP on receiving any message from the device. There is no restriction on the no. of commands that can be scheduled for an ESP. Scheduling of Commands option can be utilized through the Control Panel

Users can select the command which is displayed in the drop-down of the Select Command option. Once the parameters for the selected command are defined, users can enter the retries period and select the **Schedule** button to save the schedule. Command will be executed until the command status is success or the retries period expires. Clicking the Cancel button cancels and closes the scheduling option. The Control Panel will return to its previous state.

4. Alarms

The alarms screen displays all the alarms triggered from the ESPs. Users can view all type of alarms based on the filters and duration selected. Alarms will be categorized based on the severity as configured (Notify, Warning1 and Warning2)

Controller Name	Date Time	Alarm Description	Address	Acknowledged By
TR1	19 Jul 2017 11:58:56 AM	Under_voltage_Condition	N/A	
TR1	19 Jul 2017 11:41:55 AM	Contactor_Open	N/A	
TR1	19 Jul 2017 11:34:59 AM	Contactor_Open	N/A	
TR1	19 Jul 2017 11:33:51 AM	Contactor_Open	N/A	
TR1	19 Jul 2017 11:32:43 AM	Contactor_Open	N/A	
TR1	19 Jul 2017 11:31:35 AM	Contactor_Open	N/A	
TR1	19 Jul 2017 11:30:27 AM	Contactor_Open	N/A	
TR1	19 Jul 2017 11:29:19 AM	Contactor_Open	N/A	

Fig: Alarms Screen

Below mentioned are the search filters available in Alarms screen

List of all the sites which will be displayed based on the ESPs listed

List of ESPs which will be displayed based on the selected customer



Severity of the Alarms will be listed in the drop down


Status of the Alarms will be listed in the drop down

Start and End date and time for which the Alarms has to be generated

Alarms generated based on the selected criteria will display the following data in the grid

Controller Name - Name of the controller from which the Alarms was triggered
 Date & Time - Date & time when the Alarms was triggered

- Alarm Description - Description of the Alarm triggered
- Severity - Indicates the severity of the alarm (Notify, Warning1 and Warning2)
-  - This icon mentions the WARNING type of ALARMS
 -  - This icon mentions the CRITICAL type of ALARMS
- Acknowledgement - Acknowledge received for Alarms from Precicon III type equipment

 Users can export the alarms data in PDF Excel and Word formats by selecting the desired format and clicking on the export button

5. Configuration

Configuration Module allows the user to

- Modify the organization details
- Configure the user groups, users and assigning user group to users.
- Configure the ESPs
- Configure the site, assigning ESPs to the site and assigning users to the site
- Configure the message & sensor severity settings

The user can drag and change the default arrangement of the modules listed in the Configuration page. On rearranging, the user will be requested whether the current layout has to be saved while leaving the page. The saved layout will be loaded next time the user visits the Configuration page.

5.1 User Management

The **User Management** includes

1. **Manage Users** for creating and updating the users.
2. **Manage User Group** for creating, updating and deleting the user groups.
3. **Group Assignment** for assigning and unassigning the users to the user group.

5.1.1 Manage Users

Manage Users module allows the user to manage the organization users by creating and updating them.

Select **Configuration** → **User Management** → **Manage Users** as shown in the below screen

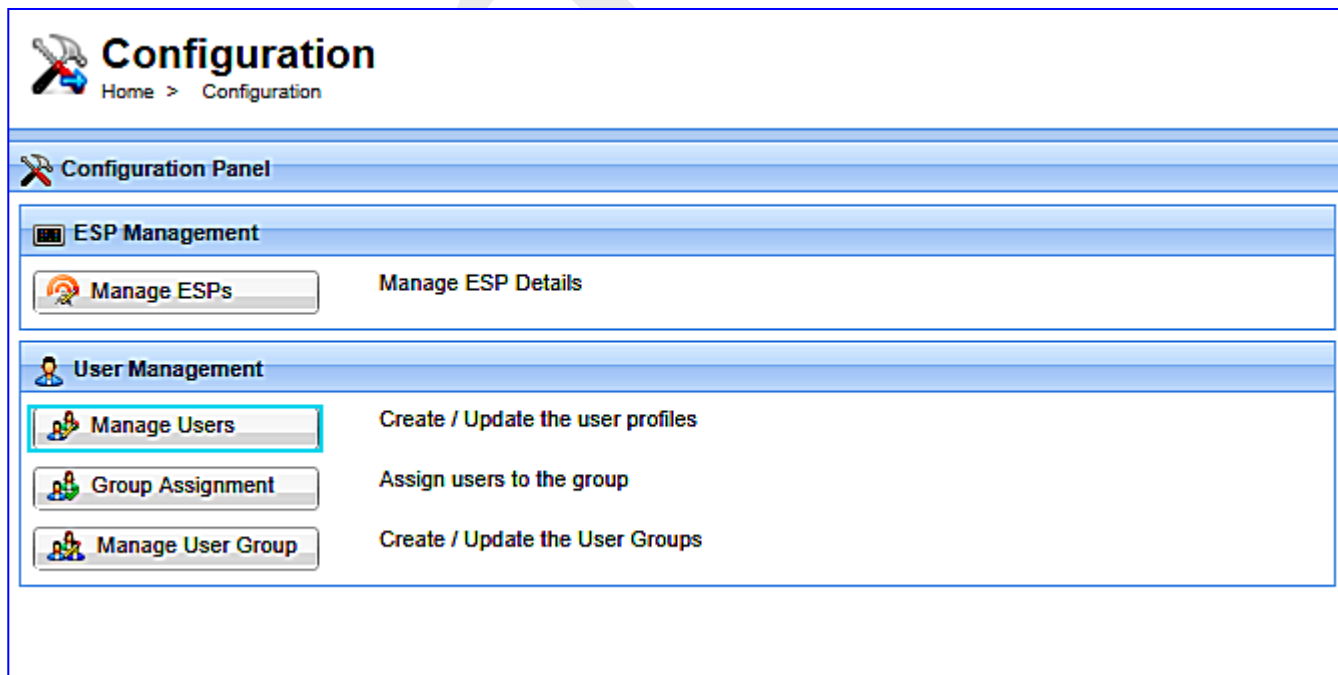


Fig: Manage Users – Configuration Panel

Click the **Manage Users** button in the Configuration Panel to view the following Manage Users Listing screen.

Configuration								Add Users		Manage User Group		Group Assignment		Back to Configuration	
User Details								pdf		Export					
	User Name	Display Name	Email	Group	Active Status	Locked Status									
<input type="checkbox"/>	Administrator	Admin		Security Admin	Active	Unlocked									
<input type="checkbox"/>	Ador	Powertron	Gopalakrishnan@angleritech.com	Security Admin	Active	Unlocked									
<input type="checkbox"/>	anbarasu	Anbarasu.E	anbarasu.e@angleritech.com	Security Admin	Active	Unlocked									
<input type="checkbox"/>	gopal	Krish	Gopalakrishnan@angleritech.com	Security Admin	Active	Unlocked									
<input type="checkbox"/>	Krishna	Krishna	ssgirdhar@adorpover.com	Test visit	Active	Unlocked									
<input type="checkbox"/>	Kumar	Kumar	customerarehvr@adorpover.com	service	Active	Unlocked									
<input type="checkbox"/>	Pradip	Pradip	pvgurmani@adorpover.com	Security Admin	Active	Unlocked									

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Mass Update

Status: - Select - Lock / Unlock: - Select - Assign To: - Select - Update

Fig: Manage Users

- There is a provision for **search** under each column in the above manage users listing screen such that the user can search for a particular user or group of users based on the User Name, Display Name, Email and Group.
- The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header.
- There is a provision for **exporting the contents** from the manage users grid to **PDF, XLS, CSV and RTF** as required. To export, select the file format and click **Export** button at the top right corner.
- The **Active Status** and **Unlocked Status** can also be changed by clicking the icons in the appropriate Active Status and Locked Status column in the grid.

The following are the purpose of the symbols used in the above Manage Users Listing Screen.



Used to edit the user details



Used to reset the password of the user

Add a User – Click **Add Users** button as highlighted in the above Manage Users screen.

User Information

Title *

First Name * Last Name

Email * Phone Number

Mobile Number For e.g 91-4252-267604

☒ Unlocked ☒ Active

User Name * Display Name *

Password * Confirm Password *

User Group * Screen Refresh Frequency (in Sec)


Preferred Site Time Zone


* Required Fields

Fig: Add Users screen

The following are the steps to create the Users

1. Select the **Title** (Mr. / Miss / Mrs.).
2. Fill the personal details of the users like **First Name**, **Last Name**, **Email Id**, **Phone Number** and **Mobile Number**, where Last Name, Phone and Mobile Number are optional.
3. Select the **Unlocked** checkbox. By default, it will be checked. If the Unlocked checkbox is not checked, the user will be locked and would not be able to log into the system. The user will be locked when the user attempts to log into the system with certain number of invalid tries which is set for the organization. It determines whether the user can login into the system or not.
4. Select the **Active** checkbox. By default, it will be checked. If the Active checkbox is not checked, then the user will be made in-active and could not able to login into the system. It determines whether the user is available in the organization or not.
5. Fill **User Name** which allows the user to login to the system.
6. Fill **Display Name** which is displayed throughout in the system when the user logs into the system.
7. Fill **Password** and **Confirm Password** which allows the user to login to the system. The number of password characters allowed should not be less than the number of password characters set for the organization.
8. Select the **User Group** which applies the module and operation wise rights to the user.
9. Select the user preferences like **Preferred site**, **Screen Refresh Frequency in seconds** and **Time zone**
10. Finally click the **Save** button to add the User details or click **Cancel** button to cancel the add operation.

Edit a User – Click the appropriate **Edit** () icon in the right side of the Manage Users Listing Screen corresponding to the User for which the details have to be updated. The Edit screen appears and change the User details as needed and click **Save Button** to reflect the changes.

Reset the password of a User – Click the appropriate **Reset** () icon in the right side of the Manage Users screen, corresponding to the User for which the password has to reset. The following Reset Password screen appears

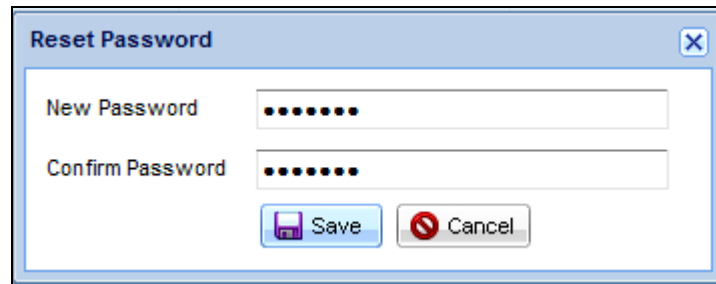
A screenshot of a 'Reset Password' dialog box. It has a title bar with the text 'Reset Password' and a close button (X). Inside the dialog, there are two text input fields. The first field is labeled 'New Password' and contains seven dots. The second field is labeled 'Confirm Password' and also contains seven dots. Below the input fields are two buttons: 'Save' with a floppy disk icon and 'Cancel' with a red circle and slash icon.

