



User Guide










BarnReport Pro is supplied by:

Farmex
Unit 4
Wyvols Court Farm
Basingstoke Road
Swallowfield
Reading
RG7 1WY

0118 988 9093
info@farmex.com
www.farmex.co.uk

Table of Contents

BarnReport Pro	4
How to login	4
User Access Levels	5
Navigating BarnReport Pro	6
My Account	7
View Companies	8
View Companies Dashboard	8
Administrate	9
Administrate Dashboard	9
Edit Site	10
User Admin	11
Adding a new user	14
View Logs	15
 CriticalAlarm	16
CriticalAlarm Dashboard	16
View Alarms	17
Alarm Configuration	18
Suspend & Clear Alarms	24
Test Alarms	25
 SiteMap	26
SiteMap Dashboard	26
SiteMap Icons	27
 ActiveCharts	30
ActiveCharts Dashboard	30
Zone Statistics	31
Manual Entries	32
 TrackGrowth	33
Pig Weights	33
View/Manage Batches	34

 BetterScore	36
BetterScore Dashboard	36
BetterScore Chart.....	37
BetterScore Notifications.....	38
 Remote Settings	39
Accessing Remote Settings	39
Changing Room Settings	40
Changing Manual Overrides.....	40
Changing Curves.....	41
Change Log	42
 Inventory Reporting	43
Site Inventory Reporting Dashboard	43
Statistics Table view	44
Map View	45

BarnReport Pro

How to login

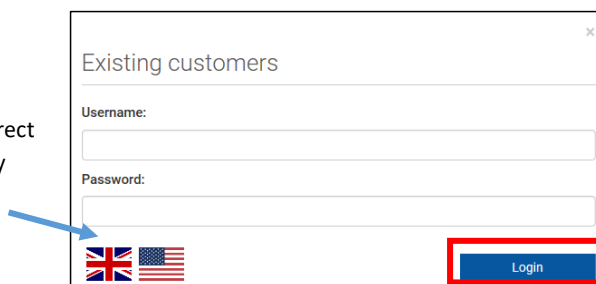
BarnReport Pro is a web based programme which can be accessed from any device with an internet connection. Each user has their account, with no limit to how many users a company or site can have. Follow the instructions below to login:

1. Go to the website address <http://www.barnreportpro.co.uk>
2. On the left hand side of the BarnReport Pro page click on **login**



3. From the pop-up window, complete your username and password and click on **login**.

Make sure you are logging in to the correct version of the site by clicking on the appropriate flag.

A screenshot of a login pop-up window titled 'Existing customers'. It contains two input fields: 'Username:' and 'Password:'. Below these fields are two flags: the United Kingdom flag and the United States flag. A blue arrow points from the text 'appropriate flag' to the United Kingdom flag. At the bottom right of the pop-up is a blue button labeled 'Login', which is highlighted with a red rectangular box.

4. If your login details do not work, or you can't remember them, call Farmex Data Services on 0118 988 9093

User Access Levels

BarnReport Pro is a web based programme, meaning that your data can be seen and shared with anyone in your company or external parties such as vets and nutritionists. However, to ensure that your site remains secure, users can be set to different permission levels to restrict access to certain features. The following levels of access are available:

1. **Company Administrator:** Can control all settings of the company and/or individual sites
2. **Site Administrator** - Can control all settings of any sites they are assigned to but cannot alter company default settings
3. **Manager:** Has read access for all relevant sites as well as the ability to make changes to CriticalAlarm components. Can manually enter data (batches and pig numbers)
4. **User:** Read only access, cannot make any administrative changes to the company and/or individual site

User level access can be assigned by either Farmex Data Services or by a Company Administrator. See [page 11](#) for instructions on how to change user level access.

Commented [SD1]: Once all changes have been made, each page link will need checking as some of these numbers have changed.

Tip – Do you think you should have a different level of access? Contact Farmex Data Services on 0118 988 9093 or your Company Administrator.

Navigating BarnReport Pro

Use the tabs at the top or left-hand side of the screen to navigate BarnReport Pro components

The screenshot shows the BarnReport Pro dashboard. On the left is a dark blue sidebar with a list of navigation options. At the top of the main content area are several tabs: CriticalAlarm, ActiveCharts, SiteMap, BetterScore, TrackGrowth, and MoreOptions. The main content area is divided into several sections: Active Alarms Summary, Critical Alarm, Test Alarms, and Dialer Activations. The Active Alarms Summary section shows four categories: HIGH, MED, LOW, and SUSPEND, each with a large '0' and 'No alarms.' text. The Critical Alarm section shows a table of the last four days with critical alarms. The Test Alarms section has a warning message. The Dialer Activations section shows a table of the last four days with dialer activations. At the bottom of the Active Alarms Summary section are three buttons: View, Edit, and Suspend.

Administratre Users - make changes to user profiles for your site. *Only available for Company Administrators*

View logs – view logs of users who have viewed your site. *Only available for Company Administrators*

View your sites – redirects you to the home page (single site) or list of sites (multi-site)

View Companies – Make amendments to company default alarm settings, view user access and other site administration. *Only available for Company Administrators*

My Account – Change your username password and email address here

Tip: Users with **multiple sites** will initially see a list of all available sites on login. Clicking on the site name will redirect you to the individual site view shown above.

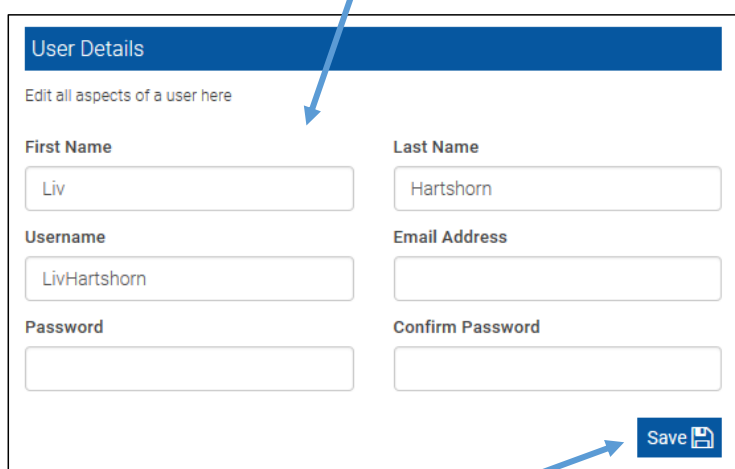
Commented [SD2]: Can we add a page in the admin bit for 'View Logs' with a screenshot of the dashboard and an explanation of which logs are available

Can you also add something for 'My account' both on this dashboard and in the document to say what can be changed there.

My Account

The 'My Account' page lets you change your logon information.

Simply type into the relevant box of whatever you want to change



The form is titled 'User Details' in a blue header bar. Below the header, it says 'Edit all aspects of a user here'. The form contains six input fields arranged in two columns. The left column has 'First Name' (containing 'Liv'), 'Username' (containing 'LivHartshorn'), and 'Password' (empty). The right column has 'Last Name' (containing 'Hartshorn'), 'Email Address' (empty), and 'Confirm Password' (empty). At the bottom right of the form is a blue 'Save' button with a floppy disk icon. A blue arrow points from the text 'Simply type into the relevant box of whatever you want to change' to the 'First Name' input field. Another blue arrow points from the text 'Ensure you press **Save** after altering your information' to the 'Save' button.

User Details	
Edit all aspects of a user here	
First Name <input type="text" value="Liv"/>	Last Name <input type="text" value="Hartshorn"/>
Username <input type="text" value="LivHartshorn"/>	Email Address <input type="text"/>
Password <input type="password"/>	Confirm Password <input type="password"/>
Save	

Ensure you press **Save** after altering your information



View Companies

The 'View Companies' page is only available to users with 'Company Administrator' access. From this page you can make amendments to company default alarm settings, view user access and other general site administration. Any changes made to company defaults will apply to all sites within the company.

View Companies Dashboard

Clicking on the **Company** will give you the option of editing the company name

Sites - View the list of sites associated with the company & the number of active alarms

View **Alarm Settings** here and make changes to Cycle and Priority Settings

Use **Call times** to set company defaults for the time period

Company	Sites	Users	Alarms	Call times
Bottom Line Solutions				
Burroughs Farms				

Users - View the list of users associated with the company and their level of access. See [page 14](#) for more details on how to add users

Alarms Overview details the site and the status of each alarm for that site, whether it is off and what priority if the alarm is turned on

Export Alarms – exports the Alarms Overview table into an excel document

Commented [SD3]: Can you add explanations for the alarms overview and export alarms icons



Administrate

The 'Administrate Users' page is only available to users with 'Company Administrator' access. The Administrate page allows you to view sites, alarms and users associated with your company. Through this dashboard you can add, remove and make changes to users.

