



Application Note

Rev 01

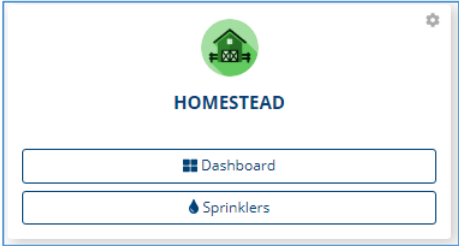
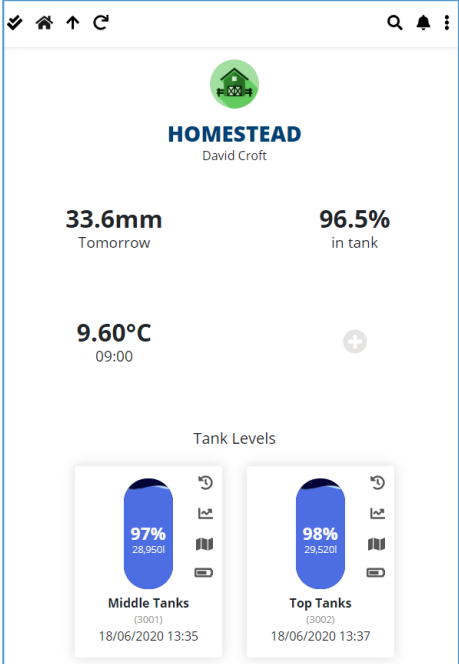
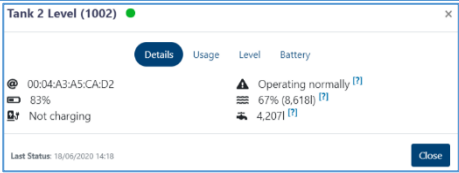
AN51 - Using the Tank Level Monitor in IMS

Introduction

This document covers **viewing your tank level data, creating alert notifications and configuring your IMS dashboard.**

Viewing Tank Level Data in IMS


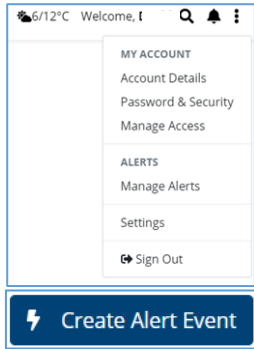
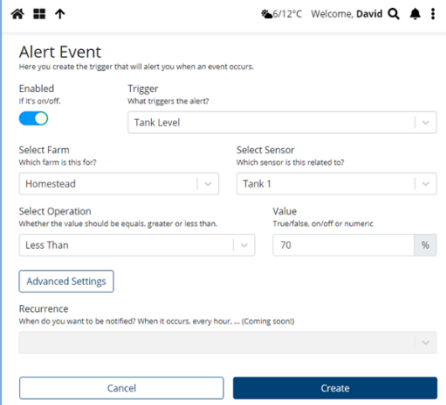

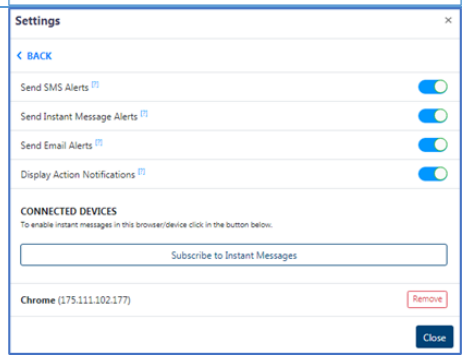

If you have not already, you must first sign into your IMS account from <https://www.waterinsight.co.nz/>.

Step	Process	Note
1.	- Select the dashboard button on the farm card to display the tank level status.	
2.	- The display will show Headline values at the top of the screen followed by individual sensor details. - The screen can be customised to show all the sensors on the farm in a desired order	
3.	- Clicking on the picture of the tank will display its information card Details - MAC address - Battery % (TLM only) - Solar Charging / Not Charging (TLM only) - Operating state - Current water level (corresponding volume) - Water usage – Last 24hr usage	