Fig: Reset Password Screen

The following are the steps to reset the password

1. Fill **New Password** and **Confirm Password**. The number of password characters allowed should not be less than the number of password characters set in the manage organization.
2. Click the **Save** button to reset the password of the selected user or click **Cancel** button to cancel the reset password operation.

Update the Locked Status, Active Status and User Group for a group of users – There is a provision called **Mass Update** in the Manage Users Listing Page.

The following are the steps for Mass Update

1. The user has to select the group of users using the check box in the grid at the left corner.
2. Select the User Group, Locked and Active Status if required.
3. Finally click the **Update** button for mass update.

Limitations

1. Only the users having the privileges can view or edit the user details or edit the user group.
2. Users cannot be created if the defined user count reaches more than the **Total No of Users** set in the Manage Organization.
3. The users cannot edit their own user group, unlocked status and active status.
4. The users cannot edit the user group, unlocked status and active status of Organization Administrator'.
5. The users cannot reset their own password and the password of Organization 'Administrator'.

5.1.2 Manage User Group

Manage User Group module allows the user to manage the organization user groups by creating, updating and deleting them.

Select **Configuration** → **User Management** → **Manage User Group** as shown in the below screen

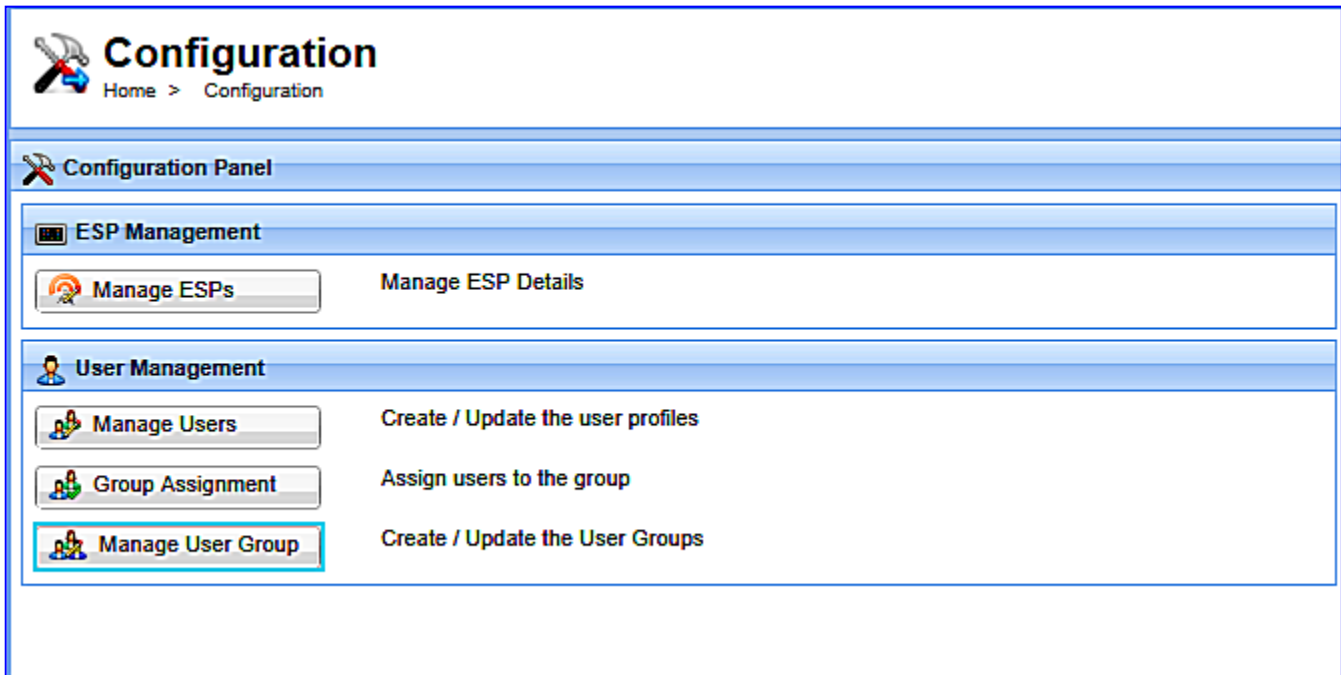


Fig: Manage User Group – Configuration Panel

Click the **Manage User Group** button in the Configuration Panel to view the following Manage User Group screen.

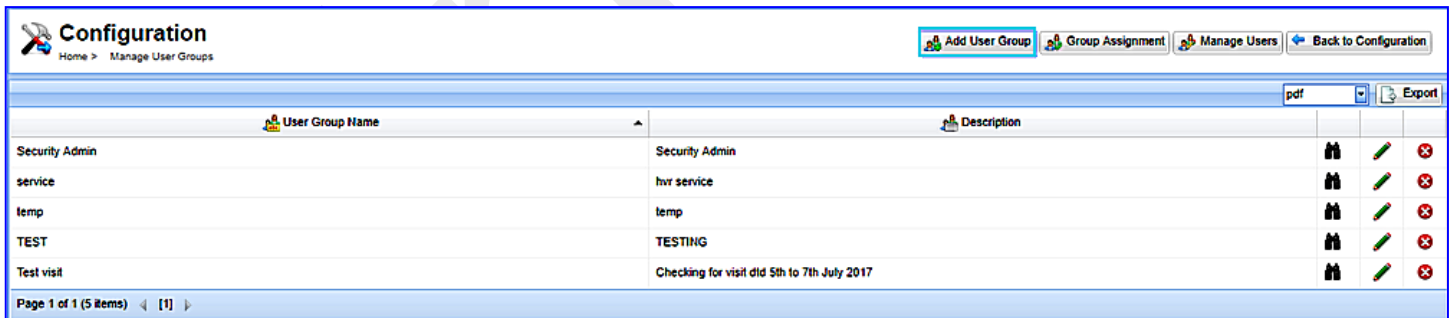


Fig: Manage User Group screen

The users can sort the grid contents based on a particular column by clicking the appropriate column header.

The following are the purpose of the symbols used in the above Manage User Group Listing Screen



BINOCULARS: Used to view the user group details.



PENCIL: Used to edit the user group details



CROSS: Used to delete the user group

Add a User Group – Click **Add User Group** button as highlighted in the above Manage User Group screen.

Manage User Groups

User Group Name *

User Group Description

☐ Lock User


Module List *	
<input checked="" type="checkbox"/>	Module : Notifications
<input checked="" type="checkbox"/>	Module : ESP Layout
<input checked="" type="checkbox"/>	Module : Dashboard
<input checked="" type="checkbox"/>	Module : Monitor
<input checked="" type="checkbox"/>	Module : History
<input checked="" type="checkbox"/>	Module : Alerts
<input checked="" type="checkbox"/>	Module : User Management
<input checked="" type="checkbox"/>	Module : Site Management
<input checked="" type="checkbox"/>	Module : Equipment Management
<input checked="" type="checkbox"/>	Select the operation(s)
<input checked="" type="checkbox"/>	Add Equipments
<input checked="" type="checkbox"/>	Delete Equipment
<input checked="" type="checkbox"/>	Edit Equipments
<input type="checkbox"/>	Module : Preferences
<input type="checkbox"/>	Module : Commands
<input type="checkbox"/>	Module : Messages In


* Required Fields


Fig: Add User Group screen

The following are the steps to create the User Groups

1. Fill **User Group Name** (mandatory) and **User Group Description** (optional).
2. Select the required modules and operations by selecting the appropriate check box at the left corner.
3. Finally click the **Save** button to add the User Group details or click **Cancel** button to cancel the add operation.

Edit a User Group – Click the appropriate **Edit** () icon in the right side of the Manage User Group screen, corresponding to the User Group for which the details have to be updated. Change the user group details, module and operation rights as needed, and click the **Update** button to reflect the changes.

View a User Group – Click the appropriate **View** () icon in the right side of the Manage User Group screen, corresponding to the User Group for which the details have to be viewed. The user group details will be viewed by the user in the read only mode.

Delete a User Group – Click the appropriate **Delete** () icon in the right side of the Manage User Group screen, corresponding to the User Group which has to be deleted.

Limitations

1. Only the users having privileges can create, edit, view and delete the user group.
2. The users cannot able to edit their own user group details.
3. Other than the **Security Admin** group users, users of other group cannot update the details of **Security Admin** group.
4. The User Group cannot be deleted once it is assigned to users.
5. The default User Group **Security Admin** cannot be deleted.

5.1.3 Group Assignment

Group Assignment Module allows the user to assign the user group to the users. Group Assignment provides the module and operation wise rights to the users. The users without user group cannot login to the system.

Select **Configuration** → **User Management** → **Group Assignment** as shown in the below screen

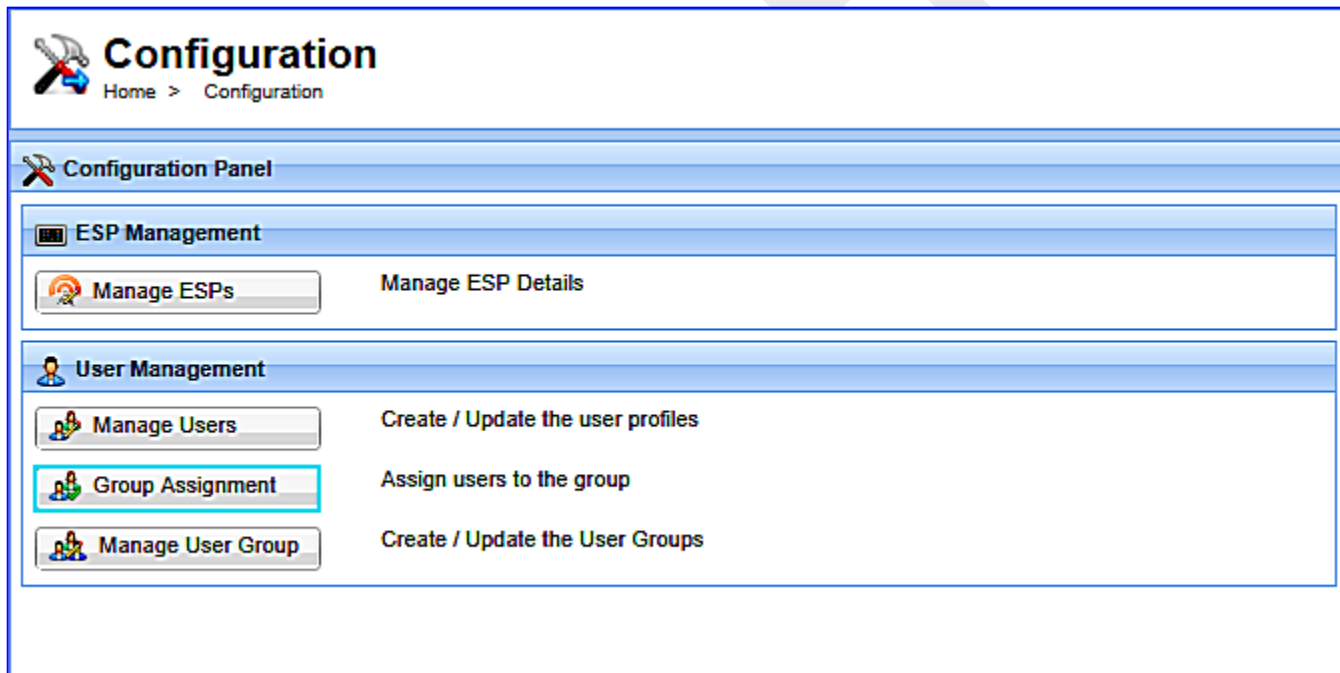


Figure: Group Assignment – Configuration Panel

Click the **Group Assignment** button in the Configuration Panel to view the following Group Assignment Screen

