

SOFTWARE RELEASE NOTE: COMMUNICATOR-2 Ver. 4.7.3.17



Summary

This release includes:

- Support for Platinum Ver. X.27 (Advanced Feeding, OptiZone) candidate
- Support for Bird Inventory of 140,000 Birds, Platinum Pro/Touch (8275)
- Support for hourly water consumption (7238) (Appendix B)
- Support for Comparison screen settings Colors (8345)
- Support for Select All Houses checkbox and Growth Day at Send-to-All (Appendix C)
- Support for Alarm Notification for Farm Info (7619) (Appendix D)
- Support for NEW "SM_H2" Line Modem model in addition to discontinued Altec Line Modem
- Support for Phone Line voltage measurement indication (Appendix E)
- Support for integrated Communicator-2 Power Board firmware upgrade
- Support for indication on Communicator-2 Power Board firmware version (Appendix F)
- Support for scheduled Test Call with Line Modem
- Support for Test Call till first acknowledge by User
- Support for Modal tool to shift temperature differentials (Appendix G)
- Support for Farm Info search (4897)
- Support for Farm view by grid or list method (Appendix H)
- Support for Farm Alarm settings change in Event History (Appendix I)
- Support for large size Excel history file export
- Change in Additional Users Invite flow (9859)
- Support for Power Board upgrade to Ver. 1.11
- Improvement on:
 - Minimum Ventilation by weight settings update
 - Proper value presentation of Low and High fields in OptiZone table
 - Proper temperature readings value presentation in OptiZone Status HotKey
 - OptiZone "OFF Temp" resetting to zero value, when setting 0.0 to "ON Temp" temperature in the OptiZone table
 - Units type modification saving in User Settings
 - Temperature settings synchronization between the TAB "Opti Zone" and the TAB Set Points"
 - Proper "Non-Brood/Brood" Group presentation in HotKey "Opti Zone
 - Control Mode Cooling Ramping settings
 - Repeating alarms that no longer exist (9143)
 - Expansion box relays presentation (3884)
 - The males weights presentation in the graph (3954)
 - Low/High Current Sense per Relay Alarm notification (6119)
 - Vent Column presentation in Levels Of Ventilation table

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- WOD alarm settings presentation (8168)
- Alarm Global delay setting while performing send-to-all for houses in Empty Mode (9011)
- Superguard controllers rescan after communication loss (9111)
- Water & Feed and Vent table presentation (8204)
- Light table presentation for "light feed" and "light no feed" options (9650)
- Lost communication alarm Hebrew UI (9115)
- Hebrew UI (8344)
- Water consumption presentation at WEB (9863)
- Light Table and Feed Table presentation within Platinum Version 5.18 (9838)
- Line Modem "Keep Alive" call functionality disable in case Communicator-2 Power Board was not upgraded to Ver. 1.11
- "Lost Communication to All controllers", "Lost Communication to House #" Alarm Generation

Known Anomalies

Description	Workaround
In the table "Analog Output Installation" we get "Zone Inlet Open" instead "Zone Inlet"	Refer as "Zone Inlet"
In Nipple Flushing table missing a parameter "Water Temperature"	View/Modify a parameter "Water Temperature" through the controller UI
Relays/Switch info is not correct at Hardware Checklist	Check proper info at controller itself

Release Specifications:

Product Name	Communicator-2
Software Version	4.7.3.17
Supported Hardware	Communicator-2
Communication Software	NA
Release Date	20-Nov-24
Supported Controllers	See Appendix A
Supported Languages	See Appendix A

Appendix A: Supported Controllers and Languages

<u>Software</u>	<u>Languages</u>	<u>Product</u>	<u>Version</u>
Communicator-2 4.7.3.17	English Chinese Spanish Portuguese Russian Hebrew Arab Korean Italian	Platinum 5.x	5/6/7.12
		Platinum Pro 6.x	5/6/7.14
		Platinum Touch, Rotem One 7.x	5/6/7.17
		Broiler + Breeder + Layers + Pigs	5/6/7.18
			5/6/7.19, 5.19.06
			6/7.20
			6/7.22
			6/7.22
			6/7.23
			6/7.24
			6/7.27 - candidate
		AC-2000 3G	9.12
		Broiler	9.14
			9.17
			9.18
			9.19
		AC2000 Plus and SE	8.11 Broiler
		Broiler + Breeder + Pigs	8.11 Breeder
			8.11 Pigs
		RSW-2 GP/Broiler	7.02
			7.03
		Superguard Plus WEB	2.11
		Piguard Plus 80/81/82 WEB	
		Superguard WEB	2.11
		Piguard 80 WEB	
		Element	Element 1.03
			Element 1.04
Smart 8C/10D	2.06		