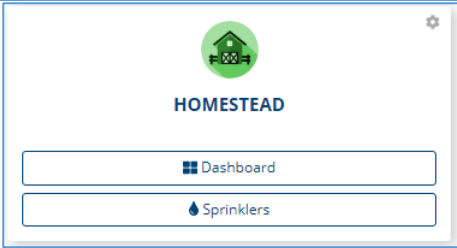

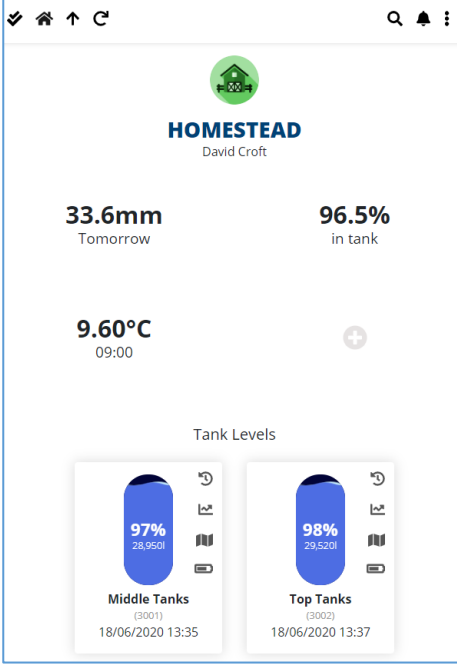
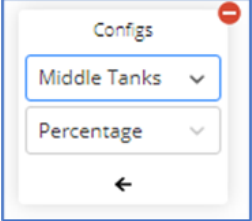

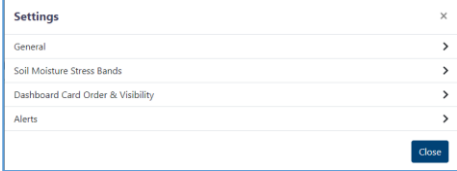

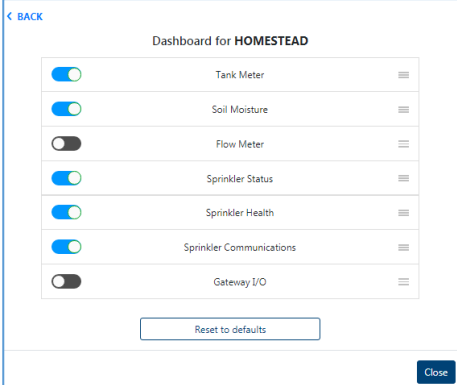
Step	Process	Note
4.	<p>Usage</p> <ul style="list-style-type: none"> - The data can be filtered to show the last day, week, month or year using the filter icon - Day– Hourly usage displayed - Week & Month – Daily usage displayed - Year – Monthly usage displayed 	
5.	<p>Level</p> <ul style="list-style-type: none"> - Displays a history of all the water level data and any trends. - The data can be filtered to show the last day, week, month or year using the filter icon 	
6.	<p>Battery</p> <ul style="list-style-type: none"> - Displays a history of all the water level data and any trends. - The data can be filtered to show the last day, week, month or year using the filter icon 	

Creating an Alert Notification

You can receive alert messages on your phone or PC to notify you of a change of state in a tank level. For example, you can be notified if the tank becomes too empty.

Step	Process	Note
1.	<p>First define what the alert event is for.</p> <ul style="list-style-type: none"> - click the more icon  in the top right corner of the screen then choose Manage Alerts. - Click the Create Alert Event button 	
2.	<ul style="list-style-type: none"> - Click the enable slider control to activate the alert <p>Configure the Alert Event as desired (for example)</p> <ul style="list-style-type: none"> - Trigger for the event is Tank Level - The farm the event is for is Homestead - The particular Sensor the event relates to is Tank 1 - Evaluation condition is Less Than - Value compared to is 70% - Select Create 	
3.	<p>Now choose how the alert notification is sent</p> <ul style="list-style-type: none"> - click the more icon  in the top right corner of the screen, choose Settings, then Alerts - Turn on the slider control for each type of notification type you want 	
4.	<p>Your account profile must have your e-mail address and mobile phone number configured for these alert types to operate.</p> <ul style="list-style-type: none"> - click the more icon  in the top right corner of the screen then select Account Details 	

Configuring the IMS Dashboard

Step	Process	Note
1.	<ul style="list-style-type: none"> Select the dashboard button on the farm card to display the tank level status. 	
2.	<p>Headline values are simply very short summary information that is always shown first for an at-a-glance view of critical farm data.</p> <ul style="list-style-type: none"> To add a Headline, <u>double-click</u> the add icon  to show a list of available headlines that you can use. <p>Up to four Headlines can be shown but they must each be a different kind (soil, water level, flow etc.)</p>	
3.	<ul style="list-style-type: none"> You can further customise the Headline (for example if you have multiple water tanks) by double-clicking the Headline then select which sensor you desire and sometimes you can change the units of measure as well. Click the back arrow to complete the process. 	
4.	<p>The order in which items are displayed can be changed as well.</p> <ul style="list-style-type: none"> Click the more icon  in the top right corner of the screen then choose Settings. Click Dashboard Card Order and Visibility 	
5.	<ul style="list-style-type: none"> Use the slider controls to turn on or off the display of sensors on the farm Drag the list order icon  to move items up and down in the list which will control the order in which you see them on the screen. Click the close button to return to the dashboard 	

For more information email support@waterinsight.co.nz