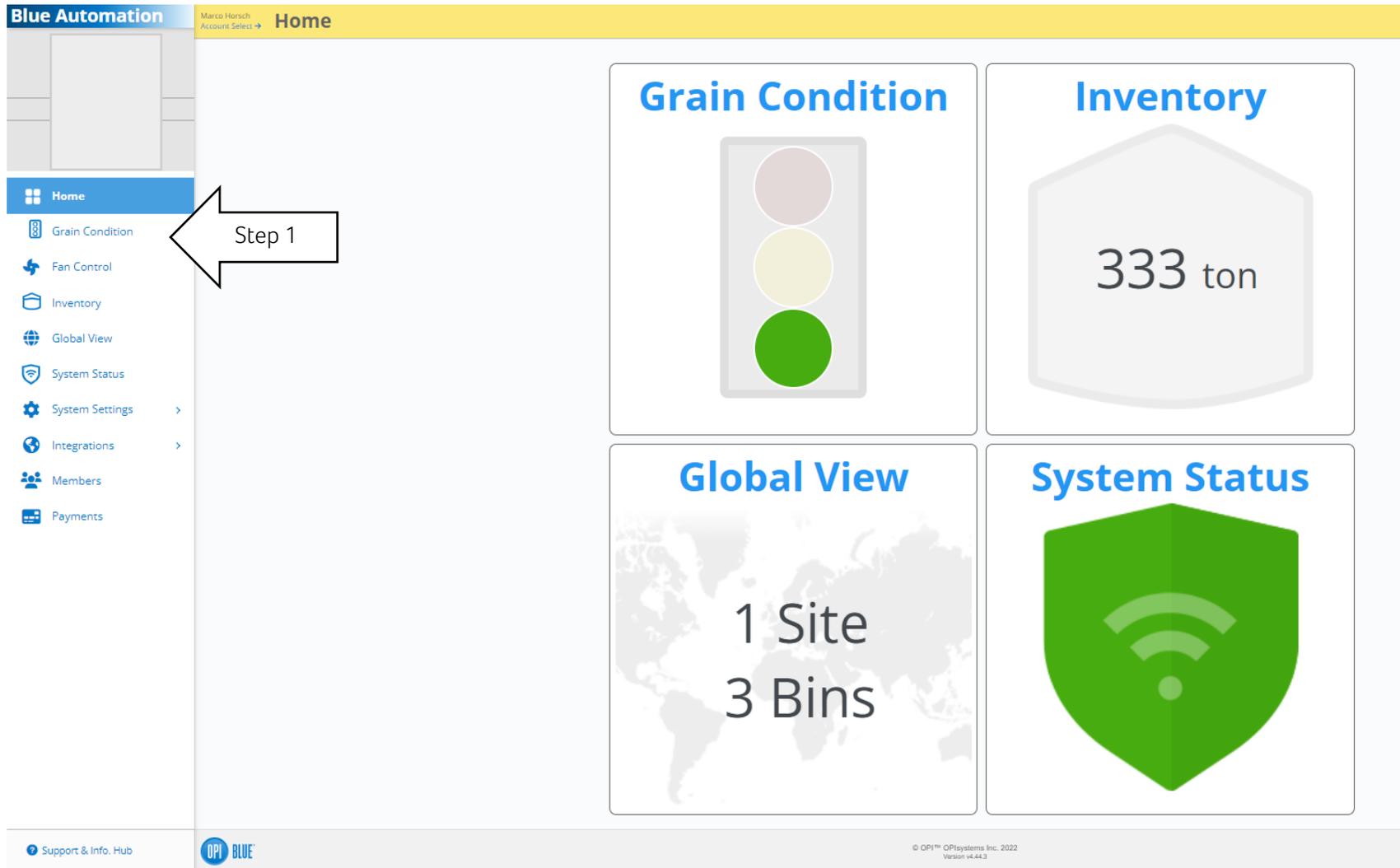


## First steps in our OpiBlue system

### Fruits:

Barley	Gerste
Wheat	Weizen
Canola	Raps
Rye	Roggen
Corn	Körnermais
Soybean	Sojabohnen
Chickpea	Kichererbsen
Lentil	Linsen

Fördern, lagern, trocknen, managen. Anders einfach.



**After successfully logging in, you will see this start page**

Step 1: To make settings on your silo system, please press the "Grain Condition" button

Fördern, lagern, trocknen, managen. Anders einfach.