Administrate Dashboard

Sites – Edit site details by selecting the relevant site from either the company or site name drop down list. See more details on [page 10](#)

Users – Search for users by company, site or name. User accounts can then be edited or deleted, see [page 11](#) for more details

Administrate

Sites

Sites by company :
Sites by name :
Chetwynd Grange
Go

Alarms

Alarms by Site :
Chetwynd Grange
Go

Users

Users by Company :
User by Site :
Users by Name :
Go

Unassigned users :
Admin, GuardianAction
Go

Inactive Users :
Blackbarn, Charlie
Go

Add User +

Alarms – edit CriticalAlarm settings by selecting a site from the drop down menu. For more details on how to edit CriticalAlarm see [page 18](#)

Add User – Add additional users to your company and sites. See [page 14](#) for further details

Edit Site

The majority of details will be completed by Farmex when a new site is setup. However Company Administrators can amend or add any additional details as necessary. Not all details are required so can be left blank if preferred.

1. Site Details

To edit site details simply select from the drop down box or type in the text and click apply changes.

Name: *Site name*

Company: *Company name*

Timezone: *GMT*

Country: *Country site is located in (UK or USA)*

Stage of Production: *Breeding, Nursery, Finish, Wean Finish, Other*

Spaces: *No of pigs*

Manager Rank:

Latitude: *Site coordinate*

Longitude: *Site coordinate*

Site Details	
Name :	<input type="text" value="Farmex"/>
Company :	<input type="text" value="Farmex"/>
Timezone :	<input type="text" value="(GMT) Greenwich Mean Time"/>
Country :	<input type="text" value="United Kingdom"/>
Stage of Production :	<input type="text"/>
Spaces :	<input type="text"/>
Manager Rank :	<input type="text" value="B"/>
Latitude :	<input type="text"/>
Longitude :	<input type="text"/>
<input type="button" value="X Deactivate"/> <input type="button" value="✓ Apply Changes"/>	

2. Site Users

All users which are linked to the site will appear in this list. If you want to remove or add a user from the list; unselect/select in the box and click apply changes.

Site Users	
<input type="button" value="✓ Apply Changes"/>	
Name	
Douglas, Sadie	<input checked="" type="checkbox"/>
Hothan, Randy	<input checked="" type="checkbox"/>
Ribenfors, Johan	<input checked="" type="checkbox"/>
Wilson Wynn, Ollie	<input checked="" type="checkbox"/>
admin, Dicam	<input type="checkbox"/>

3. Edit Zone Information

Zone names are used for ActiveCharts and TrackGrowth when room/pen level data is needed. To amend or add information, simply click in the box and type the information.

Edit Zone Names							
Name	New Name	Pig Place	New Pig Place	Stage of production	Building Manufacturer		AC View?
frmX	<input type="text" value="New"/>		<input type="text" value="New pig place no."/>	- <input type="button" value="v"/>	- <input type="button" value="v"/>	<input type="text"/>	<input type="button" value="v"/>
W1	<input type="text" value="New"/>		<input type="text" value="New pig place no."/>	- <input type="button" value="v"/>	- <input type="button" value="v"/>	<input type="text"/>	<input type="button" value="v"/>
W2	<input type="text" value="New"/>		<input type="text" value="New pig place no."/>	- <input type="button" value="v"/>	- <input type="button" value="v"/>	<input type="text"/>	<input type="button" value="v"/>
W3	<input type="text" value="New"/>		<input type="text" value="New pig place no."/>	- <input type="button" value="v"/>	- <input type="button" value="v"/>	<input type="text"/>	<input type="button" value="v"/>
							<input type="button" value="✓ Apply Changes"/>

User Admin

Users can be added, edited or delete by either Data Services or the Company Administrator. Not all details are required so can be left blank if preferred. If a required field is not completed this will be flagged in red below the text box.

1. Edit User details

User Details	
Edit all aspects of a user here	
First Name <input type="text" value="Ollie"/>	Last Name <input type="text" value="Wilson Wynn"/>
Username <input type="text" value="OllieWilson"/>	Email Address <input type="text" value="ollie@farmex.com"/>
Timezone (GMT) Greenwich Mean Time <input type="button" value="v"/>	Password <input type="text"/>
Confirm Password <input type="text"/>	Access <input type="button" value="v"/> Users
<input type="button" value="Deactivate"/> <input type="button" value="View"/> <input type="button" value="Save"/>	

- **First name, Last name and Time zone** are all mandatory details and any edits cannot be saved unless these are complete.

- If the user is not expected to be logging into BarnReport Pro, but is being added so they can be alerted by CriticalAlarm, then **Username** and **Password** are not required.
- Users can be set to different levels of access, these can be amended via the **Access** drop down menu. See [page 5](#) for definitions.

2. Edit Contact Methods

Contact Methods

Landlines and cellphones can receive phone alarms. Only cellphones can receive text alerts.

Alert Type	Contact Details	Contact Type	Order	Delete
0044 9123 999 888	Alert	Mobile		<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Save

If the user needs to be contacted by CriticalAlarm then contact details must be entered. You can enter three contact types (landline, mobile or e-mail) and specify which order you would like to be contacted.

- **Alert type** - contact details such as mobile phone, landline or e-mail. Phone numbers need to be entered in the correct format with an international prefix of 0044
- **Contact Details** – Alert or Notify. Alert is a phone call, notify is a text message or e-mail
- **Contact Type** - Landline, mobile or e-mail. Select what details you have entered
- **Order** – Specify in what order you would like each contact type to be alerted/notified. Number 1 will be contacted 1st and number 4 last.
- **Delete** – Selecting this option will remove the alert so a new one can be added

3. Edit On-call time

On-call Times			
Priority	From	To	Enabled
High	7:00 AM	10:00 PM	<input checked="" type="checkbox"/>
Medium	7:00 AM	9:00 PM	<input checked="" type="checkbox"/>
Low	7:00 AM	9:00 PM	<input checked="" type="checkbox"/>

Save

Specify the time the user will be notified by CriticalAlarm for high, medium and low priority alarms. Select the time period desired, select enabled and click save. **If you do not click enabled, then the user will not be contacted.**

4. Assign a user to a Company or site

Once a user has been created, they need to be assigned to a company and a site so they can have access to the relevant information. Only Companies and Sites which the Company Administrator has permission to will be visible in this section.

- To add access to a company; scroll down to find the company and click **Add Company**.
- Once you have added the company, you can then click on the sites within the company and click **save**

Dicam

Add company +

Farmex

Remove company

Site	Level	Remove user
	Save	Reset
		Delete

Available sites

-- Add All --

- Alton A1
- Arrowhead
- Bourne
- Bridgehouse
- British Pig and Poultry Fair
- Coldstone
- Coldston
- Dryfieldme
- Dunkenhill
- Enthorpe
- Evans And Pearce
- Farmex
- Growth Sensor

Add Sites +

5. Remove a user from a Company or site

The screenshot shows a web interface titled 'Companies and Sites'. It contains two main sections, 'Allen' and 'Bacton Pigs'. Each section has a 'Remove company' button, a 'Site' dropdown menu, a 'Level' dropdown menu, and a 'Remove user' checkbox. Below these are 'Save', 'Reset', and 'Delete' buttons.

- To remove a user's access to a Company simply scroll down to find the company and click **Remove Company**
- To remove a user's access to a site simply scroll down to find the site and click Remove Company

Adding a new user

The screenshot shows a 'User Details' form. It includes fields for First Name, Last Name, Username, Email Address, Password, Confirm Password, Access, and Access Key. There are also error messages for blank first/last names and non-unique usernames.

To add a new user, navigate to the **Administrate Dashboard** and click on **Add User** in the bottom left hand corner. Complete the relevant fields in the **User Details** screen shown above. First name, last name, time zone and password are mandatory fields. If no level of access is selected then the default level of 'user' will be given.

Once this has been completed you will be redirected to the **User Admin Screen** to complete the rest of the relevant details. Please see [page 11](#) for further instructions how to complete this page.

View Logs

Logs are automatically created in BarnReport Pro that can be view by selecting '**View Logs**' on the left hand tab menu.