Group User Assignment

User Groups
Security Admin

Unassigned Users

	User Name	Display Name	Group	Active Status	Locked Status
<input type="checkbox"/>	Krishna	Krishna	Test visit	Active	Unlocked
<input type="checkbox"/>	Kumar	Kumar	service	Active	Unlocked
<input type="checkbox"/>	Shree	Shree - Ador	Test visit	Active	Unlocked
<input type="checkbox"/>	Sudhir	SSG	temp	Active	Unlocked

Page 1 of 1 (4 Items)
1

Assign

Assigned Users

	User Name	Display Name	Group	Active Status	Locked Status
<input type="checkbox"/>	Administrator	Admin	Security Admin	Active	Unlocked
<input type="checkbox"/>	Ador	Powertron	Security Admin	Active	Unlocked
<input type="checkbox"/>	anbarasue	Anbarasu.E	Security Admin	Active	Unlocked
<input type="checkbox"/>	gopal	Krish	Security Admin	Active	Unlocked
<input type="checkbox"/>	Pradip	Pradip	Security Admin	Active	Unlocked
<input type="checkbox"/>	Ranjith	RM	Security Admin	Active	Unlocked
<input type="checkbox"/>	sudha	Sudha	Security Admin	Active	Unlocked
<input type="checkbox"/>	Vivek	KKumar	Security Admin	Active	Unlocked

Page 1 of 1 (8 Items)
1

Unassign

Fig: User Group Assignment

There is a provision for **search** under each column in both unassigned users list and assigned users list in the above User Group Assignment screen such that the user can search for a particular user or group of users based on the User Name and Display Name.

The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header in both unassigned users list and assigned users list.

The user can select multiple users that are to be assigned from the unassigned list and vice versa for the particular User Group.

The following are the steps to assign and unassign the users to the user group

- Select the required **User Group**. The users will be loaded based on the user group selected.
- Select the user group for which the user has to be assigned or unassigned. By selecting the user group, the users which were all assigned and unassigned will be displayed.
- To assign the users to the selected user group, Select the check box of the corresponding users from the Unassigned Users List and click the **Assign** button to assign the selected users to the User Group as highlighted in the Group User Assignment Screen Shot.

If the user is already assigned with other user group, then on clicking the assign button will replace the user group with selected user group for the user.

- To unassign the users from the selected User Group, Select the check box of the corresponding users from the Assigned Users List and click the **Unassign** button to unassign the selected users from the User Group as highlighted in the Group User Assignment Screen Shot.
If the user is already assigned with the same selected user group and on clicking the unassign button will not allow the user to login into the system until the user group is assigned.

Limitations

- Only the users having privileges can assign and unassign the users from the user group.
- The users cannot assign or unassign their own user group.
- The user cannot assign or unassign the user group of organization **Administrator**.

5.2 Site Management

The **Site Management** includes

- Manage Site** for creating, updating and deleting the site.
- ESP Assignment** for assigning and unassigning the ESPs to the site.
- User Assignment** for assigning and unassigning the users to the site.

5.2.1 Manage Site

Manage Site Module allows the user to create, modify and delete the site.

Select **Configuration** → **Site Management** → **Manage Site** as shown in the below screen

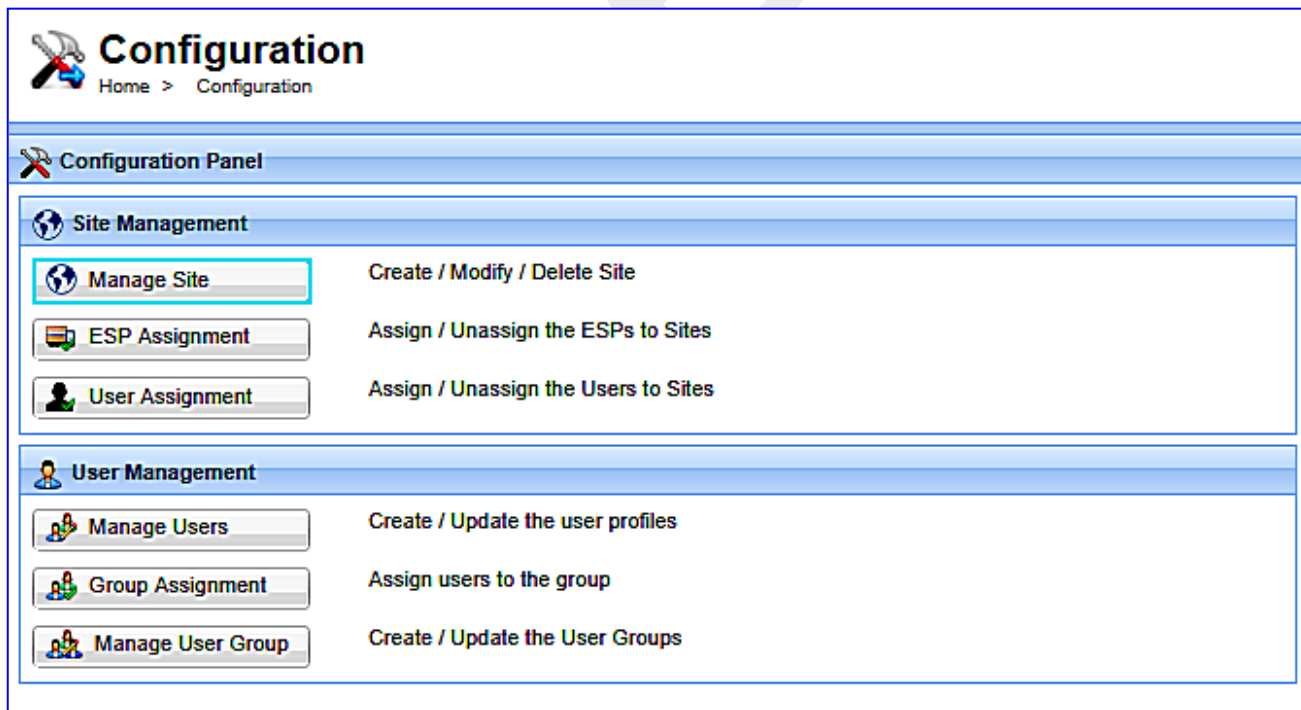
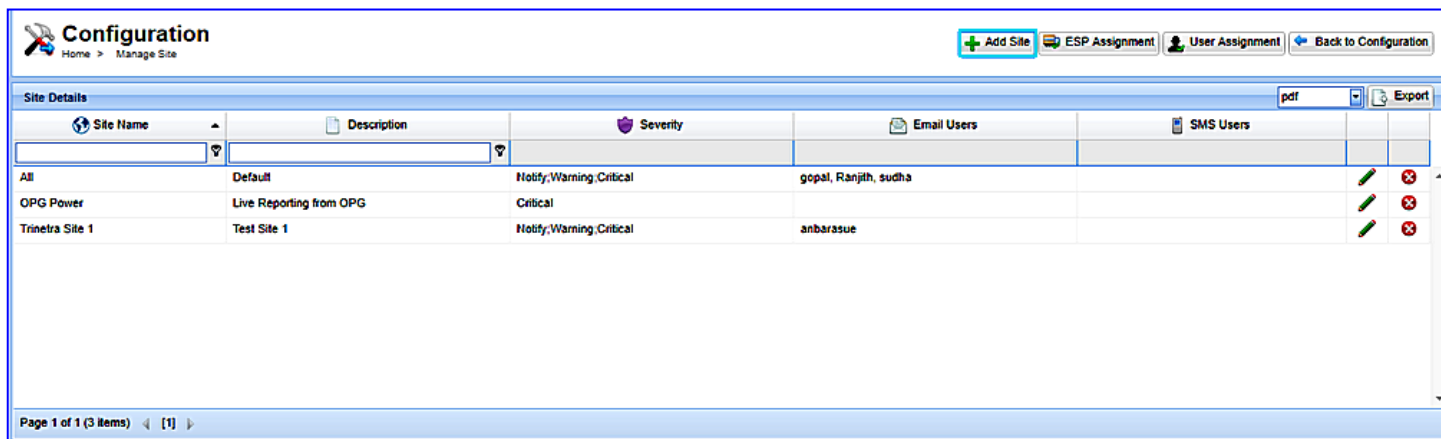


Fig: Configuration – Manage Site

Click the **Manage Site** button in the Configuration Panel to view the following Manage Site screen.



Site Name	Description	Severity	Email Users	SMS Users
All	Default	Notify,Warning,Critical	gopal, Ranjith, sudha	
OPG Power	Live Reporting from OPG	Critical		
Trinetra Site 1	Test Site 1	Notify,Warning,Critical	anbarasue	

Fig: Manage Sites

- There is a provision for **search** under each column in the above manage site listing screen such that the user can search for a particular site or group of site based on the Site Name and Description.
- The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header.
- There is a provision for **exporting the contents** from the Manage Site grid to PDF, XLS, CSV and RTF as required. To export, select the file format and click **Export** button at the top right corner.

The following are the purpose of the symbols used in the above Manage Site Listing Screen

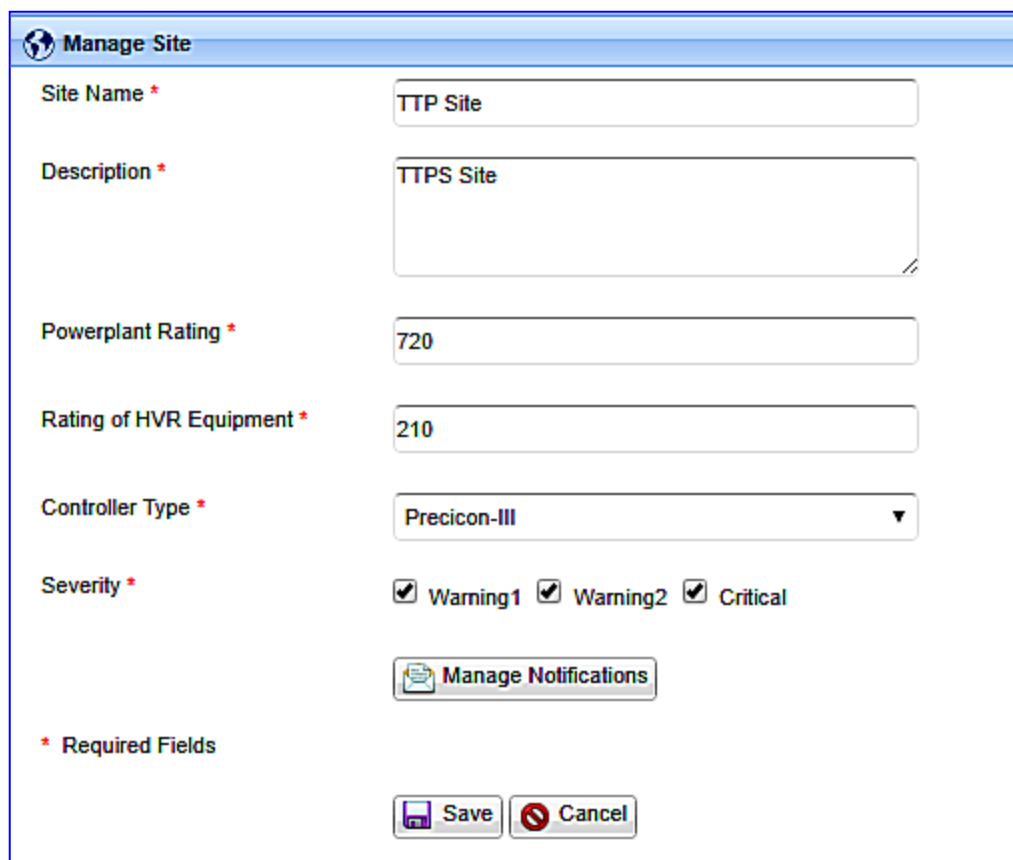


PENCIL: Used to edit the site details



CROSS: Used to delete the site

Add a Site – Click **Add Site** button as highlighted in the above Manage Sites screen.



