

MySTAR GeoAlert Software System Manual

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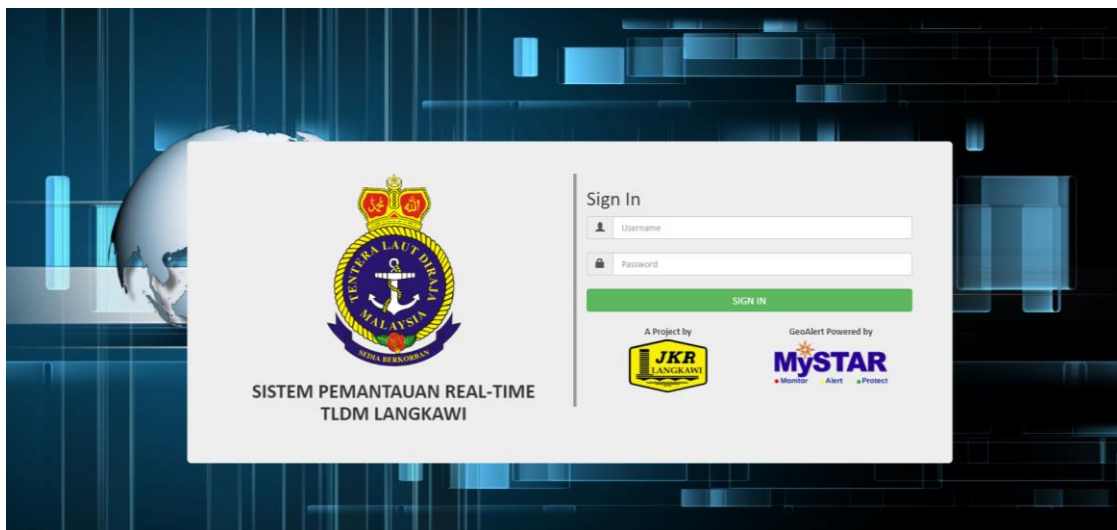
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Logging into the System

1. Using a browser (eg. Google Chrome, Mozilla Firefox, Internet Explorer), go to <https://tldmlangkawi.geo-alert.com>.
2. Enter the username and password provided to you by MySTAR.



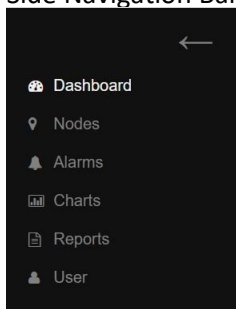
3. Upon successful login, you will gain access to the dashboard page of this system. Should you have issues with logging into the system, contact MySTAR Support (contact details provided in the MySTAR Support section).

Dashboard

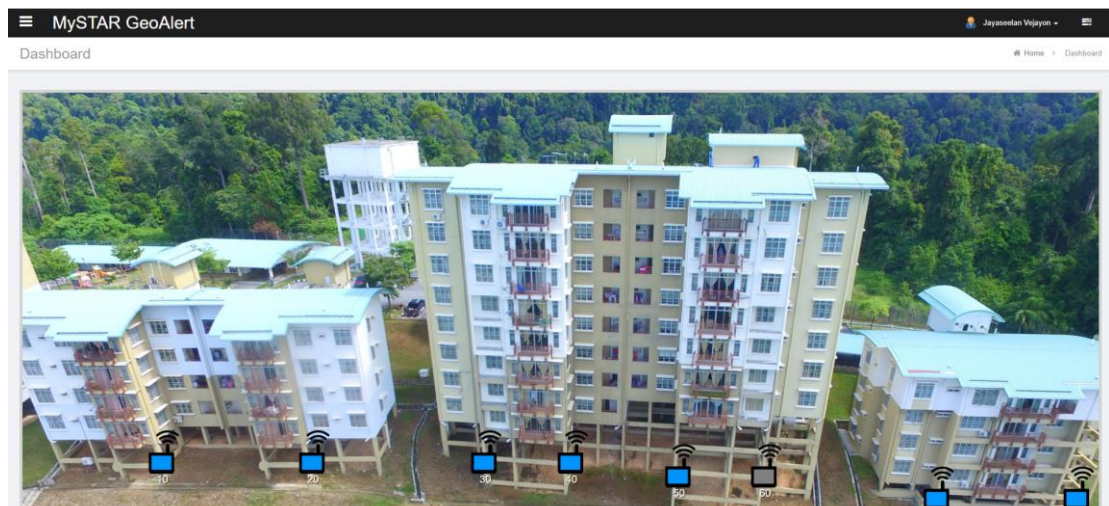
1. This page has four sections.
2. The FIRST section is the top bar where navigation menu, user name and alarm indicators are available.



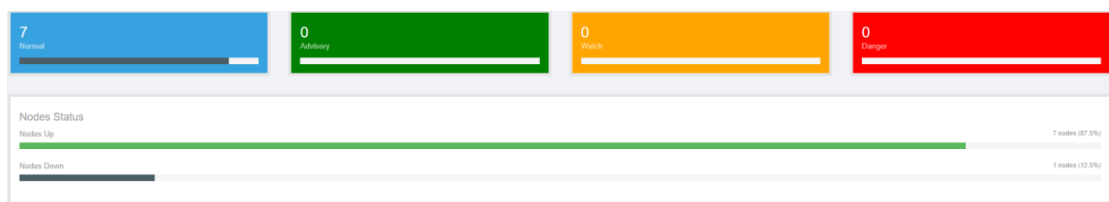
Side Navigation Bar



3. The SECOND section are the visual depictions of the sensor nodes at the locations they are fitted.



4. The boxes indicate the locations of the sensors. The pins are color-coded to represent the alarms. The codes and their respective alarm levels are:
 - Blue: Normal Alarm Level
 - Green: Advisory Alarm Level
 - Orange: Watch Alarm Level
 - Red: Danger Alarm Level
5. When you mouse over on a pin, you will see the Node ID, latest active time, axis A movement (mm/m) and axis B movement (mm/m). This provides an overview detail of a sensor node and its movement data at the location.
6. By clicking on a box, the charts page for the node will open. These charts represent data on axis A angle variations, axis B angle variations, total movements (in mm/m) and alarm statistics of the node in the selected time period. The charts can be viewed in three different periods ie Day, Week and Month.
7. The THIRD section provides quicks statistics on the number of sensors according to their alarm levels and their active status (nodes up or down).