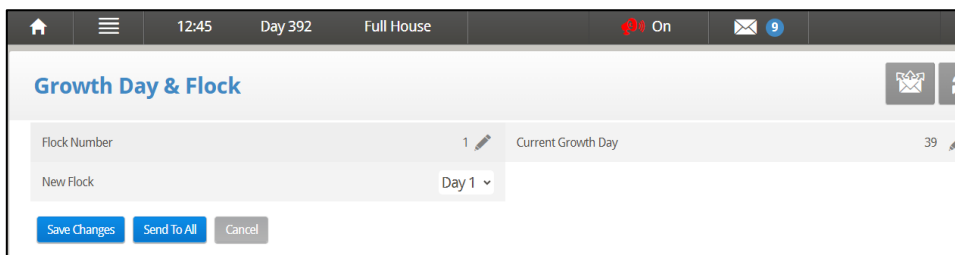
Appendix B: Support for hourly water consumption

Version 4.7.2 supports displaying the Total Water Per Hour

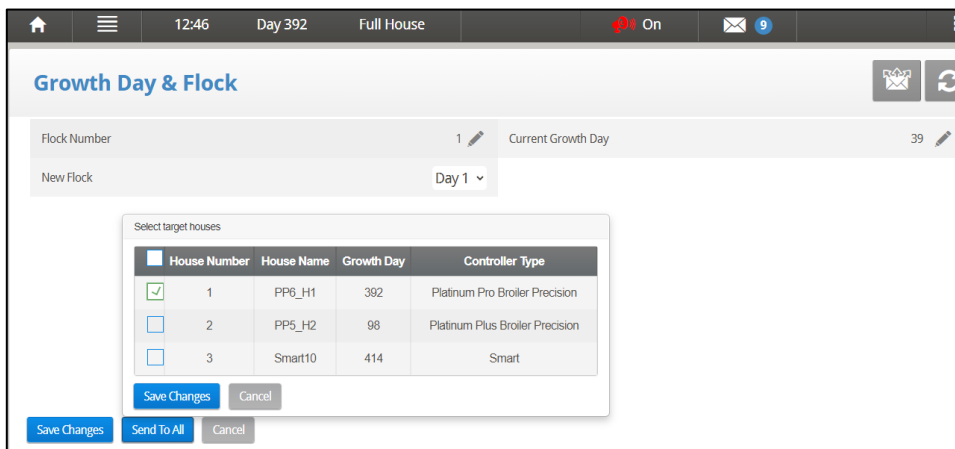
Munters		Win.X64.T1						
Comparison		House 1	House 2	House 3	House 4	House 5	House 6	House 7
House 1	Outside Temperature	11.2 C°	11.2 C°	11.2 C°	11.2 C°	11.2 C°	11.2 C°	11.2 C°
House 1	Vent. Mode	Minimum Vent.	Minimum Vent.	Minimum Vent.	Minimum Vent.	Minimum Vent.	Minimum Vent.	Minimum Vent.
House 2	Vent. Level	1630	1630	1630	1630	1630	1630	1630
House 3	Vent. Level CFM	152,910	152,910	152,910	152,910	152,910	152,910	152,910
House 4	Status	Off	Off	Off	Off	Off	Off	Off
House 5	Cycle Time	135	120	119	119	117	143	141
House 6	Set Temperature	26.0 C°	26.0 C°	26.0 C°	26.0 C°	26.0 C°	26.0 C°	26.0 C°
House 7	Target Pressure	29	29	29	29	29	29	29
House 8	Humidity Treatment	Off	950	Off	Off	Off	Off	Off
	Daily Water	22772	22778	22778	22779	22779	22769	22770
	Total Water Per Hour	949	950	950	950	950	948	948
	Average Weight	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Appendix C: Support for Growth Day at Send-to-All