Generator Logs displays a table of detailed statistic including **start** and **duration**

Site Access logs details any user that has had access to your site and when

Offline Sites
Go to a page that contains detailed statistics of offline sites.
[View](#)

Generator Logs
Go to a page that contains detailed statistics of generator logs.
[View](#)

Site Access Logs
Go to a page that contains detailed statistics of site access logs.
[View](#)

TruckWash Logs
Go to a page that contains detailed statistics of truckwash logs.
[View](#)

User Login Logs
Go to a page that contains detailed statistics of user login logs.
[View](#)

Details the **Offline Sites** that you have access to, these are colour coded depending on how long the site has been offline and therefore not data has been received.

TruckWash Logs statistics displayed in a table of truckwash logs

User Login - Keeps a record of when users have logged in and how frequent in terms on last week and last month



CriticalAlarm is a flexible and robust alarm system designed to keep your production system safe. You can view current and historical alarms as well as amend alarm settings as long as you have the correct permissions. Only users with the correct level of access will be able to edit alarm settings.

CriticalAlarm Dashboard

An **Alarm Summary** is located here detailing the number of alarms set under each priority and any that are currently suspended or turned off

Here a record of the last 4 days **Critical Alarms** are recorded as a count of the number of alarms

The screenshot shows the CriticalAlarm Dashboard interface. It includes sections for 'Active Alarms Summary' (with HIGH, MED, and LOW priority counts), 'Critical Alarm' (showing the last four days of critical alarms), and 'Test Alarms' (a table of test periods with start/end times, alarm counts, and pass/fail status). Annotations with red arrows point to these sections from the surrounding text.

PRIORITY	Count	Status
HIGH	0	No alarms
MED	0	No alarms
LOW	0	No alarms

Date	Count
Jun 11th	1
Jun 8th	2
Jun 6th	10
Jun 5th	5

Start	End	Alarms	Pass
Jun 4th, 09:32	Jun 4th, 09:33	1	✗
May 31st, 18:44	May 31st, 18:53	1	✓
May 18th, 17:07	May 22nd, 14:01	7	✓
May 10th, 15:21	May 10th, 15:25	1	✓
May 2nd, 15:22	May 2nd, 15:27	1	✓
Nov 7th 2017, 12:22	Nov 7th 2017, 12:32	1	✓
Oct 21st 2017, 10:42	Oct 21st 2017, 10:46	1	✓
Oct 7th 2017, 09:26	Oct 7th 2017, 09:31	1	✓
Sep 14th 2017, 15:05	Sep 28th 2017, 19:08	3	✓
Aug 6th 2017, 10:09	Aug 7th 2017, 04:54	1	✓

Commented [SD4]: Could you make the layout of this page similar to the dashboard for admin, with arrows and a brief description of what it does

View a record of all **Test Alarms** here and whether they passed or failed

From this page you can;

- view any current or historic alarms ([page 17](#))
- edit the alarm configuration ([page 18](#))
- suspend any active alarms ([page 24](#))
- view test alarms ([page 25](#))

View Alarms

1. Current Alarms

From the CriticalAlarm dashboard, click **View** and this will take you to an overview of current alarms (those which are active).

The background colour of the alarm indicates alarm priority (red is high priority, orange is medium priority and yellow is low priority – see [alarm configuration](#)). Any alarms which are not highlighted are not setup to alert the user but are still recorded by BarnReport Pro.

Current Alarms		
View all alarms	Clear hard alarms	Suspend
Room	Alarm	Time
FIN-RM2	Water Leakage	May 9th, 09:00
FIN-RM2	Water Pattern	Apr 9th, 09:00
cklp	MAINS FAILURE	Apr 1st, 08:27
cklp	NETWORK FAILURE	Apr 1st, 07:11
FIN-RM2	NETWORK FAILURE	Apr 1st, 07:11
FIN-RM1	NETWORK FAILURE	Apr 1st, 07:11
FIN-RM1	Water Leakage	Mar 29th, 09:00

- Click on the room (highlighted in blue) to view the ActiveCharts for the Room
- Click on the alarm (highlighted in blue) to view history of the alarm, including all events (time on and off) and who was contacted (time, method, user).

Current Alarm Alert History					
Event time	Method	User	Reply	Tier	Contact
Apr 16th, 17:15	Phone		Answerphone	Tier 1	
Apr 16th, 17:14	Phone		Answerphone	Tier 1	

Alarm History		
Alarm on	Alarm off	Events
Apr 16th, 14:56	Apr 16th, 17:17	17
Apr 16th, 11:23	Apr 16th, 12:44	12
7	Mar 23rd, 11:27	6

Current Alarms

View all alarms

Clear hard alarms

Suspend

From the **Current Alarms** page you can select ‘**View all alarms**’ at the top of the page. This will show you all alarms, whether they are active or not.

By clicking on the room (highlighted in blue), you can go to the relevant chart for the alarm.

By clicking on the alarm i.e. network failure (highlighted in blue) you can go to the history of the alarm, including all events (time on and off) and who was contacted (time, method, user).

Alarm Configuration

From the CriticalAlarm dashboard, select ‘**edit**’ and this will take you to an overview of CriticalAlarm configuration. From here you can change how CriticalAlarm functions - simply select edit under the desired category.

Cycle Settings – set the timings for the alerts and notifications

Priority Settings – specify cycle times and alert methods

Cycle Settings

Set the timings used to control the sending of alerts and notifications for each priority.

Current settings :

Level	Cycle	Type
High	10 minutes	Phone
Med	30 minutes	Phone
Low	720 minutes	SMS

Edit

Priority Settings

Specify which cycle times the alarms should use, and also how to alert people.

Current settings :

Level	Alarms
High	10 alarms
Med	6 alarms
Low	11 alarms
Off	1 alarms
Suspend	0 alarms
Total	28 alarms

Edit

Alarm Thresholds

Set thresholds for specific alarms.

Current settings :

Threshold	Operand	Value
Extreme High Temperature	>=	40
Extreme Low Temperature	<=	4

Edit

Alarm Tiers

Set the order in which people are called, and alarms are escalated.

Current settings :

Tier	One	Two	Three	Four	Five
First called	Sadie Douglas				
Total called	3				

Edit

Commented [SD5]: Could we get another screenshot without any names of producers on? Anyone who works for DTL/FX is fine.

Alarm Thresholds – set low and high temperature thresholds for alarms

Alarm Tiers – set the order in which people are called

1. Cycle Settings

Cycle settings is used to edit the timings of the alerts and notifications for each priority setting. The difference between High, Medium and Low priority alarms is distinguished by the user and the cycle settings they choose.

Default settings will have the high priority alarm on a short cycle, repeated frequently, with a short suspend period and contact method via phone. Medium and low priority alarms are on a longer cycle and repeated less often, with a greater suspend period and contact method may be via phone, SMS or e-mail. All of these are fully configurable by the user.

Cycle Settings

Priority	Cycle	Repeat	Suspend Period	Contact Method
High	<input type="text" value="10"/> minutes	<input type="text" value="10"/> minutes	<input type="text" value="1"/> hours	Phone ▼
Med	<input type="text" value="30"/> minutes	<input type="text" value="10"/> minutes	<input type="text" value="6"/> hours	Phone ▼
Low	<input type="text" value="720"/> minutes	<input type="text" value="720"/> minutes	<input type="text" value="12"/> hours	SMS ▼

☐ Reset to company defaults

Save Cycle Settings

- **Cycle** - Once the alert is active, the alert process will restart every [cycle] minutes from the start of the alert for medium and low priority alerts, and every [cycle] minutes from the last acknowledgement for high priority alarms
- **Repeat** - If no-one acknowledges, the system will retry every [repeat] minutes
- **Suspend Period** - When the alert is suspended, it will reactivate in [suspend period] hours
- **Contact Method** - Simply select phone, SMS or Email
- **Reset to company defaults** - Clicking the checkbox at the bottom of the page will override current settings and return to the company default

Tip: Apart from the user defined settings (see cycle settings) the only difference between high and medium priority is when the cycle timer restarts. High: Timer starts from the acknowledgement. Medium/Low: Timer starts from the start of the alert itself

2. Priority Settings

Priority settings allows you to specify which priority (high, medium or low) to use for each alarm. For each alarm select the **Priority** from the drop down box and click **Save Priorities** at the bottom of the page. Descriptions of alarms and likely causes are listed on the next page.