**Blue Automation** Marco Horsch Account Select → **Bin Data**

< Prev Bin Silo 1 Next Bin > **Table View** Charts 3D View **Bin Info** ← Step 3

Grain Type: Corn

Current Temperature: Max Grain Temp: N/A, Avg Grain Temp: N/A, Ambient Temp: 31.1°C

Current Moisture Content: Ambient EMC: 8.9%

Current Fan Status: Mode: Manual, Status: Off

Plenum Pressure: -0.1wv, EMC: Predicted: 8.7%, Fan: 8.7%, Heater: 4.7%

TAKEN AT Jul 25 2022 10:16 AM Data Filter: In-Grain All

Readings:  Temperature  Relative Humidity  Moisture Content

TEMPERATURE READINGS

Sensor	MOISTURE		TEMPERATURE
	120°	240°	Radius A
S6			0°
S5		40.5	39.0
S4	38.6	37.2	38.0
S3	36.7	35.0	36.4
S2	34.0	32.1	34.3
S1	30.3	30.3	31.1

RELATIVE HUMIDITY READINGS

Sensor	MOISTURE	
	120°	240°
S6		
S5	25.7	27.5
S4	28.6	29.9
S3	33.6	33.3
S2	37.2	37.4
S1	43.3	42.6

MOISTURE CONTENT READINGS

Sensor	MOISTURE	
	120°	240°
S6		
S5	7.2	7.5
S4	7.6	7.8
S3	8.3	8.3
S2	8.8	8.9
S1	9.7	9.6

Time Frame: 1d 1w 2w 1m 3m 6m 1y fill custom 07/14/2022 07/21/2022

Jul 14 2022 01:00 PM Jul 21 2022 01:00 PM

Slow Normal Fast

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← Step 2

Step 2: Now press the "BinData" button to get a first overview of the temperatures in the grain

Step 3: Then open the "Bin Info" window with a left click

Fördern, lagern, trocknen, managen. Anders einfach.

Blue Automation

Marco Horsch  
Account Select → **Bin Data**

< Prev Bin **Silo 1** Next Bin >

Table View | Charts | 3D View | Bin Info

<b>Grain Type</b> Corn	<b>Current Temperature</b> Max Grain Temp: N/A Avg Grain Temp: N/A Ambient Temp: 31.1°C	<b>Current Moisture Content</b> Ambient EMC: 8.9%	<b>Current Fan Status</b> Mode: Manual Status: Off	<b>Plenum</b> Pressure: -0.1wc EMC: Predicted: 8.7% Fan: 8.7% Heater: 4.7%
---------------------------	--	--	--	---

**Bin Details** | Fan Control History | Alarms

Description: 1506

**Grain Type:** Corn

**Initial Fill Date:** Oct 3 2021

Price/ton: \$0.00

Total Value: \$0

Bin Fill Volume: 0.000 / 80.000 ton

Grain Level Source: Auto detect

**Edit**

By clicking on the arrow, you can select other silos at your location

Step 4

→ You have now reached the overview page for one of your silos. The stored fruit type and the filling date is often outdated and mostly comes from the entries of the last year

Step 4: To change this, please press the "Edit" button

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Blue Automation Marco Hirsch Account Select → Sites and Bins Weather Fans Alarms

Sites Bins + Create a Bin

Filter: Name, Description, Grain Type, Site Name, Cable Node MAC

**Silo 1** Edit Duplicate Delete

Overview | Grain Info | Parameters | Alarm Details | Cables | Fans & Heaters | Plenum

Type: Flat Bottom Bin  
Description: 1506  
Fan: Centrifugal, 15 HP  
Site: Siloanlage Sitzenhof

**Silo 2** Edit Duplicate Delete

Overview | Grain Info | Parameters | Alarm Details | Cables | Fans & Heaters | Plenum

Type: Flat Bottom Bin  
Description: 3606  
Site: Siloanlage Sitzenhof

**Silo 3** Edit Duplicate Delete

Overview | Grain Info | Parameters | Alarm Details | Cables | Fans & Heaters | Plenum

Type: Flat Bottom Bin  
Description: 3606  
Diameter: 36 ft  
Peak Height: 33 ft  
Eave Height: 20 ft  
Fan: Centrifugal, 20 HP  
Site: Siloanlage Sitzenhof

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Step 5: Important settings for each individual silo can now be made using the "Edit" button

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Blue Automation Marco Horsch Account Select **Sites and Bins** Weather Fans Alerts

**Sites** **Bins** + Create a Bin

Filter: Name, Description, Grain Type, Site Name, Cable Node MAC

Step 1: Edit Bin Details

To create a Bin, please enter the details below.