1. Go to Management > Growth Day & Flock.



2. Edit as required and click **Send to All**.



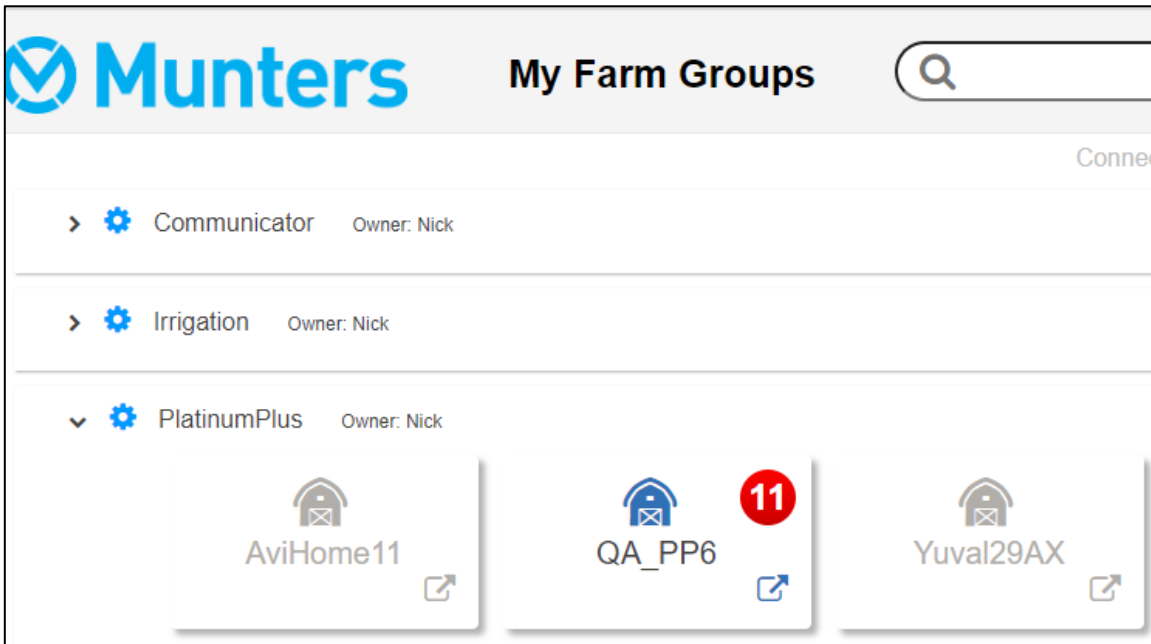
House Number	House Name	Growth Day	Controller Type	
<input checked="" type="checkbox"/>	1	PP6_H1	392	Platinum Pro Broiler Precision
<input type="checkbox"/>	2	PP5_H2	98	Platinum Plus Broiler Precision
<input type="checkbox"/>	3	Smart10	414	Smart

2. Select the houses in which the change applies and click **Save Changes**.

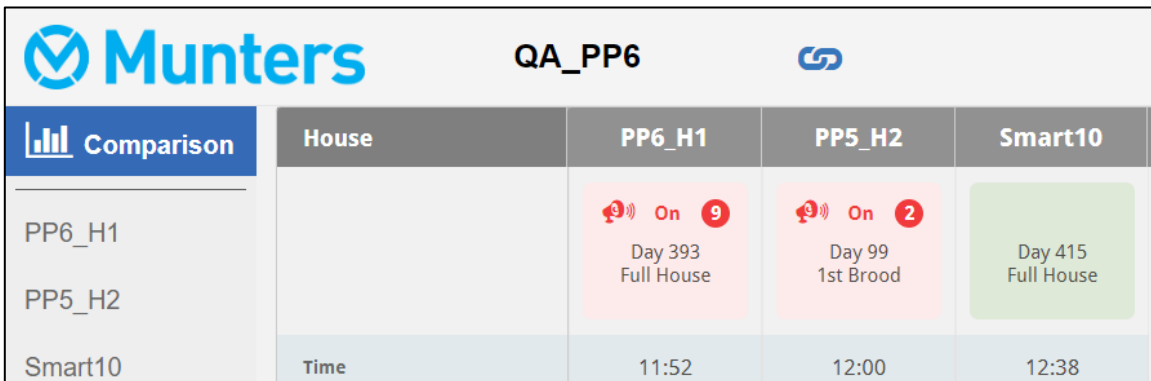
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Appendix D: Support for Alarm Notification for Farm Info

When viewing the |Farm Groups page, Version 4.7.2 displays the number of alarms in each active farm.