Priority Settings ⓘ

Hard alarms			Soft alarms		
Alarm	Priority	Default	Alarm	Priority	Default
MAINS FAILURE	High (Phone) ▼	<input type="checkbox"/>	Connection Failure	High (Phone) ▼	<input type="checkbox"/>
NETWORK FAILURE	High (Phone) ▼	<input type="checkbox"/>	Netmon Connection Failure	High (Phone) ▼	<input type="checkbox"/>
HIGH READING	Med (Phone) ▼	<input type="checkbox"/>	Water Leakage	Med (Phone) ▼	<input type="checkbox"/>
WATER FAILURE	Med (Phone) ▼	<input type="checkbox"/>	Temperature Control	Off ▼	<input type="checkbox"/>

Turn OFF All Alarms ⓘ Set Site Defaults ⓘ Save Priorities ⓘ

- **Low (default SMS)** - No phone call, just a message to your mobile phone.
- **Off** - You will not receive an alarm or notification for this alarm condition.
- **Suspend** - The alarm will be suspended for a specified amount of time, this can be determined in cycle settings.
- By selecting the '**Default**' tick box next to the individual alarm the company settings will be applied this alarm.
- **Turn OFF All Alarms** – This will turn off all alarms for a site
- **Set Site Defaults** – will revert to the site defaults set up in the 'Companies' section

Tip: Company settings can be amended under the 'View Companies' tab on the side bar. See [page 8](#) for further details.

A number of alarms can be set up via the Priority Settings page – a description of each is provided below. Please note that not all alarms can be setup for every site, for example to have an alarm for water failure you must have water meters installed.

Alarm	Description	Likely Cause
Mains Failure	Controller is not detecting a mains connection	<ol style="list-style-type: none"> 1. Mains is off and Dicam is running on battery 2. Power supply has failed, running on battery 3. APPs mains detection circuit failure 4. Sync signal not connected
High Reading	Temperature has exceeded the HIGH trigger point for a room / zone	<ol style="list-style-type: none"> 1. Room / zone is considerably hotter than SET 2. Trigger incorrectly set 3. Sensor failing
Low Reading	Temperature has dropped below the LOW trigger point for that room / zone	<ol style="list-style-type: none"> 1. Room / zone is considerably colder than SET 2. Trigger incorrectly set 3. Sensor failing
Sensor Failure	A particular sensor is giving an invalid reading (includes open circuit and short circuit)	<ol style="list-style-type: none"> 1. Sensor has failed 2. Sensor connection is faulty 3. Cabling issue 4. Sensor incorrectly configured
Sensor Variance	Two sensors within the same room or airspace are reading too far apart	<ol style="list-style-type: none"> 1. Genuine temp difference 2. Sensor variance trigger set too low (default: 3°C) 3. Sensor failing
No Sensors	All sensors for a particular room or zone are giving invalid readings (there may only be one sensor)	<ol style="list-style-type: none"> 1. Sensor has failed 2. Sensor connections faulty 3. Cabling issue 4. Sensor incorrectly configured
Network Failure	Network connection has been lost to one or more units	<ol style="list-style-type: none"> 1. Cable or connection problem 2. Failure to set network address after upgrade
Output Failure	Output type and device mismatch in configuration	<ol style="list-style-type: none"> 1. An output device is set to a channel but the channel has not been set to a type (e.g. Fan1 = CH1 & CH1 = NONE)
Output Timeout	Output type and device mismatch in configuration	<ol style="list-style-type: none"> 1. An output channel is set to a type but a device has not assigned to the channel (e.g. CH1 = FAN2WR & no device is set to CH1) 2. Netmon remote siren device not configured

Alarm	Description	Likely Cause
Manual Override	Output device(s) overridden and cannot be controlled automatically	1. One or more output channels has been set to run at a specific level (0% to 100%) in the MANUAL OVERRIDE menu
System Reset	Dicam Unit has restarted	1. Brief interruption to supply 2. User has been into config and not used knob or button since restarting
System Error	Dicam controller has problems starting up OR Netmon units always show this on initial power up.	1. Dicam: Repeated restarts within the start-up please wait.....sequence without completing the sequence 2. Netmon: Normal operation on first connection
Battery Low	Battery sensed level has dropped to a critical level	1. Battery is deeply discharged 2. Battery jumper not fitted securely or at all 3. Battery jumper fitted but configured to wrong channel
Trip Failure	An auxiliary device is in a state of alarm	1. Fans/Feed (any other outputs) on the system have tripped 2. The netmon has tripped
Feed Failure	The feed system has exceeded the set thresholds	1. A period of excessive feed delivery 2. No feed has been delivered for an extended period of time
Water Failure	Water usage has exceeded the set thresholds	1. A period of excessive water usage 2. No water has flowed through a meter for an extended period of time.
Connection Failure	The site hasn't connected to us at all in the last ten minutes	1. There is an issue with your broadband provider 2. The broadband router is disconnected from the DGW, at the router end or at the Ethernet port on the DGW 3. The system needs resetting
Netmon Connection Failure	The site hasn't uploaded any alarms in the last ten minutes	1. The netmon has lost contact with the DGW

3. Alarm Tiers

Alarm tiers allows you to change the order in which people are called and therefore the order in which the alarms are escalated.

On the left hand side under 'Not called', every user who is linked to your site will appear. A phone symbol should appear beside each name, if it does not this means there is no mobile phone number entered for the user on BarnReport Pro (please call Farmex to have one added) or see [page 11](#) on how to edit user details.

Drag and drop the user profiles between the tiers to amend the call order and click **Save** at the bottom of the page. There is a maximum of 5 tiers and each tier will only appear once there is a user in the previous tier.

Not Called	Tier 1	Tier 2	Tier 3
Johan Ribenfors	Sadie Douglas	Ollie Wilson Wynn	Simon Leach

Save

Tier 1 – The first person in Tier 1 will be called first and then the second and so on. The system will attempt to call all of these users twice before moving onto Tier 2.

Tier 2 onwards – Users will be called in order of how they are listed in each tier. If there is no response, the call will progress to the next. If there is still no response the cycle will restart with Tier 1 until the alarm stimulus has been cleared on the individual unit or Netmon.

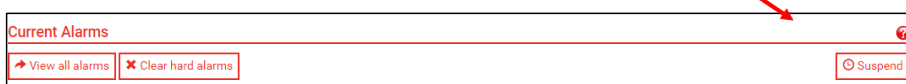
Tip – By default, CriticalAlarm will contact users 24 hours a day if an alarm is triggered however you can set on-call times for each user and priority level. This means individual users can be called between specific hours such as 8am to 6pm for a low priority alarm or 24 hours a day for a high priority alarm. See [page 18](#) for more details.

Suspend & Clear Alarms

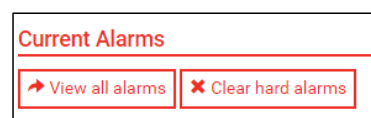
Once you have received a phone call, text or e-mail for an active alarm, you may want to suspend the alarm (prevents you getting another call/text for a specified period of time so the alarm can be resolved on site) or clear the alarm (if the alarm has been resolved on site then clearing the alarm will prevent any further contact for the alarm).

1. Suspending Alarms

If you require more time to deal with the stimulus of an alarm you can suspend it. See [page 18](#) to specify length of suspend period.



However once the suspend period is over the alert will reactivate. To stop this you must clear the alarm, otherwise the alarm will trigger every [cycle time] minutes and if not initially acknowledged every [repeat] minutes.



If you have cleared the alarm using this feature on BarnReport Pro and the alarm persists. The next step is to clear the alarm at netmon. If you require further assistance with this please contact Farmex Data Services on 0118 988 9093.

Test Alarms

The Weekly Alarm Test is an optional function that allows to check whether your alarm system is working correctly.

A log of the alarm test is recorded in BarnReport Pro on the CriticalAlarm summary page.

Test Alarms			
The last 10 Test periods:			
Start	End	Alarms	Pass
Jun 4th, 09:32	Jun 4th, 09:33	1	✗
May 31st, 18:44	May 31st, 18:53	1	✓
May 18th, 17:07	May 22nd, 14:01	7	✓
May 10th, 15:21	May 10th, 15:25	1	✓
May 2nd, 15:22	May 2nd, 15:27	1	✓
Nov 7th 2017, 12:22	Nov 7th 2017, 12:32	1	✓
Oct 21st 2017, 10:42	Oct 21st 2017, 10:46	1	✓
Oct 7th 2017, 09:26	Oct 7th 2017, 09:31	1	✓
Sep 14th 2017, 15:05	Sep 29th 2017, 19:08	3	✓
Aug 6th 2017, 10:09	Aug 7th 2017, 04:54	1	✓
			View more

This log shows the last 10 alarm tests and also a count of the number of alarms during each test period and whether the test passed or not.