Manage Site

Site Name * TTP Site


Description * TTPS Site

Powerplant Rating * 720

Rating of HVR Equipment * 210

Controller Type * Precicon-III

Severity * ☒ Warning1 ☒ Warning2 ☒ Critical

 Manage Notifications

* Required Fields



 Save  Cancel

Fig: Manage Site Add Screen

The following are the steps to create the Site

1. Fill **Site Name** and **Description**.
2. Enter the rating for the power plant and the rating for the HVR equipment
3. Select the equipment type (Precicon III/ Precicon R)
4. Select the **Severity** levels for the site in the Manage Site Add Screen.

If all other three severities are selected, whenever the ESPs under this site triggers the messages with these severities then, Email / SMS / Both notification will be given to the intended user automatically by the system.

5. Click the **Manage Notification** button in the Manage Site Add Screen and following **Manage Notifications** pop-up appears.

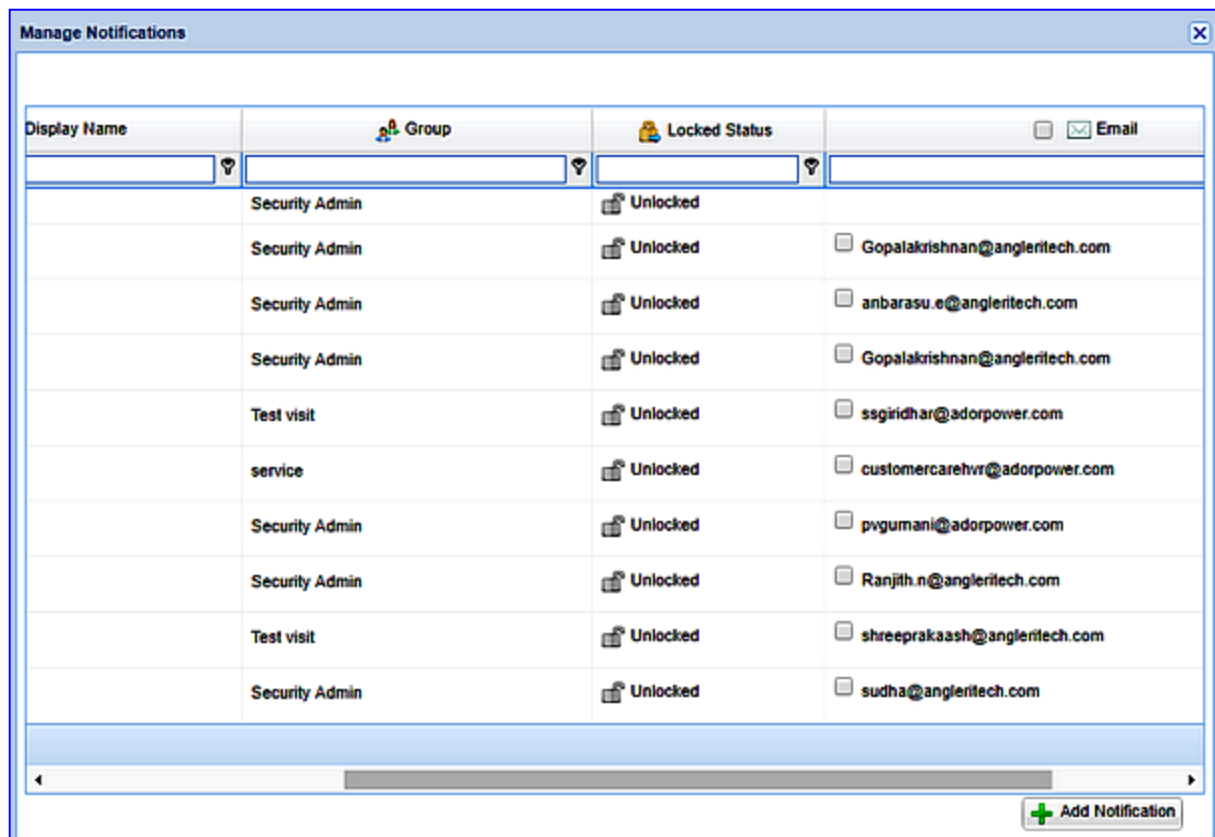




Figure: Manage Notifications Popup

If the user has the **Email** then a check box will be shown along with the email address of the user and also the same applies for the **Mobile Number**. Select the users to whom Email & SMS notifications have to be sent.

6. Click **Add Notifications** to set the notification list against the selected Site.
7. Finally click the **Save** button to add the site or click **Cancel** button to cancel the add operation.

Edit a Site – Click the appropriate **Edit** () icon in the right side of the Manage Site Screen corresponding to the Site for which the details have to be updated. The Edit screen appears and change the site details as required and click the **Save** button to reflect the changes.

Delete a Site – Click the appropriate **Delete** () icon in the right side of the Manage Site screen corresponding to the Site which has to be deleted.

Limitations

1. Only the users having privileges can create, edit, view and delete the site.
2. Users can manage only assigned sites which are done in the Site User Assignment module and rest of them will not be displayed in the list. But organization's Administrator can manage all the available sites in the organization.
3. User cannot delete the default site **All**.
4. User cannot delete the site which has assigned ESPs (or) users (or) set as default site in user preferences.

5.2.2 ESP Assignment

ESP Assignment Module allows the user to assign the ESPs to the site.

Select **Configuration** → **Site Management** → **ESP Assignment** as shown in the below screen

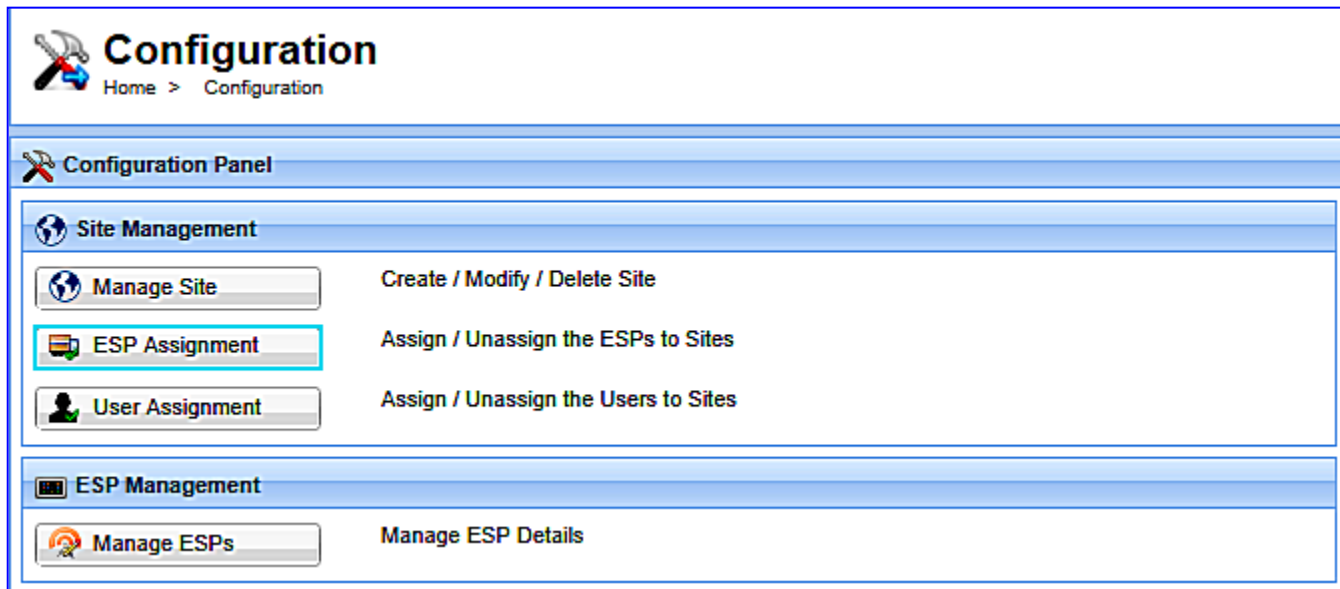


Fig: ESP Assignment – Configuration Panel

Click the **ESP Assignment Button** in the Configuration Panel to view the following ESP Assignment Screen