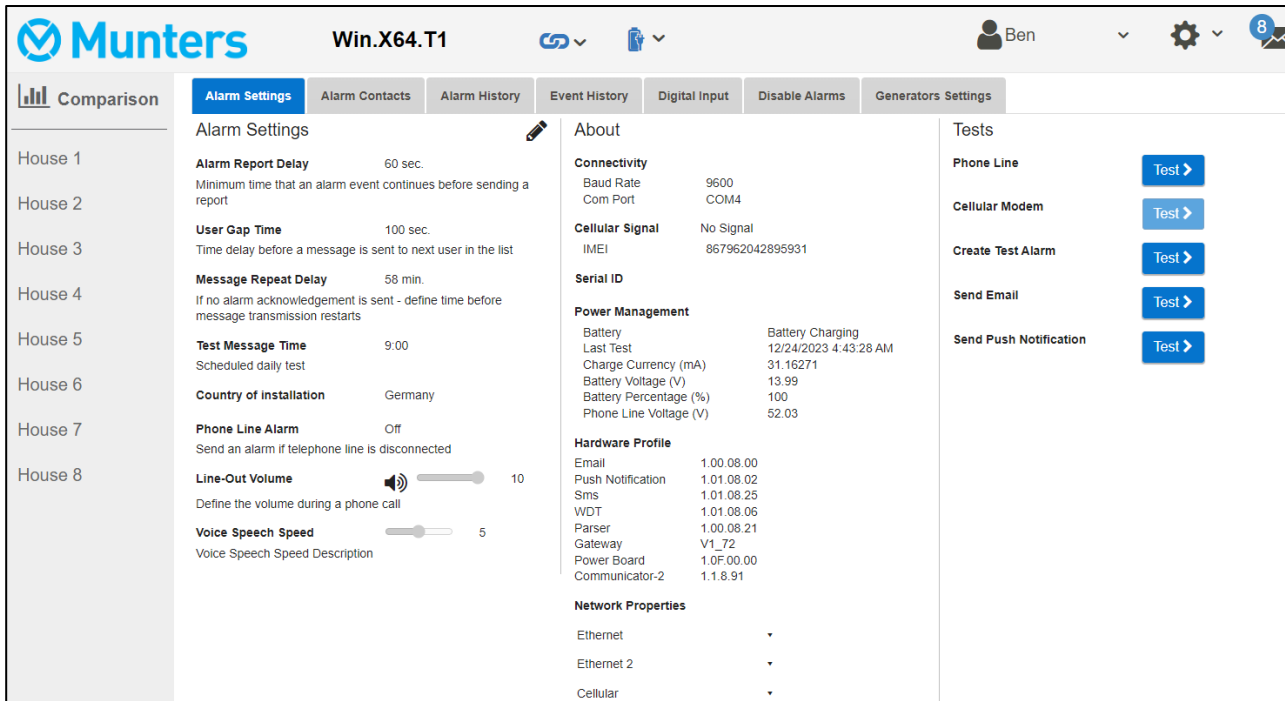
Click the farm to go to the Comparison page and there the number of alarms in each controller is displayed.



Munters		QA_PP6		
Comparison	House	PP6_H1	PP5_H2	Smart10
PP6_H1		 On 9 Day 393 Full House	 On 2 Day 99 1st Brood	Day 415 Full House
PP5_H2				
Smart10	Time	11:52	12:00	12:38

NOTE The number of alarms shown on the Farm Groups page may differ slightly from the actual number of alarms.

Appendix E: Support for Phone Line voltage measurement indication



The screenshot shows the Munters Win.X64.T1 web interface. The top navigation bar includes the Munters logo, the device name 'Win.X64.T1', and user information 'Ben'. Below the navigation bar are tabs for 'Comparison', 'Alarm Settings', 'Alarm Contacts', 'Alarm History', 'Event History', 'Digital Input', 'Disable Alarms', and 'Generators Settings'. The 'Alarm Settings' tab is active, displaying settings for eight houses (House 1 to House 8). The 'About' section is also visible, showing details for 'Connectivity', 'Cellular Signal', 'Serial ID', 'Power Management', 'Hardware Profile', and 'Network Properties'. The 'Power Management' section includes 'Battery Charging', 'Last Test', 'Charge Currency (mA)', 'Battery Voltage (V)', 'Battery Percentage (%)', and 'Phone Line Voltage (V)'. The 'Hardware Profile' section lists 'Email', 'Push Notification', 'Sms', 'WDT', 'Parser', 'Gateway', 'Power Board', and 'Communicator-2'. The 'Network Properties' section lists 'Ethernet', 'Ethernet 2', and 'Cellular'. The 'Tests' section on the right includes 'Phone Line', 'Cellular Modem', 'Create Test Alarm', 'Send Email', and 'Send Push Notification', each with a 'Test' button.

- The screen displays the current alarm settings along with Communicator 2.0 parameter settings.
- Version 4.7.2.10: This version includes the following power management specifications: Charge Currency, Battery Voltage, Battery Percentage, and Phone Line Voltage. The last specification is critical for proper line modem functionality.