If 'view more' is selected the full list of alarms is shown with details of zone, what type of alarm and whether the alarm test passed.

Test Periods					Details			
Period Start	Period End	Alarms	Pass	Info.	This test passed with the following alarm(s)			
Jun 4th, 09:32	Jun 4th, 09:33	1	✗	More ➤	Alarm Time	Zone Name	Alarm Name	Reply
May 31st, 18:44	May 31st, 18:53	1	✓	More ➤	May 31st, 18:45	alm	MAINS FAILURE	✓ View ➤
May 18th, 17:07	May 22nd, 14:01	7	✓	More ➤				
May 10th, 15:21	May 10th, 15:25	1	✓	More ➤				
May 2nd, 15:22	May 2nd, 15:27	1	✓	More ➤				
Nov 7th 2017, 12:22	Nov 7th 2017, 12:32	1	✓	More ➤				
Oct 21st 2017, 10:42	Oct 21st 2017, 10:46	1	✓	More ➤				
Oct 7th 2017, 09:26	Oct 7th 2017, 09:31	1	✓	More ➤				
Sep 14th 2017, 15:05	Sep 29th 2017, 19:08	3	✓	More ➤				
Aug 6th 2017, 10:09	Aug 7th 2017, 04:54	1	✓	More ➤				
<div>< 1 2 3 4 5 ></div>								

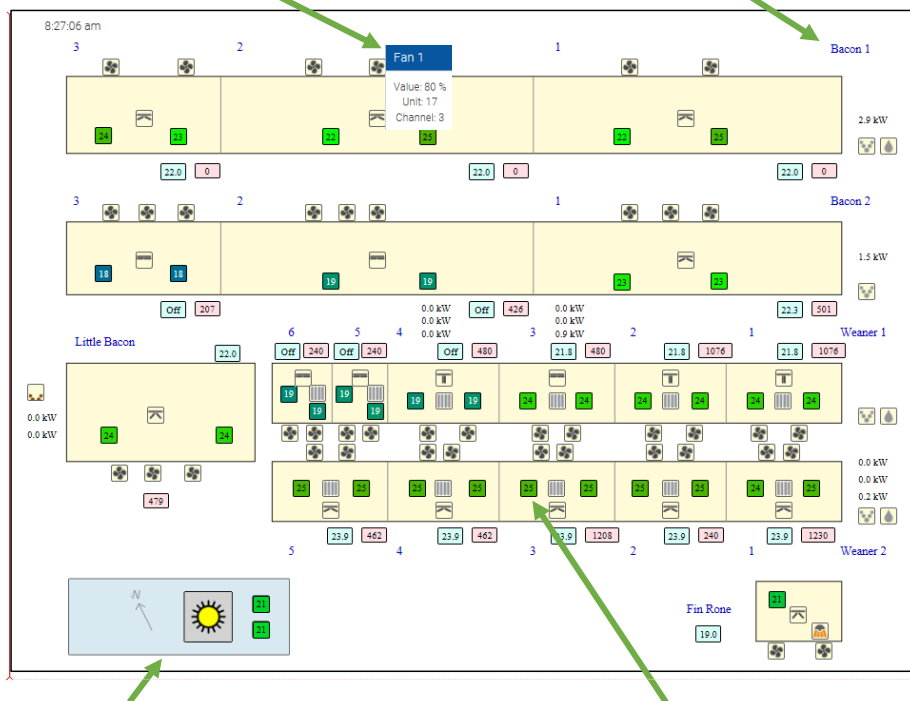


SiteMap is a real time indication of what is happening in your pig buildings. Each of the symbols represent either a sensor or meter, alongside pig numbers and live weather conditions.

SiteMap Dashboard

Scrolling over icons will bring up a box with additional details such as what the icon represents and what the current value is.

Buildings and rooms are named and displayed as on site



Weather display shows the temperature and current weather for your site as well as direction.






Clicking on an icon within a room will take you straight to the ActiveCharts page for that room. See [page 30](#)

Commented [SD6]: Could we use a UK sitemap so the temp is in degrees?


SiteMap Icons

Temperatures



Room Temperature

-  Too cold
-  Correct
-  Too hot
-  No reading
-  Disabled


Semen Cooler Temperatures

-  Same as room but with blue border and larger

Set Temperatures

-  Room set temp
-  Creep set temp

Creep Temperatures




-  Same as room but with red border

Relative Humidity



-  Relative humidity

Fans

Generic fan




-  Off (static)
-  Running
-  No reading

Other fans



-  Stir fan
-  Pit fan

Feed




Feed Auger

-  Off
-  Running (scrolling from top to bottom)
-  No reading

Feed Bin







-  Feed bin weight (level of green indicates how full the bin is)
-  No reading

Generator







-  Off
-  Running (animated – flashing red to yellow)
-  No reading

Heaters

Generic Heater







	Off
	25%
	50%
	75%
	100%
	No reading

Creep Heater





	Off
	25%
	50%
	75%
	100%
	No reading

Inlets




Ceiling Inlet

	Closed
	25% open
	50% open
	75% open
	100% open
	No reading

Side Curtain

	Fully open
	Partially open
	Closed
	No reading






Water

	Not running
	Running (animated – pulsing from grey to blue)
	No reading




Electricity

	Total Electric per room/building
---	----------------------------------




Pit Sensor

-  Empty
-  25% full
-  50% full
-  75% full
-  100% full
-  No reading

Pump/Fogger




-  Off
-  Running (animated – pulsing from top to bottom)
-  No reading

Siren



-  Off
-  On (animated – pulsing from left to right)
-  No reading

Timers



Generic

-  Not running
-  Running (animated – hands rotate)
-  No reading

Other Timers

-  Lights
-  Water

Miscellaneous

-  Pig Number
-  1.1 m/s Air speed



ActiveCharts is the graphical viewing and analysis tool. The system can be configured to log data such as temperature, feed intake and water consumption. Historical as well as current data is available to view. You will also access your **pig weight**, **dry feed** and **liquid feed** data on the ActiveCharts tab if you subscribe to these.

ActiveCharts Dashboard

Chart view selection – Select a zone to view all charts for this particular zone, charts will open in a new tab

The screenshot shows the ActiveCharts dashboard interface. At the top, there is a navigation bar with tabs for CriticalAlarm, ActiveCharts, SiteMap, BetterScore, TrackGrowth, and MoreOptions. The ActiveCharts tab is selected. Below the navigation bar, the dashboard is divided into several sections. On the left, there is a 'Chart View Selection' section with a 'Site Zone' dropdown menu and a 'Go' button. Below this is a 'Hampshire Feed Export' section with a date range selector (From: 12-06-2018, To: 19-06-2018) and a 'Go' button. On the right, there is a 'Liquid Feed' section with a table showing feed data. At the bottom left, there is a 'Manual Entries' section with a 'Manage Manual Data Fields' button. A blue arrow points to the 'ActiveCharts' tab in the navigation bar. Another blue arrow points to the 'Chart View Selection' section. A third blue arrow points to the 'Manual Entries' section. A fourth blue arrow points to the 'Liquid Feed' table.

	Room	Valve	Amount
Minimum total output today	0	0	0.00
Maximum total output today	0	0	0.00
Average total output today			0.00

Dry/Liquid Feed – If your feed system is integrated you can access the charts and tables here

Manual Entries – Edit your manual data entry such as pig number

Zone Statistics

Select a zone from the left hand drop down menu and then select which charts you'd like to view in the right hand drop down menu, then select 'Go'. The default charts displayed are Summary, then more specific charts are shown on the Temp & Vent and Water tab. Other charts are also available such as, Electricity, Feed and Pig weights.

Chart View Selection

Make a selection below to view the charts for an airspace.

