# MySTAR GeoAlert Software System Manual

Quick Access

## Logging into the System

1. Using a browser (eg. Google Chrome, Mozilla Firefox, Internet Explorer), go to https://tldmlangkawi.geo-alert.com.

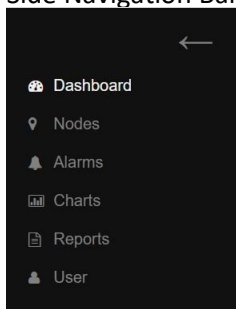2. Enter the username and password provided to you by MySTAR.
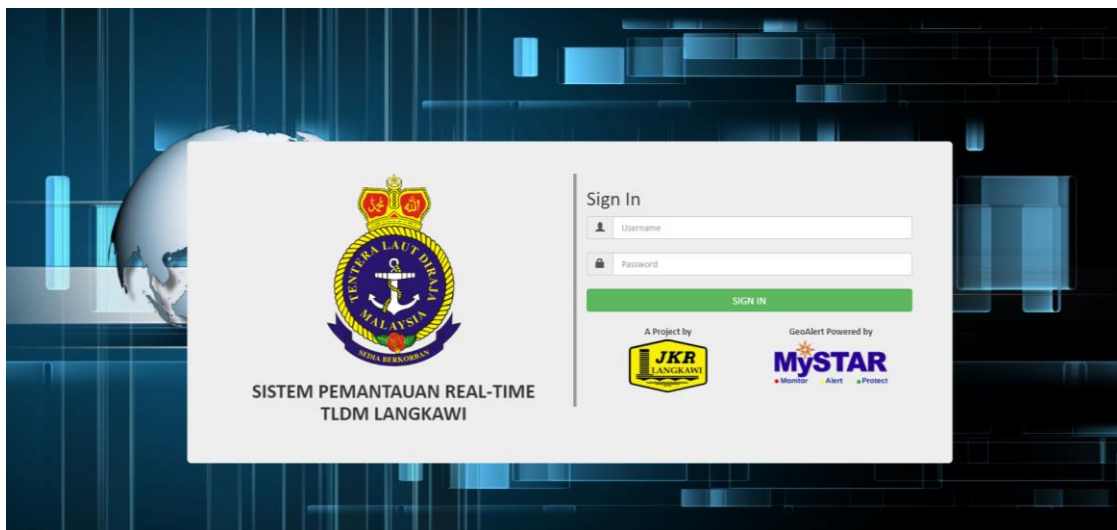


3. Upon successful login, you will gain access to the dashboard page of this system. Should you have issues with logging into the system, contact MySTAR Support (contact details provided in the MySTAR Support section).

## 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.

Opens Side Navigation Bar

Link to User Page

Alarm indicator. Link to Alarm Page.

≡ MySTAR GeoAlert     admin ▾

Dashboard     ⊞ Home › Dashboard

### Side Navigation Bar

⟵

🚗 Dashboard

📍 Nodes

🔔 Alarms

📊 Charts

📄 Reports

👤 User

3. The SECOND section are the visual depictions of the sensor nodes at the locations they are fitted.
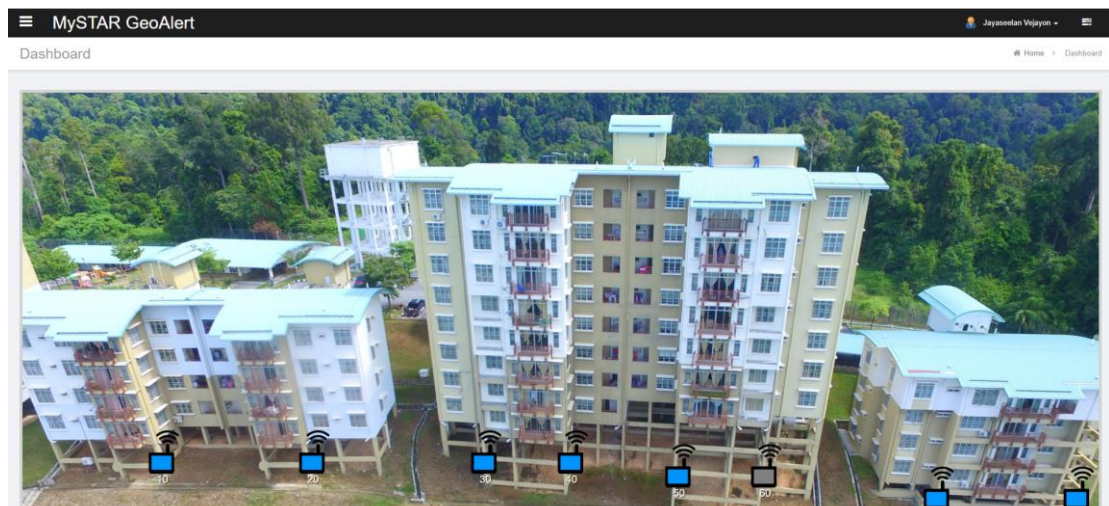
4. The boxes indicate the locations of the sensors. The pins are color-coded to represent the alarms. The codes and their respective alarm levels are:

   - 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).
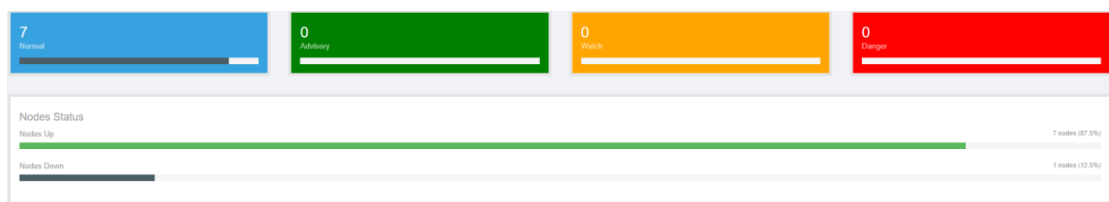


8. The FOURTH section provides the latest information of all the nodes ie Node ID, Location, Status (Up or Down), Last Data Time and the Alarm.

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.



Node 21

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 ]

Data Last Received
2018-03-27 23:00:00



Node 22

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 ]

Data Last Received
2018-03-27 23:00:00

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.

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

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 ]

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.



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.

| Node | |
|------|---|
| Node 10 | ▾ |

Alarm
| Normal | ▾ |

From Date
| 21/03/2018 |

To Date
| 28/03/2018 |

[ Submit ]

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.



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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