Appendix F: Support for indication on Communicator-2 Power Board firmware version

User can detect if his Comm-2 has an upgraded Comm-2 Main Board supporting NEW Line Modem

These two services indicate the NEW Line modem (H2) support:

Power Board 1.0F.00.00

Communicator-2 1.1.9.4

Presented at: Alarm Settings – Hardware Profile section:

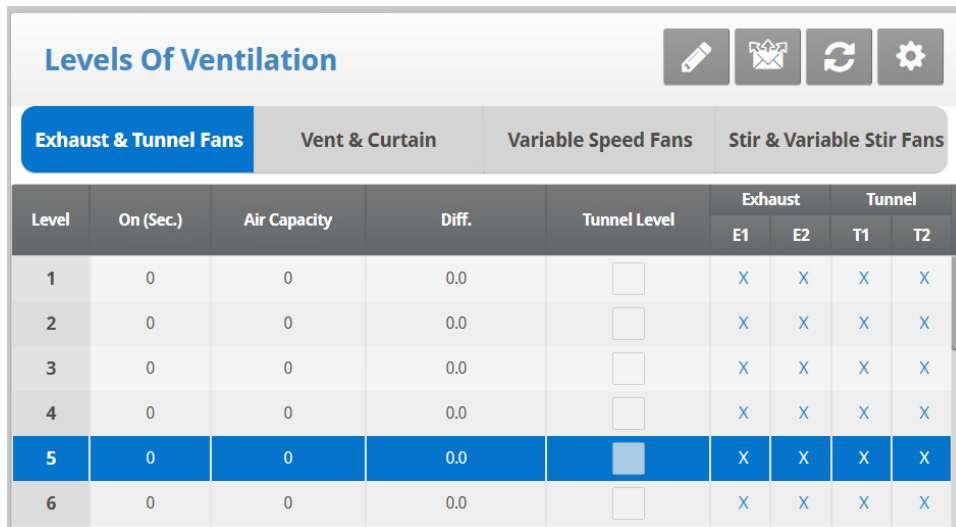
Appendix G: Support for Modal tool to shift temperature differentials

Version 4.7.2 supports Modal functionality in Platinum Pro/Platinum Touch/Rotem Pro/Rotem One controllers. Modal enables defining the differential temperature in Levels of Ventilation in a range of ventilation levels. The differential level triggers the next level of ventilation according to difference from target temperature (time delays remain in effect).

NOTE Modal only is available when a user is connected to a controller via a CommBox or via the web. It is not available when managing the controller locally.

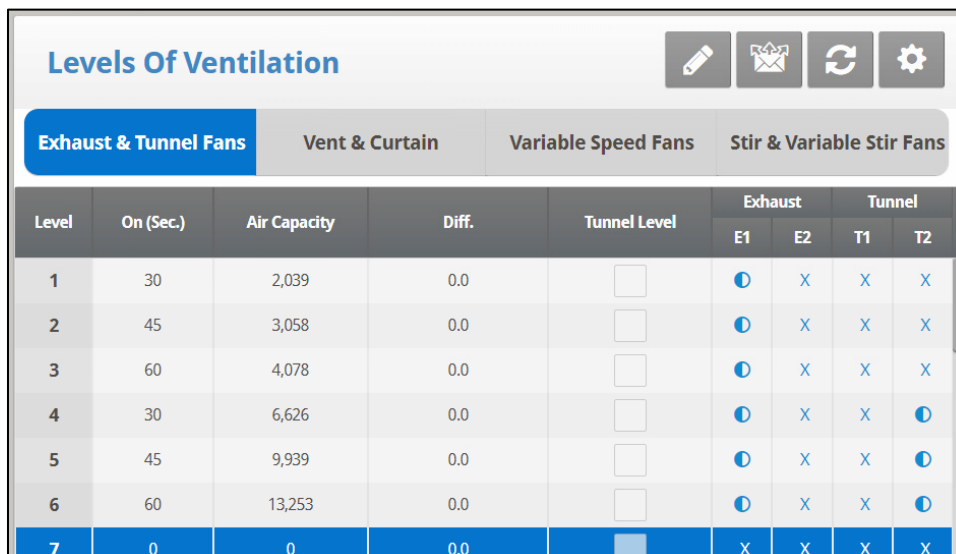
➡ In Platinum System > Relays or System > Analog Output, define exhaust fans and tunnel fans as required.