W2

Summary
Temp & Vent
Water

Go

Timescale selection lets you skip through periods of time on the charts

Arrows can be used to skip between different zones and the printer icon can be used to produce printer friendly version of the charts

Options

Range Locked ☒

SKIP DAY

Day

Day

SKIP WEEK

Week

Week

SKIP MONTH

Month

Month

FROM

12-06-2018

TO

19-06-2018

Reset Data

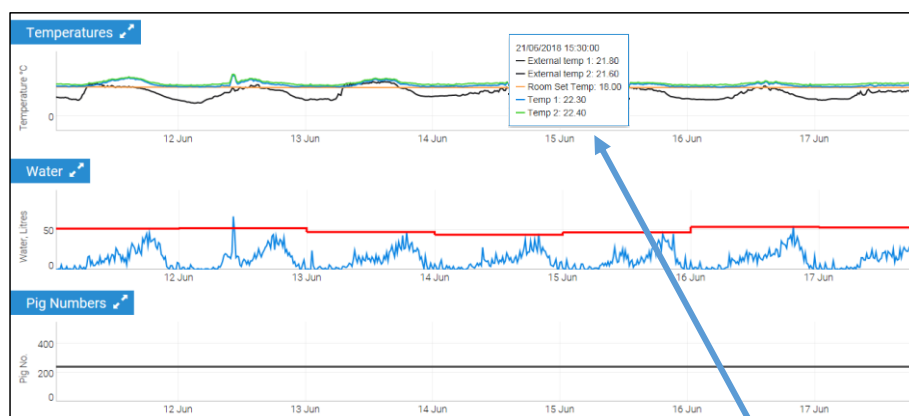
Go to date

Up Arrow

Down Arrow

Printer Icon

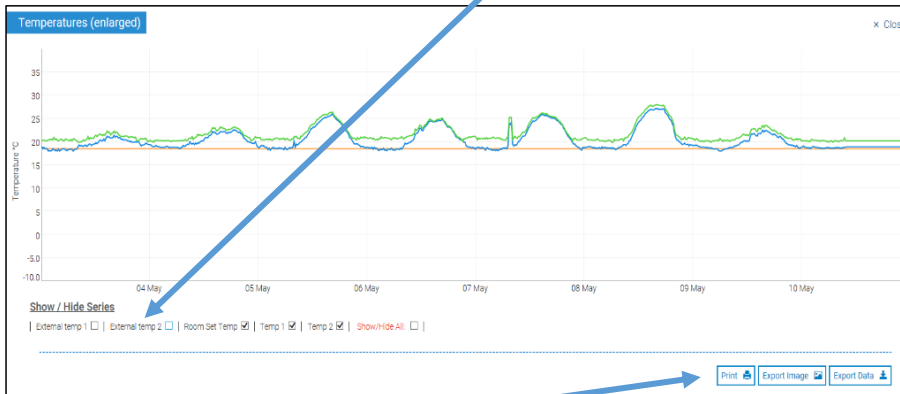
Info Icon



Tip -ControlShift and Click & Drag the mouse to pan the graph. Double click to return to the default view.

Hover over the graph with your mouse and the legend will have axis labels and figures at that position

Charts can be individually enlarged for more detail and the visibility of series can be toggled to 'show' or 'hide' the info on the chart



Data from the charts can be **exported** via an image, spreadsheet or printer friendly view

Manual Entries

Select to manually enter room set temp, pig numbers or pig weights

Manual Entries

Enter / manage your manual entry data here.

[Manage Manual Data Fields >](#)

Then select a zone from the drop down menu and view

Enabled zones

Make a selection below to manually input data for that zone.

A1

View

Data entry

Room Set Temp

Room Set Temp:

Value: 2016-07-05 14:49:00

Number of pigs

Pig Numbers:

Value: 2016-07-05 14:49:00

Weight of pigs

Weight:

Value: 2016-07-05 14:49:00

[Save Changes](#)

Enter the relevant zonal information and change the date if required and select **save**.

Pig Weights

To navigate to the Pig Weights graph;

- Go to the TrackGrowth Dashboard
- Find the **Zone** of interest under Pig Weights
- Click **View**

Pig Weights			
The following information is available for pig weights.			
Zone	Min	Max	Avg
Grower 1 - left pen	54.35 Kg	95.33 Kg	77.18 Kg
Grower 1 - right pen	58.64 Kg	88.97 Kg	75.82 Kg
W01	19.63 Kg	41.45 Kg	30.22 Kg
(data for yesterday.)			
View Camera View/Manage Batches			

1. Growth Chart

Average Daily Gain for the time period selected

Quick view; view data for the last day, week, year.

Use calendar function to toggle dates and click **Go**

Hover over the graph with your mouse and the legend will have axis labels and figures



- Blue dots are the individual pig weights
- Red line is average daily weight.
- Orange line is linear regression of data to give you the ADG

To **export weights** as an Excel file, select the dates of interest and click export

2. Last Week's Stats

The **Last weeks stats** table summarises the descriptive statistics of the weight data over the past 6 days (including the current day)

Last Weeks Stats						
	14/06/2018	15/06/2018	16/06/2018	17/06/2018	18/06/2018	19/06/2018
Number Of Pigs	N/a	N/a	N/a	N/a	N/a	N/a
Number Of Weighings	38	34	6	0	23	5
Min Weight	52.99	54.45	62.92	N/a	58.64	60.62
Max Weight	84.44	95.73	85.98	N/a	88.97	88.58
Mean Weight	73.27	75.47	76.83	0.00	75.77	75.50
Standard Deviation	7.73	8.83	7.66	0.00	7.79	9.73
Coefficient Of Variation	11%	12%	10%	0%	10%	13%
Export Stats						
From:	18/06/2018	To:	19/06/2018	Export		

Historical data can be exported in an excel file using the **Export Stats** function. Select the period of interest using the **calendar toggles** and the click **Export**.

View/Manage Batches

Batches must be set up to record the weights of pigs for each Growth Sensor. The weights for each batch are then recorded and stored.

Pig Weights			
The following information is available for pig weights.			
Zone	Min	Max	Avg
Grower 1 - left pen	54.35 Kg	95.33 Kg	77.18 Kg
Grower 1 - right pen	58.64 Kg	88.97 Kg	75.82 Kg
W01	19.63 Kg	41.45 Kg	30.22 Kg
(data for yesterday.)			
View Camera View/Manage Batches			

Select to **view & edit** current and historical batch records for each room

Delete the current batch or edit weight/date records

Select to add a new batch entry. (You will need entry date & weight)

Current Batches							Add New Batch Entry		
Zone	Start	End	Description	Extras	Duration				
WD1	9th May 2018	~	~	Weight: 10	44 days	Report	Edit	Delete	
Grower 1 - right pen	24th April 2018	~	~	Weight: 33	56 days	Report	Edit	Delete	
Grower 1 - left pen	24th April 2018	~	~	Weight: 33	56 days	Report	Edit	Delete	

Select the **zone** in which the growth sensor is positioned

Adding a New Batch

< Return to list

Zone:

Grower 1 - left pen

Start:

19/06/2018

End:

Description:

Other Optional Parameters (leave blank if N/a):

Weight

Save

Enter the **start weight (kg)**

Enter the **start date & end date.**

Viewing/managing your batches for the growth sensors is quick and easy. We recommend entering the batch information yourself for the most accurate information, however Farmex's data services keep a close eye on the batches going through the Growth Sensor pens to make sure data is collected for the correct batch.



BetterScore is a real-time data scoring and flexible notification system. Variability in feed and water consumption as well as room temperature can significantly affect the growth performance of your pigs, so BetterScore continuously analyses and evaluates these parameters and scores them on a daily basis.

BetterScore can also trigger phone, text or email notifications when a significant increase in variability is detected so you are aware when a problem arises. These settings are amended in CriticalAlarm.

BetterScore Dashboard

The BetterScore dashboard will show shows a list of all zones to which the user has access.

Clicking on the view icon will display the overall charts.

BetterScore Ratings			
View BetterScore Chart			
Zone	Feed	Water	Temp
Site	😊 📉	😊	😊
F1		😊 📈	😊 📉
F2		😊 📈	😊 📉
F3		😊	😊 📉
F4		😊 📉	😊 📈

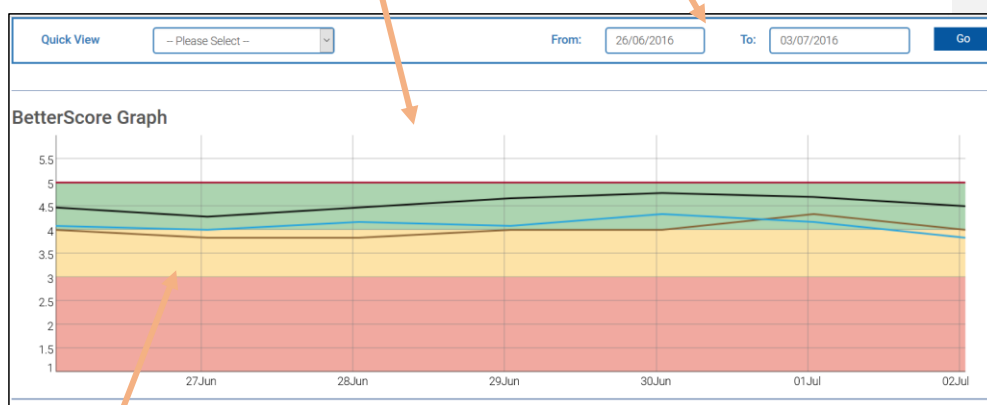
Clicking on the zone name will take you to the water/temperature/feed charts for that zone

Feed, temperature and water data is scored on a daily basis. A green smiley face indicates good, orange is ok and red is bad. An arrow shows you the direction of the trend.