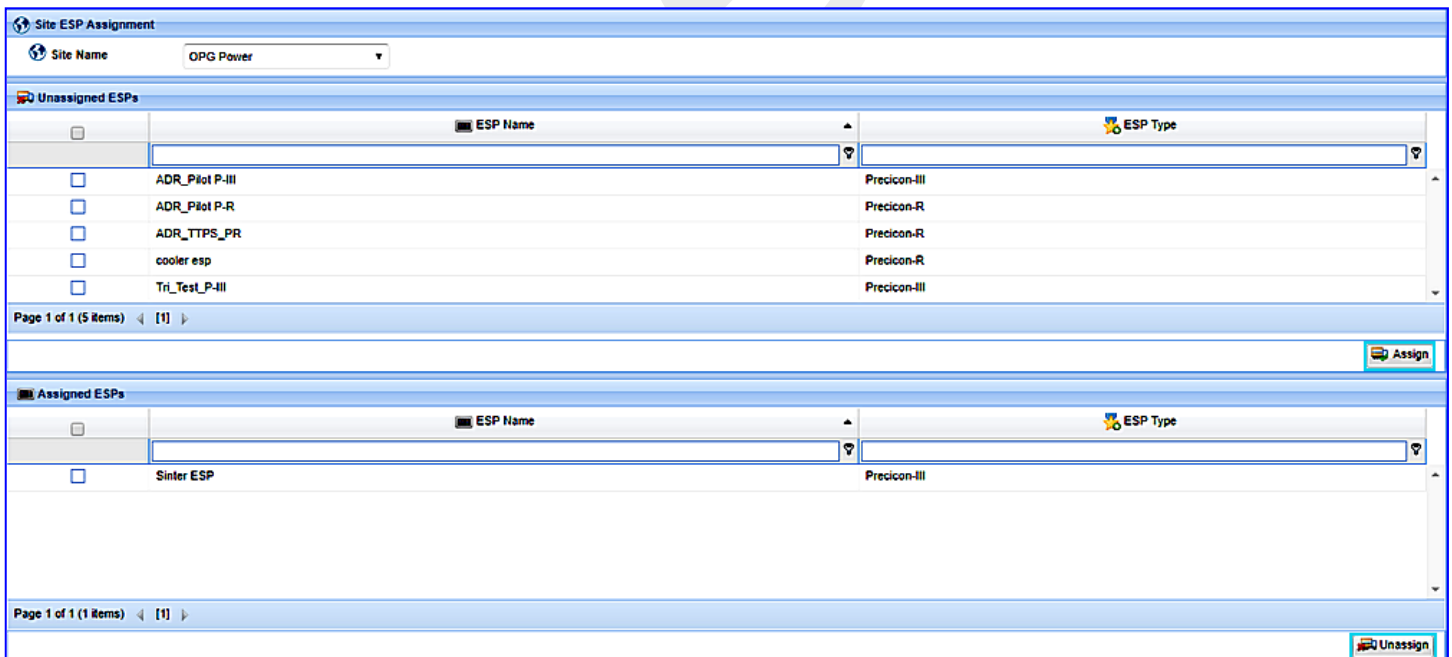


Fig: Site ESP Assignment

There is a provision for **search** under each column in both unassigned ESPs list and assigned ESPs list in the above Site ESP Assignment screen such that the user can search for a particular ESP or group of ESPs based on the ESP Name, ESP Type, Make and Model.

The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header in both unassigned ESPs list and assigned ESPs list.

The user can select multiple ESPs that are to be assigned from the unassigned ESP list and vice versa for the particular Site.

The following are the steps to assign and unassign the ESPs to the site

- Select the required **Site** from the drop down. The ESPs will be loaded based on the site selected.
- Select the site for which the ESPs have to be assigned or unassigned. By selecting the site, the ESPs which were all assigned and unassigned will be displayed.
- To assign ESPs to the selected site, Select the check box of the corresponding ESPs from the Unassigned ESPs List and click the **Assign** button to assign the selected ESPs to the Site as highlighted in the Site ESP Assignment Screen Shot.
- To unassign ESPs from the selected Site, Select the check box of the corresponding ESPs from the Assigned ESPs List and click the **Unassign** button to unassign the selected ESPs from the Site as highlighted in the Site ESP Assignment Screen Shot.

Limitations

1. Only the users having privileges can assign and unassign the ESPs from the site.
2. By default, all ESPs created in the Manage ESPs will be assigned to the default site 'All ESPs'. The user cannot unassign the ESPs from the default site 'All ESPs'
3. Only the assigned site will be loaded in the Site drop down for the users other than the organization's Administrator.

5.2.3 User Assignment

User Assignment Modules allows the user to assign the users to the site. Only the assigned sites will be displayed for the user throughout the application when the user logs into the system and the organization's Administrator can manage all site.

Select **Configuration** → **Site Management** → **User Assignment** as shown in the below screen

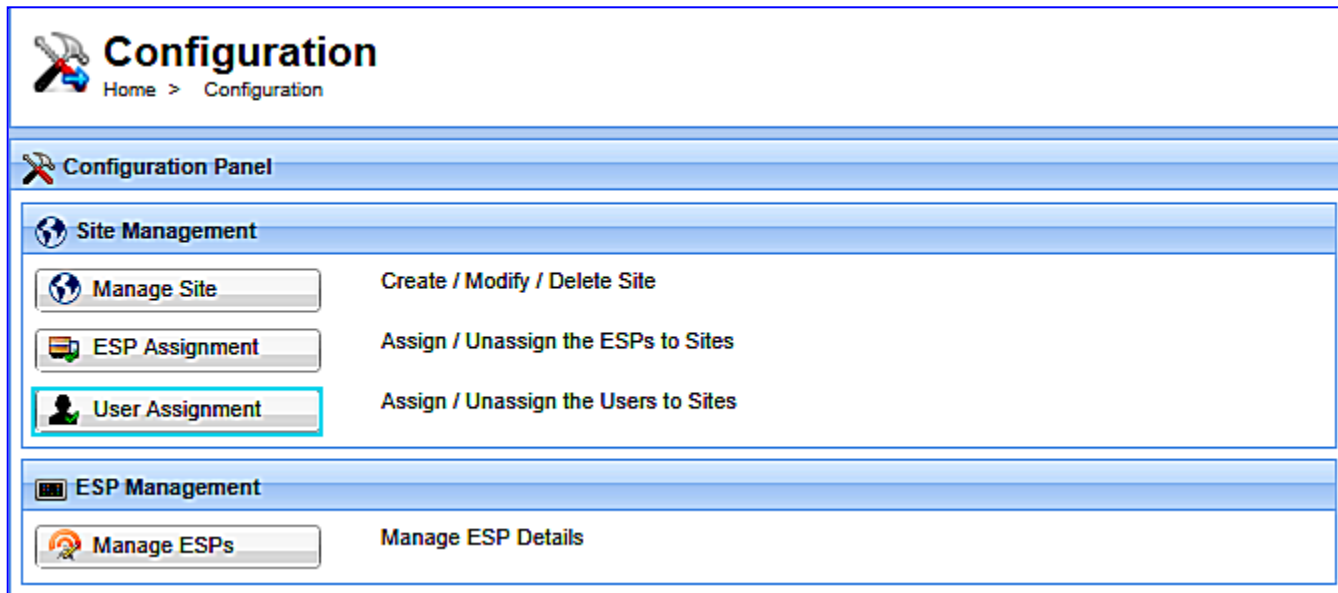


Fig: User Assignment – Configuration Panel

Click the **User Assignment Button** in the Configuration Panel to view the following User Assignment Screen

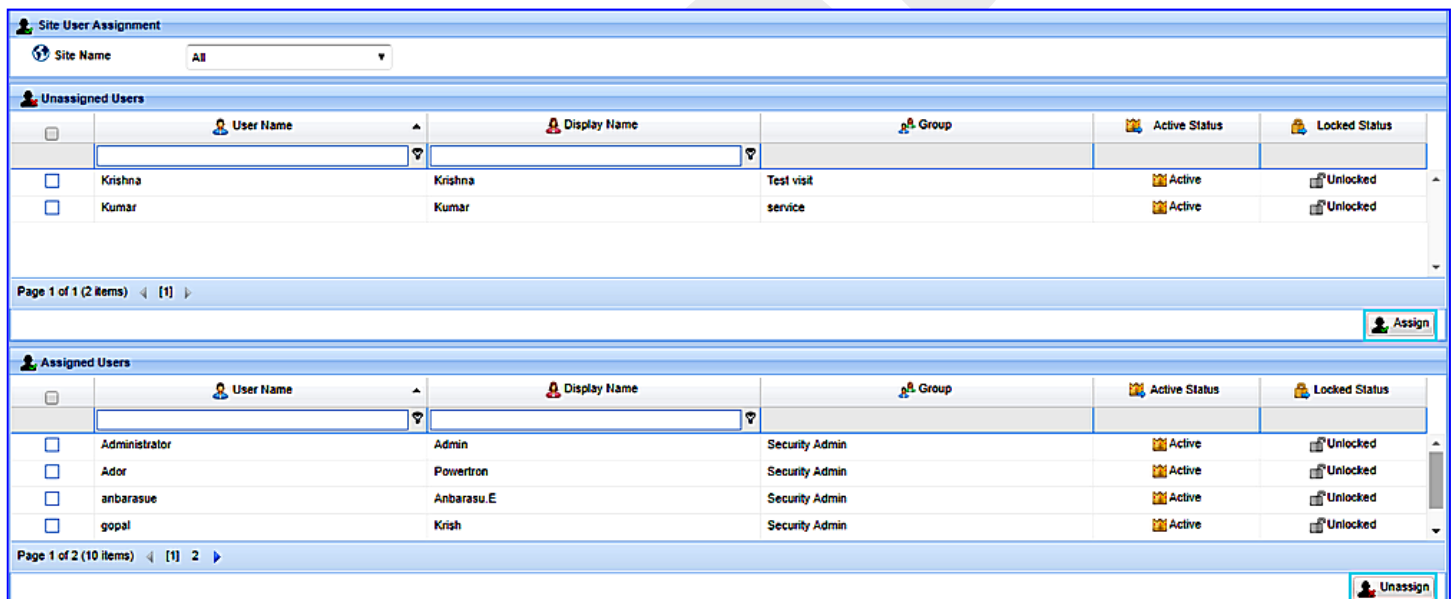


Fig: User Assignment

There is a provision for **search** under each column in both unassigned users list and assigned users list in the above Site User Assignment screen such that the user can search for a particular user or group of users based on the User Name and Display Name.

The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header in both unassigned users list and assigned users list.

The user can select multiple users that are to be assigned from the unassigned users list and vice versa for the particular Site.

The following are the steps to assign and unassign the users to the site

- Select the required **Site** from the drop down. The users will be loaded based on the site selected.
- Select the site for which the users have to be assigned or unassigned. By selecting the site, the users which were all assigned and unassigned will be displayed.
- Select the check box of the corresponding users from the Unassigned Users List and click the **Assign** button to assign the selected users to the Site as highlighted in the Site User Assignment Screen Shot.
- Select the check box of the corresponding users from the Assigned Users List and click the **Unassign** button to unassign the selected users from the Site as highlighted in the Site User Assignment Screen Shot.

Limitations

1. Only the users having privileges can assign and unassign the users from the site.
2. The users cannot unassign their own site.
3. The user cannot assign or unassign the site for the organization's Administrator.
4. Only the assigned site will be loaded in the Site drop down for the users other than the organization's Administrator.

5.3 ESP Management

The **ESP Management** includes

Manage ESPs for creating and updating the details of the ESPs.

5.3.1 Manage ESPs

Manage ESPs Modules allows the users to modify the ESP details.