1. Go to System > Levels of Ventilation.



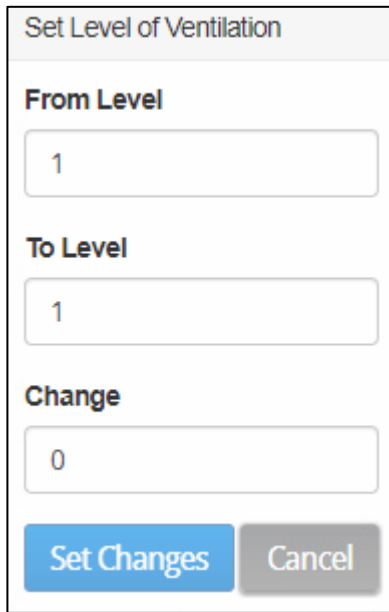
Level	On (Sec.)	Air Capacity	Diff.	Tunnel Level	Exhaust		Tunnel	
					E1	E2	T1	T2
1	0	0	0.0	<input type="checkbox"/>	X	X	X	X
2	0	0	0.0	<input type="checkbox"/>	X	X	X	X
3	0	0	0.0	<input type="checkbox"/>	X	X	X	X
4	0	0	0.0	<input type="checkbox"/>	X	X	X	X
5	0	0	0.0	<input checked="" type="checkbox"/>	X	X	X	X
6	0	0	0.0	<input type="checkbox"/>	X	X	X	X

2. Define the On time and the exhaust/tunnels as required (refer to the controller manuals for details). Note: Air Capacity is read-only.



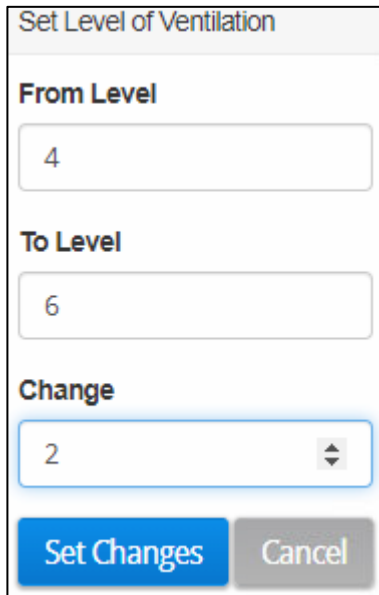
Level	On (Sec.)	Air Capacity	Diff.	Tunnel Level	Exhaust		Tunnel	
					E1	E2	T1	T2
1	30	2,039	0.0	<input type="checkbox"/>	D	X	X	X
2	45	3,058	0.0	<input type="checkbox"/>	D	X	X	X
3	60	4,078	0.0	<input type="checkbox"/>	D	X	X	X
4	30	6,626	0.0	<input type="checkbox"/>	D	X	X	D
5	45	9,939	0.0	<input type="checkbox"/>	D	X	X	D
6	60	13,253	0.0	<input type="checkbox"/>	D	X	X	D
7	0	0	0.0	<input checked="" type="checkbox"/>	X	X	X	X

3. Click the edit icon  . The Set Level of Ventilation screen appears.



The screenshot shows a form titled "Set Level of Ventilation". It contains three input fields: "From Level" with the value "1", "To Level" with the value "1", and "Change" with the value "0". At the bottom, there are two buttons: "Set Changes" (highlighted in blue) and "Cancel" (greyed out).

4. Define the levels at which the differential is changed and the differential.
Note: The first several levels normally have differential temperatures set to 0.



The screenshot shows the same "Set Level of Ventilation" form, but with updated values: "From Level" is "4", "To Level" is "6", and "Change" is "2". The "Change" field is a dropdown menu with a small arrow icon on the right. The "Set Changes" button is highlighted in blue, and the "Cancel" button is greyed out.

The changes appear on the Levels of Ventilation screen.