BetterScore Chart

BetterScore charts shows the overall scores for your site (all zones combined).

The date can be selected to show how scores have changed over



The chart is colour coded to show you how each parameter (feed/temperature/water) is scored. Green = good, yellow = ok, red = poor

Tip - If you have more than one site on BarnReport Pro then the BetterScore Chart is a useful tool for easy comparison of site performance.

BetterScore Notifications

BetterScore notifications are derived from the BetterScores. The scores are from 1 (bad) to 5 (good). Any score of 2 or below will generate an alarm. BetterScore notifications are enabled via CriticalAlarm and can be configured to call, text or e-mail users.

There is a score for feed, water and temperature.

Area	Rule	Description
Feed	Trend	The trend is for the last 5 days. If feed use is static or declining, an alarm is created
	Pattern	The greater the difference in the pattern of usage between the last two days, the lower the score
	Outage	If a feed auger is running constantly, it's assumed to be bridging. If it's in this state for longer than 45 minutes, an alarm is created
Water	Trend	The trend is for the last 7 days. If water use is static or declining, an alarm is created
	Pattern	The greater the difference in the pattern of usage between the last two days, the lower the score
	Leakage	The assumption is that water usage should drop to zero, or close to zero, at some point in a 24 hour period. If this doesn't happen, an alarm is created
Temperature	Range	The greater the difference between any two sensors in the last two days, the lower the score. A difference of more than 8 degrees will result in an alarm
	Changes	The greater the difference between the mean temperature of the last two days, the lower the score. A difference of more than 2 degrees will result in an alarm
	Control	The more the temperature deviated from the mean in the last day, the lower the score. A standard deviation of more than 4 will result in an alarm



Remote Settings

Remote Settings in BarnReport Pro allows you remote access to your Dicam controls to make settings changes via the website. Set temperature, minimum vent rate, alarm thresholds, manual overrides and curves can all be altered from Remote Settings. Access is granted on a site basis, please contact Data Services for more details.

Accessing Remote Settings

Remote Settings can be found in the left hand tab menu

If you have access to multiple sites then **select the site** that you want to make changes to here

Any **alarms** for the site can be accessed from here

Remote Settings

Select a site:

Go to alarms View logs

Unit 1 - FSC2.2FID (032-153)
Last contact: 23 minutes ago

Airspace	Set Temperature	Minimum Ventilation	Curve Active?
Room 1	18.0°C	10%	YES
Room 2	18.0°C	10%	YES

Edit Config

Unit 2 - FSC2.2FID (032-153)
Last contact: 22 minutes ago

Airspace	Set Temperature	Minimum Ventilation	Curve Active?
Room 1	19.6°C	10%	YES
Room 2	18.2°C	10%	YES

Edit Config

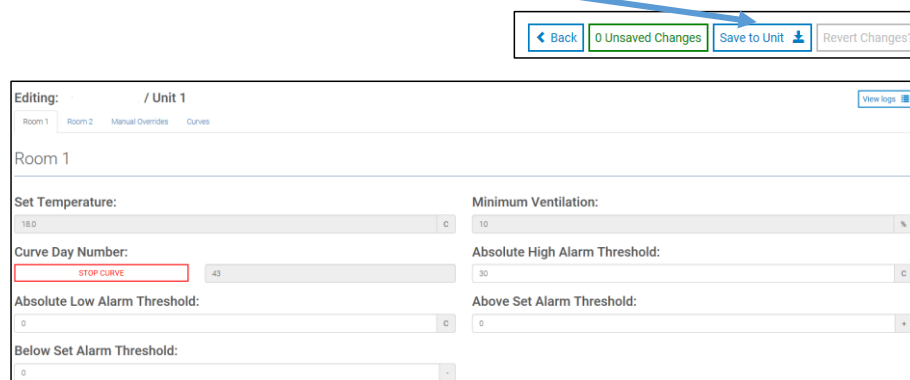
Commented [SD7]: Could you make this larger?

Each Dicam unit is displayed on the Remote Settings dashboard for the site selected. The rooms that this Dicam controls are detailed below it alongside the current settings.

Select '**Edit Config**' to change the settings of the particular Dicam

Changing Room Settings

Settings within the air space can be changed by selecting which zone you want to change them in. Then enter the changes you want to make into the relevant boxes. A record of any changes you make will be counted in the top right hand corner. None of your changes will be made until **'Save to Unit'** is clicked.



Editing: / Unit 1 View logs

Room 1

Set Temperature: 18.0 °C Minimum Ventilation: 10 %

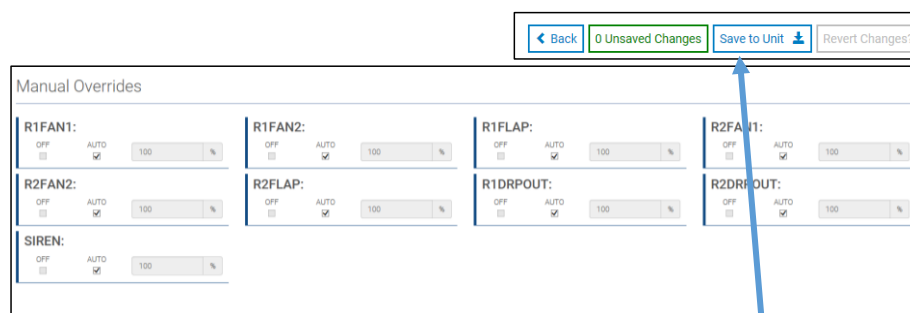
Curve Day Number: STOP CURVE 43 Absolute High Alarm Threshold: 30 °C

Absolute Low Alarm Threshold: 0 °C Above Set Alarm Threshold: 0 +

Below Set Alarm Threshold: 0 -

Changing Manual Overrides

Manual overrides can be altered within Remote Settings. Selecting the **'Manual Overrides'** tab brings up the below screen. From this tab, devices can be turned **'off'**, set to a value of your choice or set to **'auto'**.



Manual Overrides

R1FAN1: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %	R1FAN2: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %	R1FLAP: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %	R2FAN1: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %
R2FAN2: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %	R2FLAP: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %	R1DRPOUT: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %	R2DRPOUT: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %
SIREN: OFF <input type="checkbox"/> AUTO <input checked="" type="checkbox"/> 100 %			

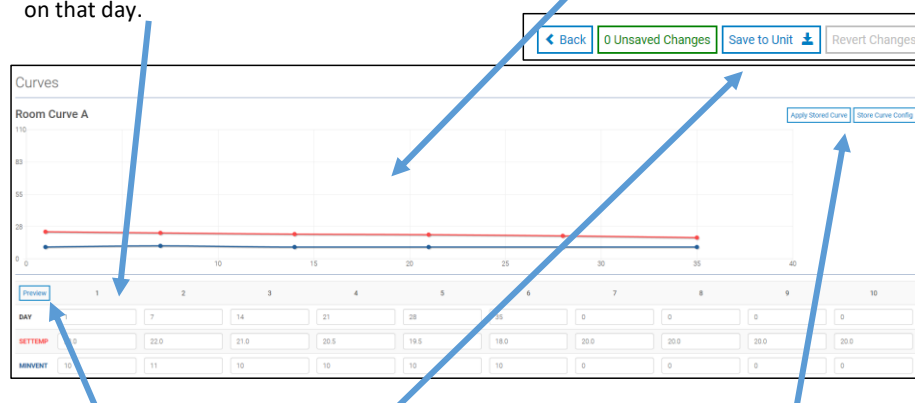
Once making your changes you must select **'Save to Unit'** for your changes to be saved

Changing Curves

Through Remote Settings, curves can be altered, added, deleted or saved. These curves relate to the set temperature and minimum ventilation rate.

The curve can be added by entering the day number and the temperature/min vent required on that day.

The current set curves are displayed on the chart



If adding a new curve, selecting '**Preview**' will plot the curve on the chart above, replacing the current curves

A curve can be '**stored**' within BarnReport Pro for use at a later date. This can be done here, or alternatively you can '**apply**' a stored curve here.

Once making your changes you must select '**Save to Unit**' for your changes to be saved

Tip – If changes are made on the Dicom at the same time as on Remote Settings, a warning message will appear, confirming that new changes have been made. You can then decide whether to overwrite these changes.