Select **Configuration** → **ESP Management** → **Manage ESPs** as shown in the below screen

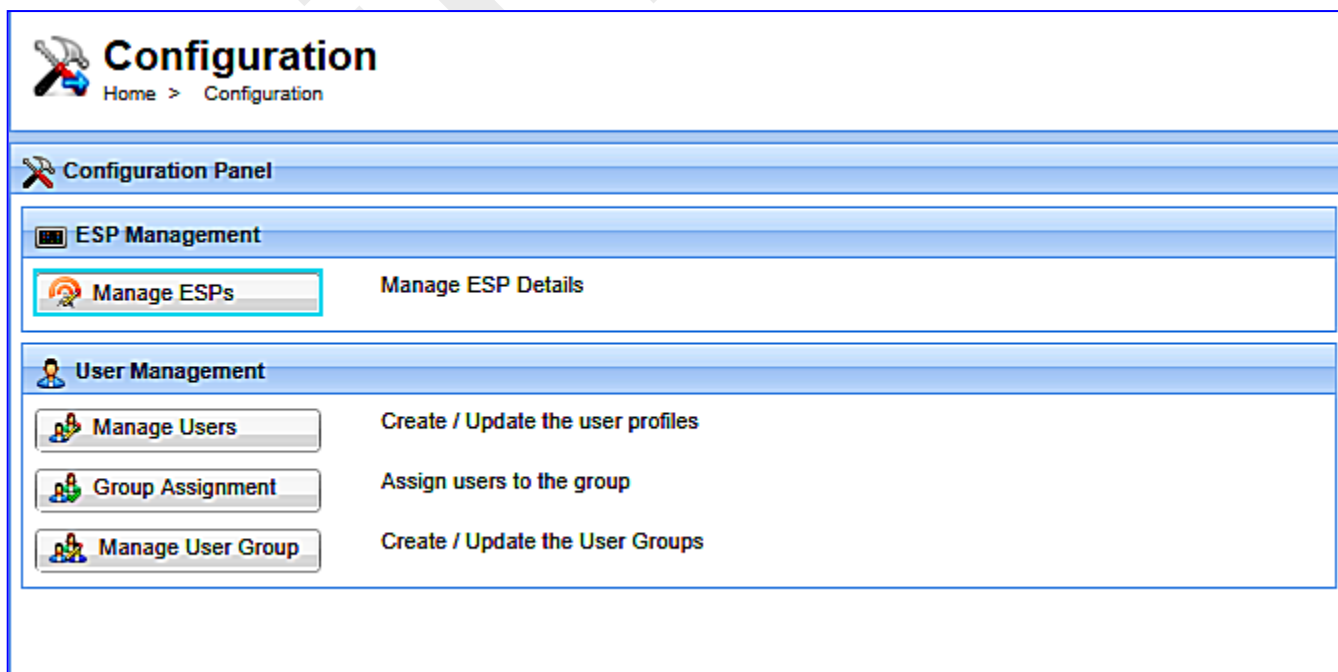


Fig: Manage ESPs – Configuration Panel

Click the **Manage ESPs Button** in the Configuration Panel to view the following Manage ESPs Listing Screen





















Configuration							
Home > ESP Management							
+ Add ESP Back to Configuration							
Device ID	ESP Name	Controller Type	Date Of Commissioning	Customer Name	Device Notification	Warranty End Date	
999978	cooler esp	Precicon-R	11 Jul 2017	Ador Pilot	gopal, Krishna, Kumar, Ranjith	19 Jul 2017	  
999981	ADR_TTPS_PR	Precicon-R	30 Dec 2015	TTPS	-	31 May 2017	  
999984	Sinter ESP	Precicon-III	12 Apr 2017	OPG	-	31 Jul 2017	  
999985	ADR_Pilot P-III	Precicon-III	17 Jan 2017	Ador Pilot	-	25 Jan 2018	  
999986	ADR_Pilot P-R	Precicon-R	16 Jan 2017	Ador Pilot	gopal, Ranjith, sudha	31 Jan 2017	  
999989	Tri_Test_P-III	Precicon-III	21 Mar 2014	Trinetra	-	26 Apr 2017	  

Fig: Manage ESPs

- There is a provision for **search** under each column in the above manage ESPs listing screen such that the user can search for a particular ESP or group of ESPs based on the Device ID, ESP Name, Make Name, Model and License Plate.
- The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header.
- There is a provision for **exporting the contents** from the manage ESPs grid to **PDF**, XLS and RTF as required. To export, select the file format and click **Export** button at the top right corner.

The following are the purpose of the symbols used in the above Manage Site Listing Screen

 PENCIL: Used to edit the ESP details

 CROSS: Used to delete the ESP

 BINOCULARS: View ESP details

Add an ESP – Click **Add ESP** button as highlighted in the above Manage ESPs screen.

Device Information

ESP Details

Device ID * 999979 Controller Type * Precicon-III

ESP Name * Cooler WSP Customer Name * Ador Pilot

Date of Commissioning 23-Jul-2017 Email * admin@adr.com

Contact No. * 98541232452 Additional Information (Max 250 char)

Warranty Start Date * 01-Jul-2017 Warranty end Date * 31-Jul-2022

Severity * ☐ Warning1 ☐ Warning2 ☐ Critical

Manage Device Notifications

* Required Fields

Save Cancel

Fig: Manage Site Add Screen

The following are the steps to create an ESP

1. Select the Device ID mapped to the ESP from the drop down
2. Select the equipment type of the ESP
3. Enter the name of the ESP
4. Select the Customer name form the Customer drop down. User can also add new customer details by clicking on the "Add New Customer" option
5. Customer details panel will displayed when the add icon is clicked.
 - a. User can enter the customer name and location and save the details.
 - b. Clicking on cancel will return to the add ESP screen
6. User can also edit the existing customer details by clicking on the edit icon which will be displayed on selecting a customer
7. Customer details can be deleted by clicking on the delete button which will be displayed in the edit customer details panel

Customer Information

Customer Name *

Location

Fig: Add Customer Details

Customer Information

Customer Name *

Location

Fig: Edit/Delete Customer Details


8. Enter the Date of Commissioning details
9. Enter the Email ID and Contact number
10. Enter any additional details of the ESP if required'
11. Enter the warranty start date and End date for the ESP
12. Select the severity of alarms to be notified
13. Select the user(s) for notification by clicking on the Manage Notifications button


Manage Notifications


Display Name	Group	Locked Status	Email
	Security Admin	Unlocked	
	Security Admin	Unlocked	<input type="checkbox"/> Gopalakrishnan@angleritech.com
	Security Admin	Unlocked	<input type="checkbox"/> anbarasu.e@angleritech.com
	Security Admin	Unlocked	<input type="checkbox"/> Gopalakrishnan@angleritech.com
	Test visit	Unlocked	<input type="checkbox"/> ssgiridhar@adornpower.com
	service	Unlocked	<input type="checkbox"/> customercarehwr@adornpower.com
	Security Admin	Unlocked	<input type="checkbox"/> pvgumani@adornpower.com
	Security Admin	Unlocked	<input type="checkbox"/> Ranjith.n@angleritech.com
	Test visit	Unlocked	<input type="checkbox"/> shreeprakash@angleritech.com
	Security Admin	Unlocked	<input type="checkbox"/> sudha@angleritech.com

Figure: Manage Notifications Popup

14. If the user has the **Email** then a check box will be shown along with the email address of the user and also the same applies for the **Mobile Number**. Select the users to whom Email & SMS notifications have to be sent.
15. Click **Add Notifications** to set the notification list against the selected ESP.
16. Finally click the **Save** button to add the ESP or click **Cancel** button to cancel the add operation.

Edit an ESP – Click the appropriate **Edit** () icon in the right side of the Manage ESP Screen corresponding to the ESP for which the details have to be updated. The Edit screen appears and change the ESP details as required and click the **Save** button to reflect the changes.

Delete an ESP – Click the appropriate **Delete** () icon in the right side of the Manage ESP screen corresponding to the ESP which has to be deleted.

View an ESP - Click the appropriate View icon () in the right side of the **Manage ESP** screen corresponding to the ESP which has to be viewed. View screen appears with all the details of the ESP

Limitations

1. Only the users having privileges can add, edit and view the ESP details.
2. Users can manage only the ESPs of the assigned sites which is done in Site User Assignment Module and rest of them will not be displayed in the list but the organization's Administrator can manage ESPs under all sites in the organization.

5.4 ESP Layout

The ESP Layout module includes

1. ESP Configuration to configure the controllers in an ESP
2. ESP Layout to view the layout of an ESP

5.4.1 ESP Configuration

ESP Configuration allows the users to Add, Edit, View and Delete the controllers of an ESP

Select **Configuration** → **ESP Layout** → **ESP Configuration** as shown in the below screen

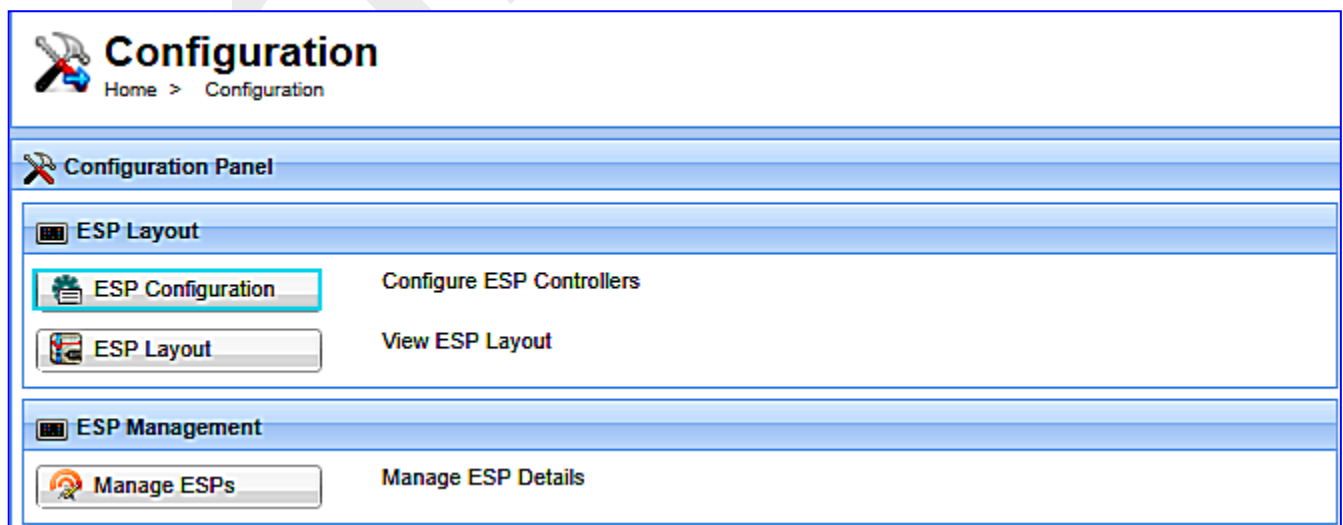


Fig: Configuration - ESP Layout

Click the **ESP Configuration** in the Configuration Panel to view the following controller management Screen

Configuration									
Home > Controller Management									
+ Add Controller ← Back to Configuration									
pdf Export									
ESP									
Controller Srt.No	ID	Controller Name	Passage	Field / Chamber	DCSIM	Location	Warranty End Date		
ESP: ADR_Pilot P-R (No. of Controllers: 1)									
1	1	TR1	Passage 1	A	DCSIM 1	Inlet	08-Jun-2018		
ESP: ADR_TTPS_PR (No. of Controllers: 24)									
ESP: cooler esp (No. of Controllers: 6)									
11110-01-01-01	1	1B1	Passage 1	A	DCSIM 1	Inlet	13-Jul-2017		
11111-01-01-01	2	1B2	Passage 1	A	DCSIM 1	Intermediate	28-Jul-2017		
11112-01-01-01	3	1B3	Passage 1	A	DCSIM 1	Outlet	24-Jul-2017		
11113-01-01-01	1	1A1	Passage 2	A	DCSIM 2	Inlet	13-Jul-2017		
11114-01-01-01	2	1A2	Passage 2	A	DCSIM 2	Intermediate	27-Jul-2017		
11115-01-01-01	3	1A3	Passage 2	A	DCSIM 2	Outlet	13-Jul-2017		
ESP: Sinter ESP (No. of Controllers: 13)									
ESP: Tri_Test_P-III (No. of Controllers: 4)									

Fig: ESP Controller Management

- There is a provision for **search** under each column in the above manage Controllers listing screen such that the user can search for a particular controller or group of controllers based on the controller Serial number, ID and Controller Name, The users can also **sort** the grid contents based on a particular column by clicking the appropriate column header.
- All the controllers mapped to an equipment will be grouped and listed under the ESP name. Users can click the “+” sign to view the controller list. Clicking on the “-” icon will collapse the list and display the ESP name and count of controllers mapped to the ESP. User can also sort the data based on the ESP name
- There is a provision for **exporting the contents** from the manage ESPs grid to **PDF**, XLS and RTF as required. To export, select the file format and click **Export** button at the top right corner.