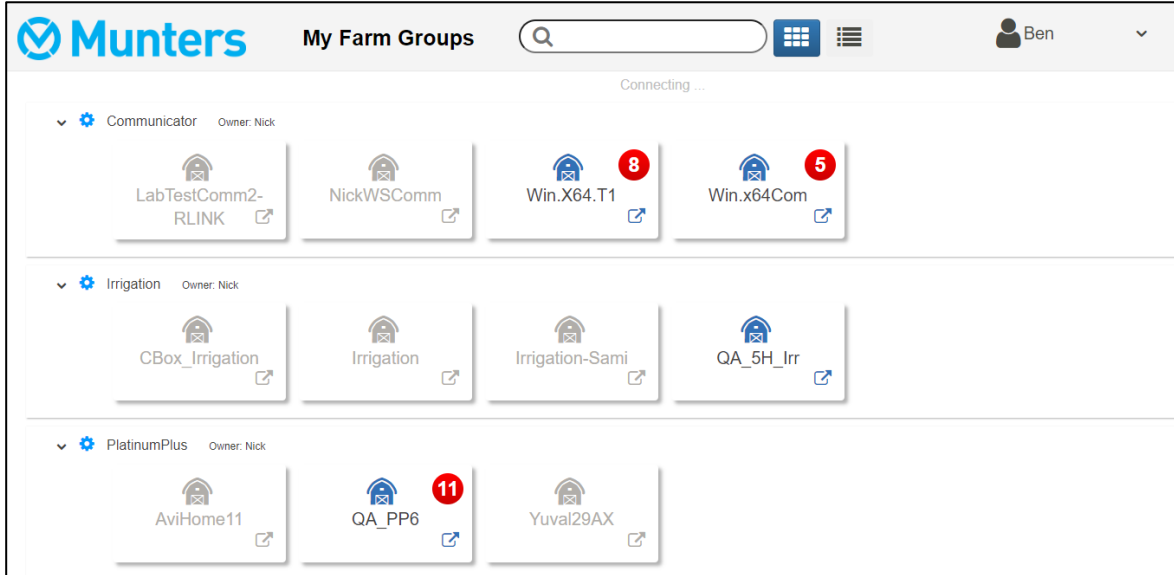
Levels Of Ventilation									
Exhaust & Tunnel Fans Vent & Curtain Variable Speed Fans Stir & Variable Stir Fans									
Level	On (Sec.)	Air Capacity	Diff.	Tunnel Level	Exhaust		Tunnel		
					E1	E2	T1	T2	
1	30	2,039	0.0	<input type="checkbox"/>	<input checked="" type="radio"/>	X	X	X	
2	45	3,058	0.0	<input type="checkbox"/>	<input checked="" type="radio"/>	X	X	X	
3	60	4,078	0.0	<input type="checkbox"/>	<input checked="" type="radio"/>	X	X	X	
4	30	6,626	2.0	<input type="checkbox"/>	<input checked="" type="radio"/>	X	<input checked="" type="radio"/>	X	
5	45	9,939	2.0	<input type="checkbox"/>	<input checked="" type="radio"/>	X	<input checked="" type="radio"/>	X	
6	60	13,253	2.0	<input type="checkbox"/>	<input checked="" type="radio"/>	X	<input checked="" type="radio"/>	X	
7	0	0	0.0	<input type="checkbox"/>	X	X	X	X	

At levels 4, 5, and 6 ventilation goes to the next level when the temperature is 2 degrees about the tunnel or target temperature (depending on if the level is below or above the tunnel level. Refer to the Platinum manuals for details).

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Appendix H: Support for Farm view by grid or list method

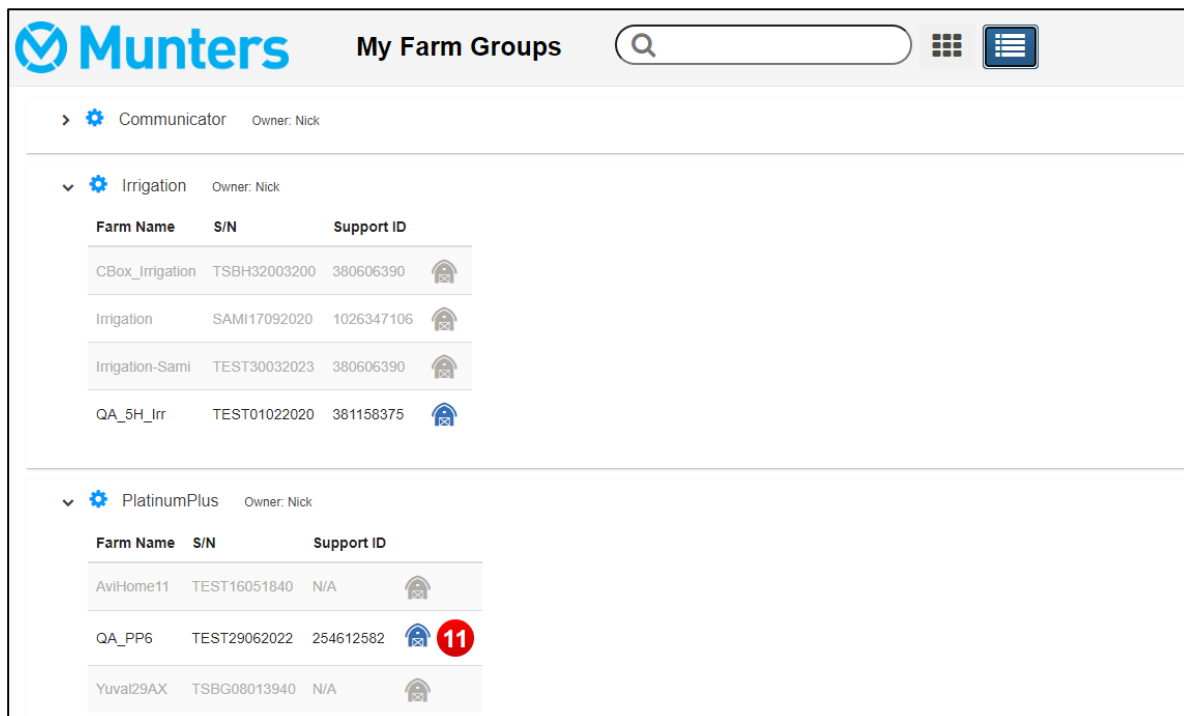
Farms can be displayed in a grid (click ) or in a list (click )