8. The FOURTH section provides the latest information of all the nodes ie Node ID, Location, Status (Up or Down), Last Data Time and the Alarm.



Summary Details of Nodes

Node ID	Location	Status	Last Data Time	Alarm
10	Residence	Up	2020-03-01 20:00:00	Normal
20	Residence	Up	2020-03-01 20:00:00	Normal
30	Residence	Up	2020-03-01 20:00:00	Normal
40	Residence	Up	2020-03-01 20:00:00	Normal
50	Residence	Up	2020-03-01 20:00:00	Normal
60	Residence	Down	2018-02-03 10:00:00	Normal
70	Residence	Up	2020-03-01 20:00:00	Normal
80	Residence	Up	2020-03-01 20:00:00	Normal

9. Clicking on a Node ID will take you to the charts page of the node.

Nodes

1. You can navigate to this page by clicking on the 'Nodes' link on the Side Navigation Bar.

	<p>Node 21</p> <p>Location: Residence Axis A movement (mm/m): 0.6 Axis B movement (mm/m): -0.05 Total movement (mm/m): 0.6 Device Temperature (Celcius): 24.8 Node Status: Up Latest Alarm: Normal [View Charts]</p>	<p>Data Last Received 2018-03-27 23:00:00</p>
	<p>Node 22</p> <p>Location: Residence Axis A movement (mm/m): 0.87 Axis B movement (mm/m): 0.76 Total movement (mm/m): 1.16 Device Temperature (Celcius): 24.6 Node Status: Up Latest Alarm: Normal [View Charts]</p>	<p>Data Last Received 2018-03-27 23:00:00</p>

2. The Nodes page provides details of each node as follows:

- a. Node name
- b. Data last received
- c. Location
- d. Axis A movement (mm/m)
- e. Axis B movement (mm/m)
- f. Total movement (mm/m)
- g. Device temperature (Degree Celcius)
- h. Node status
- i. Alarm
- j. Link to node charts page

Alarms

1. You can navigate to this page by clicking on the 'Alarms' link on the Side Navigation Bar or by clicking on the Alarm indicator on the top bar.

Node 22
Location: Residence
Axis A Movement (Degree): 8.35
Axis B Movement (Degree): -0.04
Total Movement (mm/m): 146.86
Node Status: Down
Latest Alarm: Danger
Acknowledged By:
Acknowledgement Date/Time: 0000-00-00 00:00:00
[\[View Charts \]](#)

Data Last Received
2018-02-07 11:00:00

Acknowledge

2. This page provides details of alarms at Advisory, Watch and Danger levels. This page lists all the alarms since the implementation of the sensor system.
3. A user is required to acknowledge the alarm by clicking on the Acknowledge button. Acknowledge button are color-coded based on the node's alarm level.
4. The system records details such as the user name and the acknowledgement data/time when the Acknowledge button is clicked.

Charts

1. You can navigate to this page by clicking on the 'Charts' link on the Side Navigation Bar.



The screenshot shows a web interface for selecting data for charts. It features two main sections: 'Bridge' and 'Residence'. Under 'Bridge', there is a 'Select All' checkbox and two individual checkboxes for 'Node 10' and 'Node 11'. Under 'Residence', there is a 'Select All' checkbox and a long list of checkboxes for nodes 20 through 83. Below these sections is a 'Reading Period' dropdown menu currently set to '1 Day'. At the bottom left of the form is a 'Submit' button.

2. The page displays customized charts based on the nodes and the reading period selected.
3. The charts represent data for total movements (mm/m), axis A angle variations and axis B angle variations.

Reports

1. You can navigate to this page by clicking on the 'Reports' link on the Side Navigation Bar.



The screenshot shows a web form for generating reports. It contains the following fields and controls:

- Node:** A dropdown menu with "Node 10" selected.
- Alarm:** A dropdown menu with "Normal" selected.
- From Date:** A text input field containing "21/03/2018".
- To Date:** A text input field containing "28/03/2018".
- Submit:** A button located at the bottom left of the form.

2. The page allows you to create customized reports based on the selection criteria you key-in ie. Node, Alarm and the From and To dates.
3. You may then use the print function to either print the report or save a PDF copy of the report.

User

1. You can navigate to this page by clicking on the 'User' link on the Side Navigation Bar or by clicking on the User icon -> User Profile sub-menu on the top bar.

The screenshot displays a user profile interface for a user named 'admin'. On the left, a sidebar lists profile details: Username (Admin), Full Name (admin), Email (admin@admin), and Mobile No. The main content area is titled 'Edit Profile' and contains an 'Account Setting' section. This section includes input fields for Username (pre-filled with 'Admin'), Password (pre-filled with 'password'), and Confirm Password (pre-filled with 'password'). A blue 'Save' button is located at the bottom of the form.

Profile: admin	
Username	Admin
Full Name	admin
Email	admin@admin
Mobile No	

Edit Profile

Account Setting

Username

Admin

Password

password

Confirm Password

password

Save

2. The page provides current user details. The Edit Profile section allows for the user to change his password.

MySTAR Contact and Support Details

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