The following are the purpose of the symbols used in the above Controller Management Listing Screen

 PENCIL: Used to edit the controller details

 CROSS: Used to delete the controller

 BINOCULARS: View controller details

Add a Controller – Click **Add Controller** button as highlighted in the above Controller Management screen.

Controller Information

ESP *

Passage *

Chamber / Section *

Controller ID *

Location

Controller Name *

Controller Sr.No *

Warranty Start Date *

Warranty end Date *

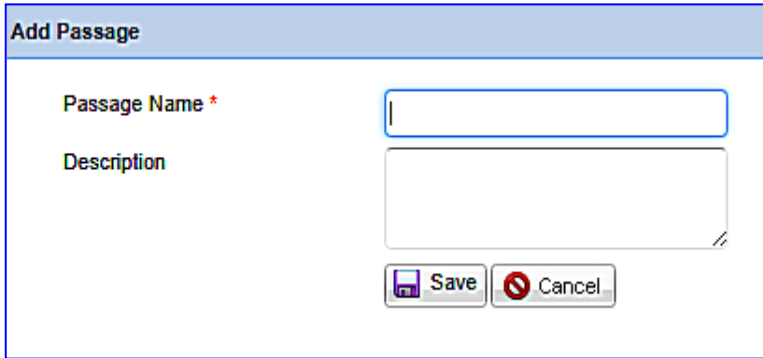
* Required Fields

Save Cancel

Fig: Add Controller

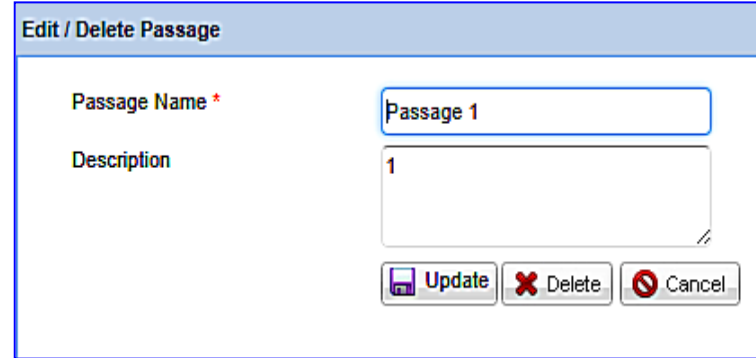
Following are the steps to add a controller

1. Select the ESP to which the controller has to be mapped from the ESP details drop down
2. Select the passage for the controller.
 - a. User can create new passage details by clicking on the add icon near the passage drop down. User has to enter the passage name and description and save the passage details. Clicking on cancel will return to the Add controller details page
 - b. User can edit the passage details by clicking on the edit icon that appears when an existing passage is selected
 - c. User can delete the passage details by clicking on the delete button that appears in the edit passage details panel



The 'Add Passage' form has a light blue header. It contains two input fields: 'Passage Name *' with a red asterisk and 'Description'. Below the fields are two buttons: 'Save' with a floppy disk icon and 'Cancel' with a red circle and slash icon.



Fig: Add Passage

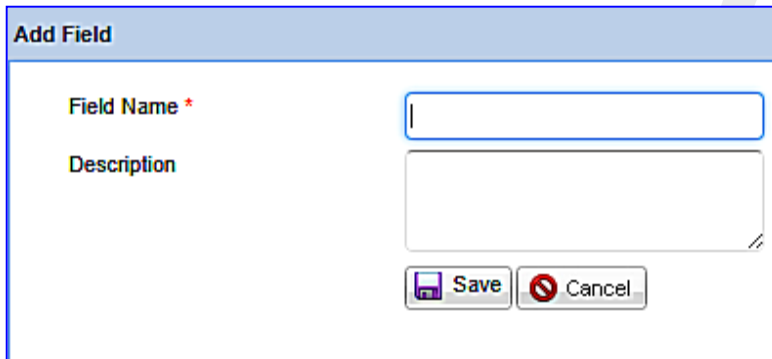


The 'Edit / Delete Passage' form has a light blue header. It contains two input fields: 'Passage Name *' with a red asterisk and 'Description'. The 'Passage Name' field contains the text 'Passage 1' and the 'Description' field contains the text '1'. Below the fields are three buttons: 'Update' with a floppy disk icon, 'Delete' with a red 'X' icon, and 'Cancel' with a red circle and slash icon.

Fig: Edit/Delete Passage

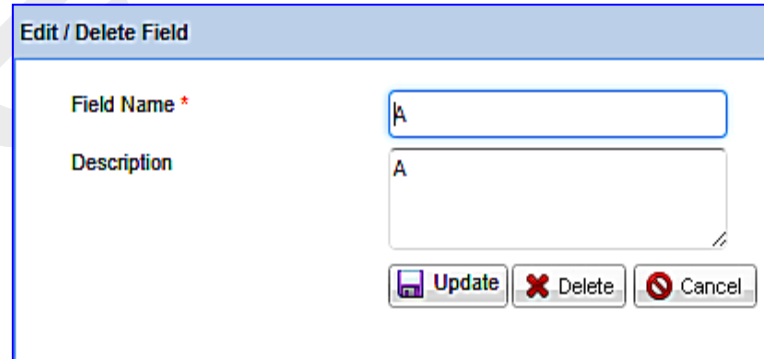
3. Select the chamber/ section for the controller

- User can create new chamber details by clicking on the add icon near the Chamber drop down. User has to enter the chamber name and description and save the chamber details. Clicking on cancel will return to the Add controller details page
- User can edit the chamber details by clicking on the edit icon that appears when an existing chamber is selected 
- User can delete the chamber details by clicking on the delete button that appears in the edit chamber details panel 



The 'Add Field' form has a light blue header. It contains two input fields: 'Field Name *' with a red asterisk and 'Description'. Below the fields are two buttons: 'Save' with a floppy disk icon and 'Cancel' with a red circle and slash icon.


Fig: Add Chamber



The 'Edit / Delete Field' form has a light blue header. It contains two input fields: 'Field Name *' with a red asterisk and 'Description'. The 'Field Name' field contains the text 'A' and the 'Description' field contains the text 'A'. Below the fields are three buttons: 'Update' with a floppy disk icon, 'Delete' with a red 'X' icon, and 'Cancel' with a red circle and slash icon.

Fig: Edit/Delete Chamber

- Select the controller ID of the controller
- Select the location of the controller in the ESP from the Location drop down
- Enter the Name of the Controller
- Enter the Controller Serial number
- Enter the start and end date of warranty for the controller
- Finally click the Save button to add the Controller details or click Cancel button to cancel the add operation.

Edit a Controller – Click the appropriate **Edit** () icon in the right side of the Controller Management Screen corresponding to the controller for which the details have to be updated. The Edit screen appears and change the controller details as required and click the **Save** button to reflect the changes.

Delete a controller – Click the appropriate **Delete** () icon in the right side of the Controller Management screen corresponding to the controller which has to be deleted.

View a controller - Click the appropriate View icon () in the right side of the Controller Management screen corresponding to the controller which has to be deleted

Limitations

1. Only the users having privileges can add, edit and view the Controller details.

5.4.2 ESP Layout

ESP Layout allows the user to view the layout of the selected ESP

Select **Configuration** → **ESP Layout** → **ESP Layout** as shown in the below screen