Change Log

All changes made, both within Remote Settings and on site at the Dicam are recorded within the Change Log. This can be accessed from any page within Remote Settings by selecting **'View Logs'**.

Information on what and when something is changed is detailed and recorded here

Viewing logs for:

The data in the table below can be sorted by clicking on the column headers

Unit	Date	Change Count	User	Change groups	
7	18/06/2018 07:37	1	Local user	Rooms	See all
7	18/06/2018 07:37	1	Local user	Rooms	See all
4	18/06/2018 11:19	0	Local user	Manual Overrides	See all
4	18/06/2018 11:19		Local user	Manual Overrides	See all
4	18/06/2018 11:19	2	Local user	Manual Overrides	See all
1	18/06/2018 06:57	1	Local user	Manual Overrides	See all
1	18/06/2018 06:52	1	Local user	Rooms	See all
7	17/06/2018 10:36	1	Local user	Rooms	See all
7	17/06/2018 10:35	1	Local user		
1	15/06/2018 08:06	2	Chris Blackstone		

Entries per Page: 10

"15/06/2018 @ 08:47" made by Local user

Rooms:

Rooms - 2:

✓ Absolute High Alarm Threshold -> 280

Okay

The name of the user who made the changes will appear here. **'Local User'** refers to a change made at the Dicam itself.

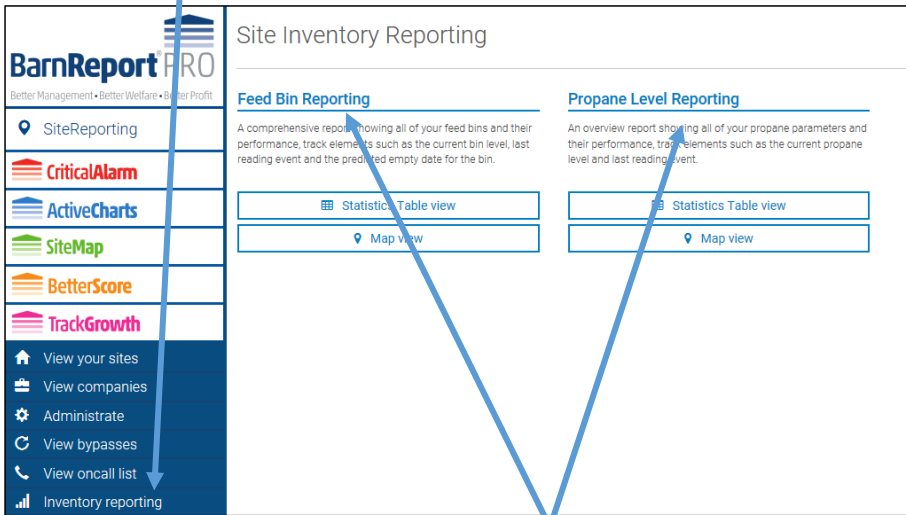
Selecting **'See all'** brings up a pop up box with more information on exactly what changes were made, including the values they were changed to.

Inventory Reporting

Inventory reporting can be used to keep track of Feed Bin and Propane levels. This feature records the level of resource left in the bins and also can predict when the bin will be empty based on the current usage.

Site Inventory Reporting Dashboard

Can be accessed from the left hand menu tabs



BarnReport PRO
Better Management • Better Welfare • Better Profit

SiteReporting

CriticalAlarm

ActiveCharts

SiteMap

BetterScore

TrackGrowth

View your sites

View companies

Administrate

View bypasses

View oncall list

Inventory reporting

Site Inventory Reporting

Feed Bin Reporting

A comprehensive report showing all of your feed bins and their performance, track elements such as the current bin level, last reading event and the predicted empty date for the bin.

Statistics Table view

Map view

Propane Level Reporting

An overview report showing all of your propane parameters and their performance, track elements such as the current propane level and last reading event.

Statistics Table view

Map view

Commented [SD8]: Could you make this larger

The dashboard shows **Feed Bin reporting** and **Propane Level Reporting** (dependent on what you are monitoring and subscribe to).

The two view options, '**Statistics Table view**' and '**Map view**' are displayed and can be navigated in exactly the same way for **Feed Bin** and **Propane Level Reporting**.

Statistics Table view

The statistics table view shows a record of all bins for the sites you have access to. All relevant information is recorded about the bins, including location, size, level and predicted empty date.

The data from this page can be exported into an excel file using the 'export' button at the top right of the page.

Shows % level of the bin, colour coded as follows;
Green > 50%, Orange <50%, Red <25%

'Grouped' and 'single' bins can be toggled here

Feed Bin Statistics

SINGLE GROUPED Export

%	Company	Site	Bin	Size (Bs)	Level (Bs)	Last Updated	Predicted Empty Date
23%			1433 Grouped Bin	75200	17406	2 hours ago	1 day
38%			1432 Grouped Bin	75200	23103	2 hours ago	18 days
45%			1434 Grouped Bin	75200	24793	2 hours ago	1 day
53%			1394 Grouped Bin	75200	24973	2 hours ago	1 day
57%			1392 Grouped Bin	75200	28409	2 hours ago	1 day
56%			001 Grouped Bin	32000	30781	2 hours ago	6 days
43%			1391 Grouped Bin	75200	32486	2 hours ago	2 days
106%			002 Grouped Bin	32000	34144	2 hours ago	6 days
45%			1431 Grouped Bin	75200	34234	2 hours ago	9 days
67%			1393 Grouped Bin	75200	35416	2 hours ago	3 days
146%			003 Grouped Bin	32000	46737	2 hours ago	9 days

Search:

Bin size, level and last data update is detailed here

The **predicted empty date** can be found here, it will also display here if the bin is not in use for single bins.

The **search** bar can be used to find the relevant bin information

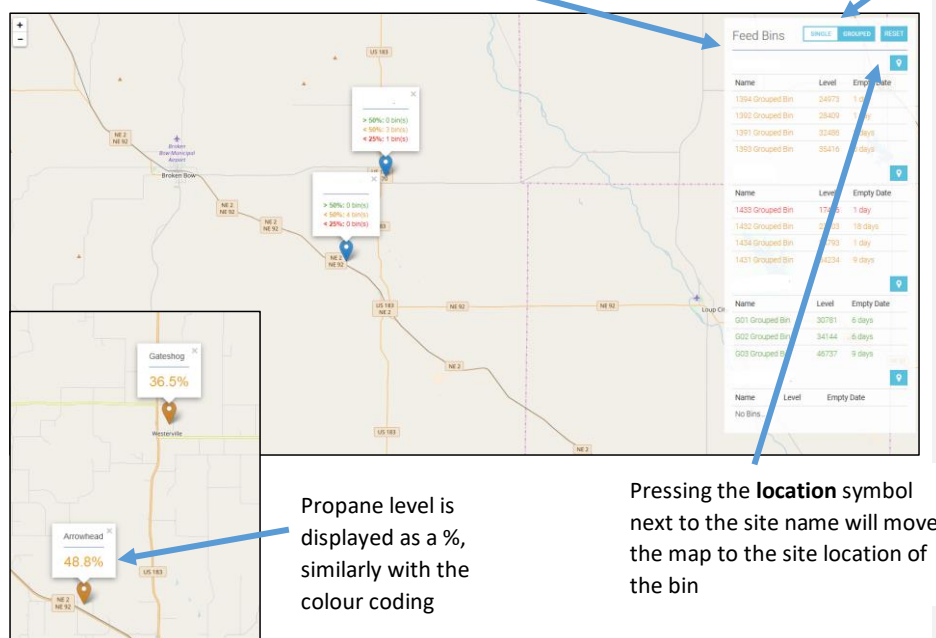
Tip – Clicking the tables header will sort by the column selected, holding shift + selecting more than one column will allow you to sort by multiple columns

Map View

Map view allows you to pin point the location of your sites and view the level of feed/propane. Depending on how many sites you have access to they will all be displayed on the map. Each site will have a little pop up box, seen below, that details how many bins are at each of the three defined levels (**Green > 50%**, **Orange <50%**, **Red <25%**).

All bins are displayed in the right hand summary tab where they can be found under their relevant site. Current level and predicted empty date are displayed here.

Grouped and single bins can be viewed here



Clicking on the site name in the popup box on the map will open a new tab with the SiteMap for that site, see [page 26](#)

Tip – You can zoom in and out of the map using the '+' and '-' at the top right of the map, however can also use the scroll on your mouse. Click + hold and drag to move around the map.