**Bin Name \***  **1**

**Type \*** Flat Bottom Bin

**Bin Site (Add to Existing) \*** Siloanlage Sitzenhof

**Description** 1506 (optional)

**Bin Diameter (ft.)**  What's this?

**Bin Peak Height (ft.)**  What's this?

**Bin Eave Height (ft.)**  What's this?

**Fan Type** Centrifugal

**Fan Horsepower**  **2**

**Fan Make/Model** SUKUP 15 hp, 1750 rpm Reset Fan Info

Next Step >  
Cancel

Step 2: Edit Grain Info

Field 1: Here you can check the name of your silo, which is already created during the final inspection

Field 2: Please check whether values are entered here. If not, please contact us. If entries have already been entered, you can go one step further by clicking the "Next Step" button.

The screenshot displays the 'Sites and Bins' configuration page in the Blue Automation system. The 'Bins' tab is selected, and the configuration process is in Step 1: Edit Bin Details. The 'Meter Type' is set to 'Oven' (labeled 1), 'Grain Type' is 'Barley' (labeled 2), and 'Class' is 'Barley' (labeled 3). The 'Grain Curve' is set to 'Barley-O1'. A 'Next Step >' button is available to proceed. The interface also shows a sidebar with navigation options and a top navigation bar with user information and system status icons.

Field 1: The "Oven" measurement method should be selected here.

Field 2: Here you can select your desired type of fruit that you have stored

Field 3: For wheat, you can select subspecies such as durum, summer wheat, etc.

➔ To accept your entries, please click the "Next Step" button again

Blue Automation Marco Horst Account Select Sites and Bins Weather Fans Alarms

Sites Bins + Create a Bin

Filters: Name, Description, Grain Type, Site Name, Cable Node MAC

✓ Step 1: Edit Bin Details  
 ✓ Step 2: Edit Grain Info  
 ^ Step 3: Edit Bin Parameters

Please enter the bin parameter details below. If you do not want to enter this now, you may skip this step.

Initial Fill date: 2021/10/03 **1** Bin Capacity (ton): 80,000 **Next Step >**  
 Bin Fill Volume (ton):  Auto-detect  Set Manually Cancel

Price/ton

June 2022

Su	Mo	Tu	We	Th	Fr	Sa
			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		

Selected date  Today's date Cancel

Silo 2 **Edit Duplicate Delete**

**Overview** | Grain Info | Parameters | Alarm Details | Cables | Fans & Heaters | Plenum

Type: Flat Bottom Bin  
 Description: 3606  
 Site: Siloanlage Sitzenhof

Silo 3 **Edit Duplicate Delete**

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Field 1: In order to store the correct filling date, please select the correct date here. Use the calendar for this

➔ "Next Step" to go one step further

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The screenshot shows the 'Sites and Bins' configuration page in the Blue Automation system. The 'Bins' tab is selected. A progress bar indicates that steps 1, 2, and 3 are completed, and step 4, 'Edit Alarm Details', is currently active. Under step 4, there is a section for selecting alarm types. The 'Maximum Temperature Reached' checkbox is checked, and the 'Maximum Rate of Rise' checkbox is unchecked. The 'Maximum Temperature (°C)' field is set to 30,0. The 'Moisture Content Offset' field is set to 0,0. A 'Next Step >' button is visible, along with an 'Update Bin' button at the bottom.

Under the Step 4, humidity deviations are adjusted. Under "Moisture Content Offset" you can change the grain moisture you measured using the temperature cables in the silo

Example:

temperature cable value

value measured by you

change in the system

11%

12%

+1%

11%

10%

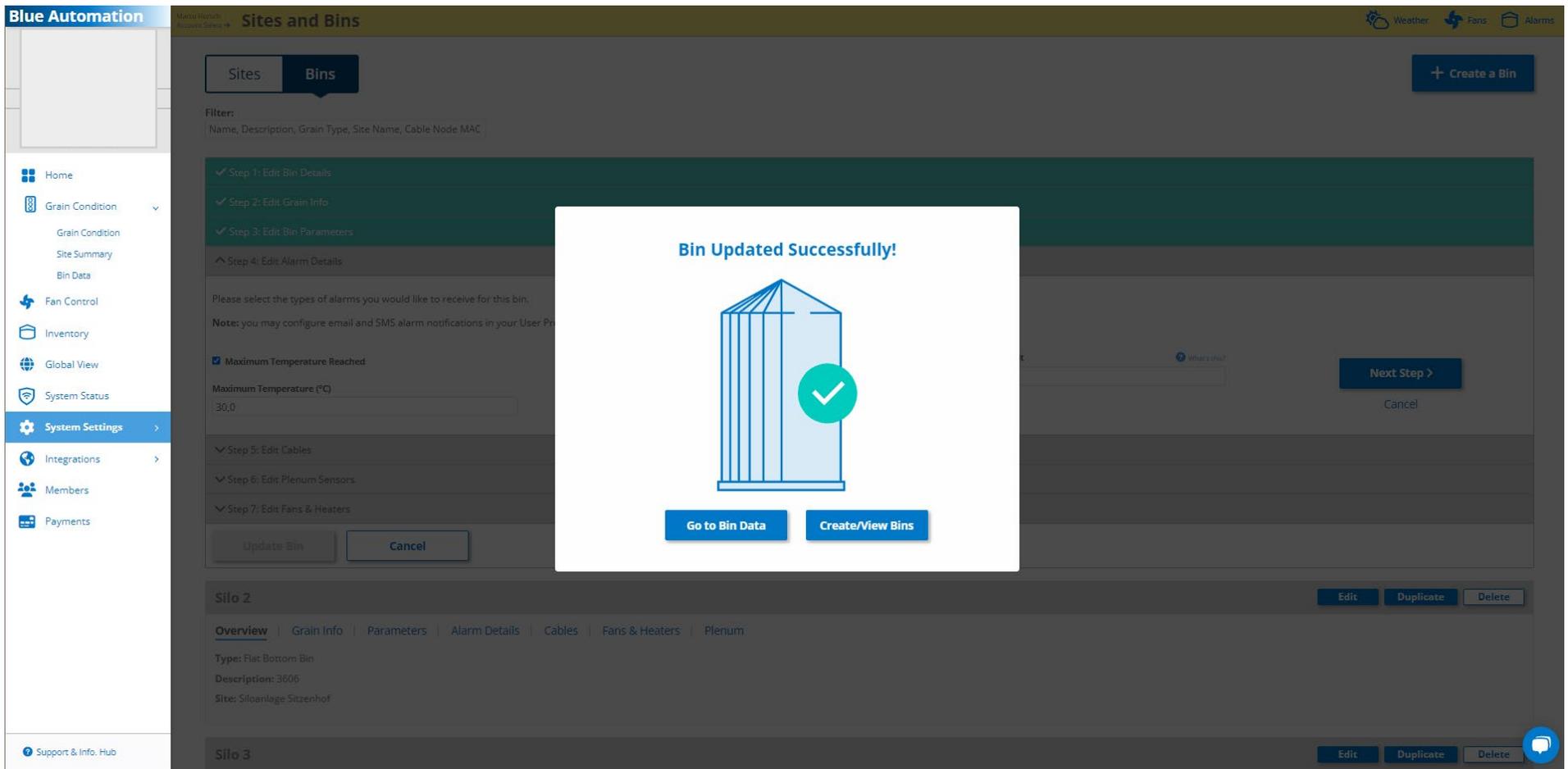
-1%

➔ "Next Step" to go one step further

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The screenshot displays the 'Bins' configuration interface. At the top, there are tabs for 'Sites' and 'Bins', and a '+ Create a Bin' button. Below this is a filter input field with the text 'Filter: Name, Description, Grain Type, Site Name, Cable Node MAC'. The main area shows a progress bar with seven steps: Step 1: Edit Bin Details, Step 2: Edit Grain Info, Step 3: Edit Bin Parameters, Step 4: Edit Alarm Details, Step 5: Edit Cables, Step 6: Edit Plenum Sensors, and Step 7: Edit Fans & Heaters. Steps 1-4 are marked with checkmarks and are highlighted in green, while steps 5-7 are marked with downward arrows and are highlighted in grey. Below the progress bar, there are two buttons: 'Update Bin' (highlighted with a red box) and 'Cancel'. At the bottom, there is a section for 'Silo 2' with buttons for 'Edit', 'Duplicate', and 'Delete', and a list of tabs: 'Overview', 'Grain Info', 'Parameters', 'Alarm Details', 'Cables', 'Fans & Heaters', and 'Plenum'.

➔ After successfully completing Step 4, you can save the entered data under "Update Bin".



➔ If all data has been successfully transmitted, you will see this screen display.

Fördern, lagern, trocknen, managen. Anders einfach.