My Farm Groups | Connecting ...

- Communicator** (Owner: Nick)
 - LabTestComm2-RLINK
 - NickWSComm
 - Win.X64.T1 (8)
 - Win.x64Com (5)
- Irrigation** (Owner: Nick)
 - CBox_Irrigation
 - Irrigation
 - Irrigation-Sami
 - QA_5H_Irr
- PlatinumPlus** (Owner: Nick)
 - AviHome11
 - QA_PP6 (11)
 - Yuval29AX

Grid View



My Farm Groups

- Communicator** (Owner: Nick)
- Irrigation** (Owner: Nick)

Farm Name	S/N	Support ID
CBox_Irrigation	TSBH32003200	380606390
Irrigation	SAMI17092020	1026347106
Irrigation-Sami	TEST30032023	380606390
QA_5H_Irr	TEST01022020	381158375
- PlatinumPlus** (Owner: Nick)

Farm Name	S/N	Support ID
AviHome11	TEST16051840	N/A
QA_PP6	TEST29062022	254612582 (11)
Yuval29AX	TSBG08013940	N/A

List View


Appendix I: Support for Farm Alarm settings change in Event History

Communicator 2.0 Version 4.7.2 generates an event when houses are scanned. The event displays which houses are scanned. In the following example, houses 1 – 6 and 8 are scanned.

If the user changes the settings for the houses to be scanned, the vent will be registered

The farm is connected to the web Disconnect Software Update

Time zone

Number Of Houses To Be Scanned  Edit

House Number	House Name	House Number	House Name
<input checked="" type="checkbox"/> 1	<input type="text" value="House 1"/>	<input type="checkbox"/> 17	House 17
<input checked="" type="checkbox"/> 2	<input type="text" value="House 2"/>	<input type="checkbox"/> 18	House 18
<input checked="" type="checkbox"/> 3	<input type="text" value="House 3"/>	<input type="checkbox"/> 19	House 19
<input checked="" type="checkbox"/> 4	<input type="text" value="House 4"/>	<input type="checkbox"/> 20	House 20
<input checked="" type="checkbox"/> 5	<input type="text" value="House 5"/>	<input type="checkbox"/> 21	House 21
<input checked="" type="checkbox"/> 6	<input type="text" value="House 6"/>	<input type="checkbox"/> 22	House 22
<input type="checkbox"/> 7	House 7	<input type="checkbox"/> 23	House 23
<input checked="" type="checkbox"/> 8	<input type="text" value="House 8"/>	<input type="checkbox"/> 24	House 24
<input type="checkbox"/> 9	House 9	<input type="checkbox"/> 25	House 25

The following screen displays the event.

Munters NickDev_CB2024 Farm Owner

Comparison | Alarm Settings | Alarm Contacts | Alarm History | **Event History** | Digital Input | Disable Alarms | Generators Settings

House 1 | House 2 | House 3 | House 4 | House 5

Refresh

Event Date	Event
19/02/2024 15:53:25	Alarm Controllers Service -> User Set Active Alarms service to houses: 1,2,3,4,5,6,8.
19/02/2024 15:53:25	Alarm Controllers Service -> Alarms service found houses: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32.
19/02/2024 15:51:23	Alarm Controllers Service -> User Set Active Alarms service to houses: 1,2,3,4,5,8.
19/02/2024 15:51:15	Alarm Controllers Service -> Alarms service found houses: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32.
19/02/2024 15:51:13	Alarm System -> Start On.