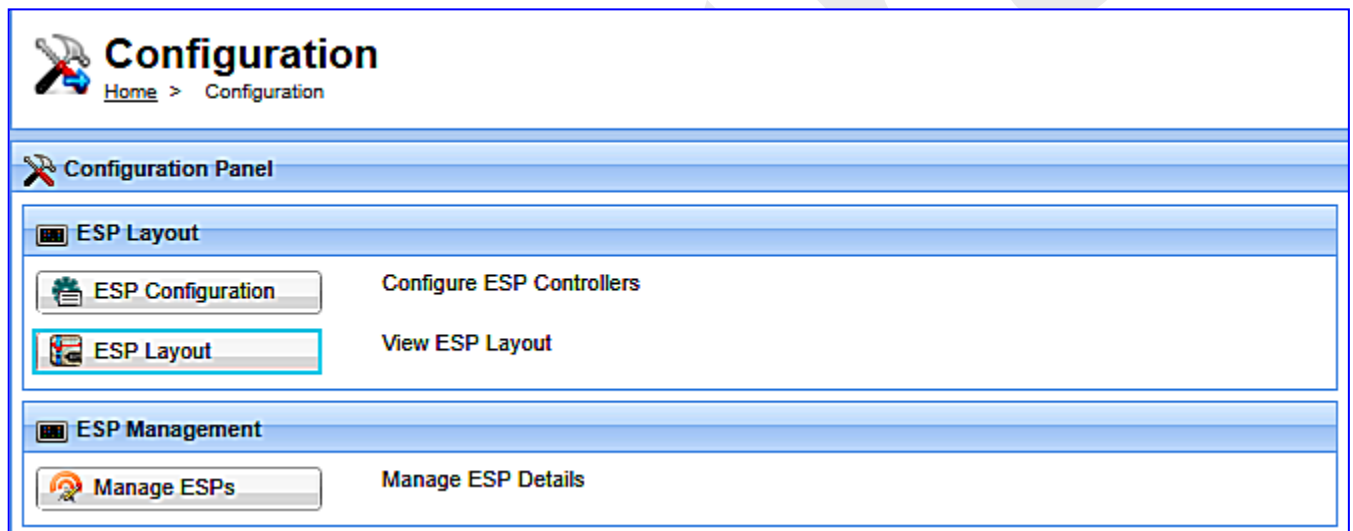


Fig: ESP Layout

ESP Layout screen will be displayed as shown below

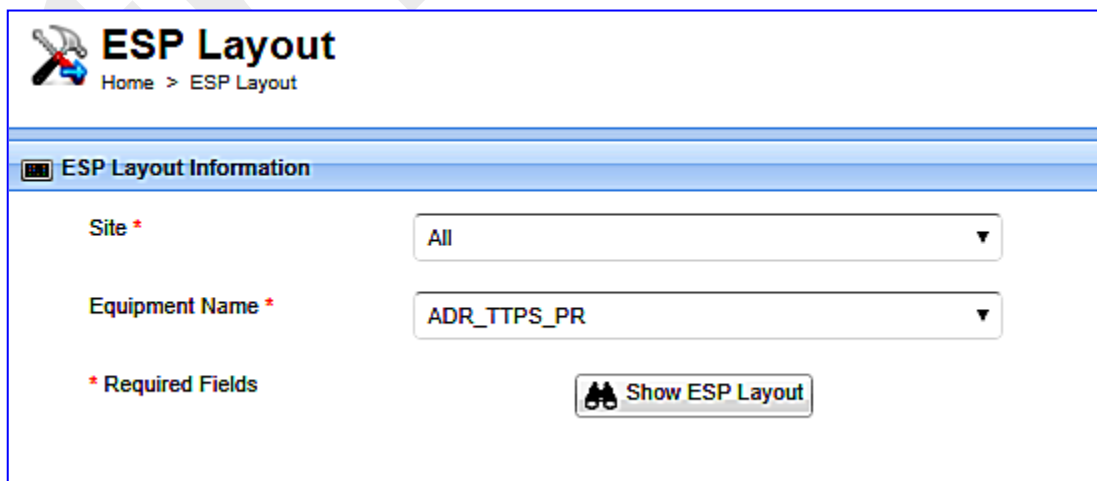


Fig: ESP Layout

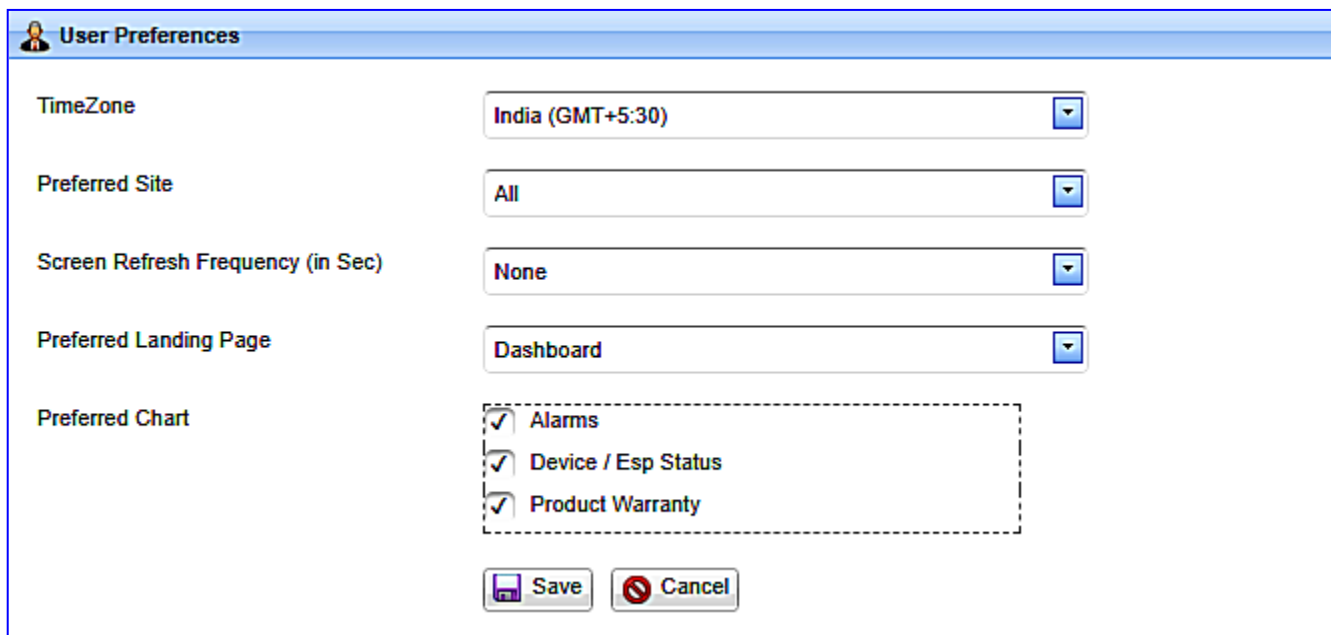
Select the desired site from the Site drop down. Equipment mapped to the selected site will be listed in the equipment drop down

Select the equipment from the equipment drop down and click on Show ESP Layout



6. Preferences

The Preferences screen is to manipulate the user preferences like time zone, choose a default site setting and change the current password.



User Preferences

TimeZone: India (GMT+5:30)

Preferred Site: All

Screen Refresh Frequency (in Sec): None

Preferred Landing Page: Dashboard

Preferred Chart:

- ☒ Alarms
- ☒ Device / Esp Status
- ☒ Product Warranty

Save Cancel

Fig: User Preferences

Time Zone

1. The user would be able to set their time zone. Based on the time zone selected, the time displayed in the data throughout the application, and the output of some of the commands, will vary.
2. Some of the places where the a change of time zone will be reflected, are:

Module	Effect
Dashboard	Based on the time zone selected, the chart data will be displayed.
Monitor	The no. of alarms scrolling above the map will differ.
History	The no. of entries displayed by the Update Results command will vary.
Alarms	The no. of entries displayed for the selected criteria, will vary.

3. The time zone of the user can be changed in two ways:
 - Using the Preferences page.
 - By editing the user's details, under Manage Users. This can be done either by a Security Admin of the organization or by a user with appropriate privileges.

Fig: Time Zone

Preferred Site

1. The user can choose the preferred site he / she wants to view the details. The selected preferred site will be displayed in the below mentioned modules every time the logs in.
2. Other sites will still be accessible to the user in all the modules. The user can select the required site from the drop-down, in the respective module pages, to access the ESPs of other Sites.
3. The selection of preferred site will be reflected in the following modules:

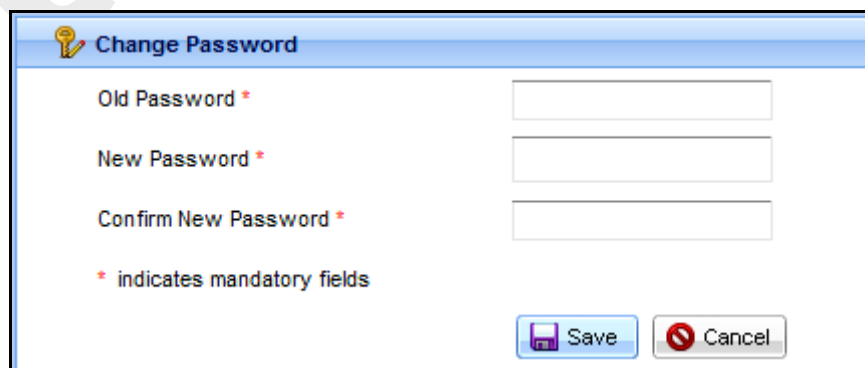
Module	Effect
Dashboard	The Site drop-down will be displaying the selected default site and the data displayed in the charts will be for the ESPs under the default site.
Monitor	ESPs under the selected preferred site will be displayed in the Monitor grid
History	Data will be displayed for the default site ESP(s) until the user chooses to view the other sites' history.
Alarms	Alerts related to the ESPs of the selected default site alone will be displayed in the Alerts grid. The user can change the sites in the drop-down to view the alerts of other ESPs.

Preferred Landing Page

1. Preferred Landing Page allows the user to set the required page to be displayed upon logging into the application.
2. The list of modules listed in the drop-down depends on the user group privileges available for the user.
3. By default, the first module available in the user's user group will be set as the landing page for the user.

Change Password

1. The user can change their password using the Change Password section.
2. The user will have to provide their current password to change their password.
3. If the provided current password is incorrect, the user will not be allowed to change his / her password.
4. Once the password has been changed, the previous password will not be considered for logging into the application.



Change Password

Old Password *

New Password *

Confirm New Password *

* indicates mandatory fields

Save Cancel

Fig: Change Password

Common Error Page

1. Common Error Page will be encountered by the user in case there has been a break in the flow of application.

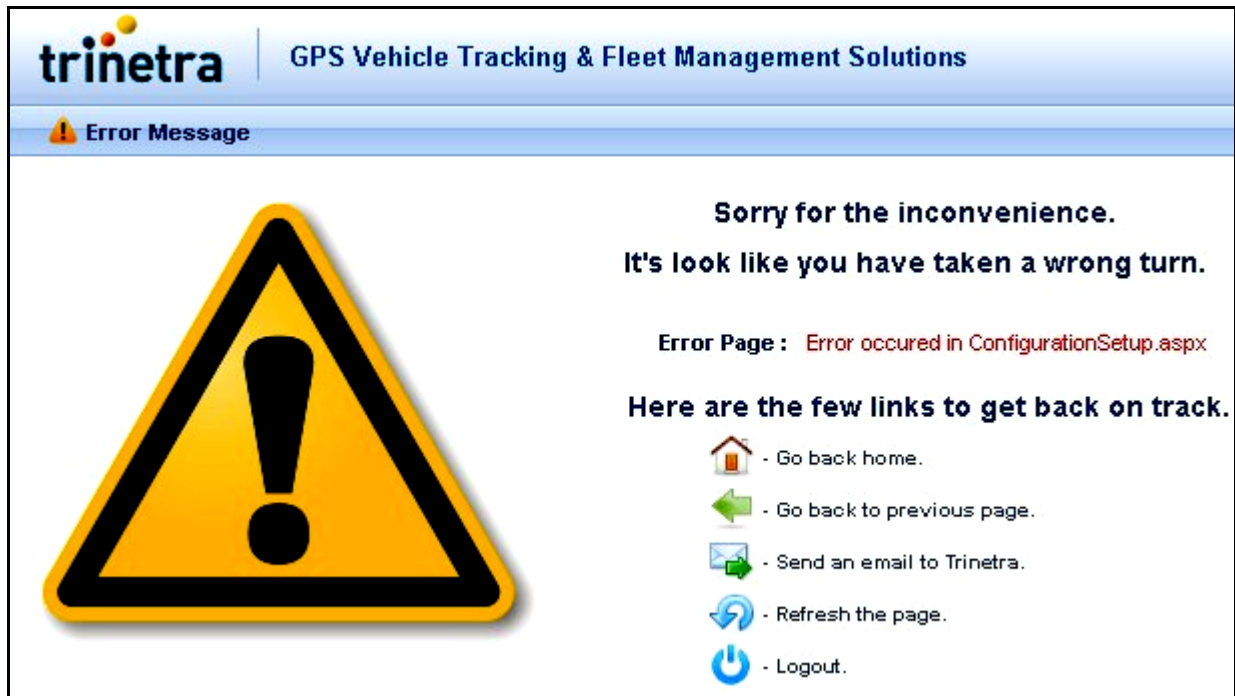


Fig: Common Error Page

2. The following are the operations in the error page, that are available to the user:



- Go back to the Home page of the application. The user will be taken to the default home page, usually the Dashboard.



- Go back to the previous page in the application. The user will be taken to the application's previous page that was working fine.



- Mail the error to the Trinetra team. This will trigger a mail to the Trinetra team with the encountered error details.



- Refresh the current page. Sometimes, the error might have occurred due a minor glitch. A simple refresh of the page will return the application right on track.



- Log out of the application. Sometimes, just logging out and logging back into the application will clear the error from the application.