

MULTIPLEX PORTAL CONFIGURATION INDUSTRIAL LAUNDRY DOSING SYSTEM



INSTALLATION - SETUP

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2

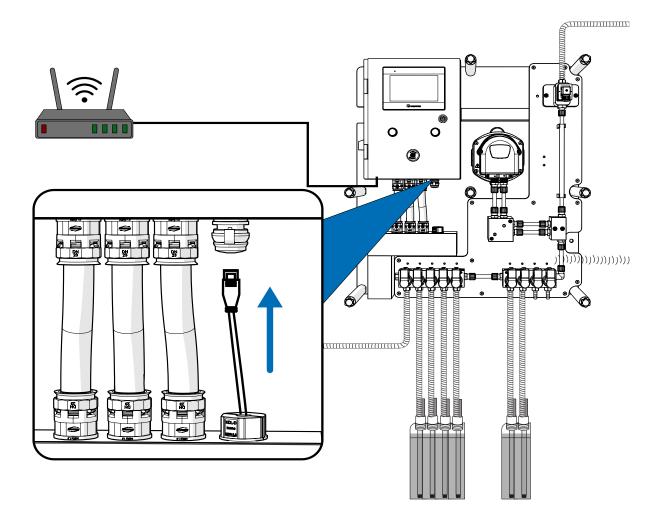
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CONNECTING YOUR MULTIPLEX UNIT TO THE CLOUD

To utilise the cloud system for your Multiplex unit you will need to have a valid internet connection connected via the Ethernet slot on the bottom of the control cabinet.



Please allow up to 5 minutes for the unit to establish a connection to the cloud service before trying to connect.

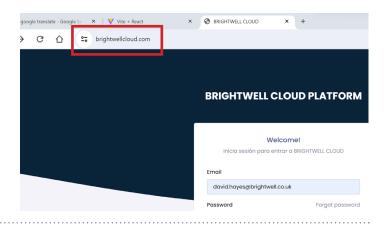
If you do not have an internet connection, or cannot connect to your unit. Please refer to either our **Web Server Configuration Tool Instruction Manual** that allows you to setup your unit via the built in configuration tool for **Multiplex 1 and 1 Pro**, or our **On Board Screen Configuration Manual** for **Multiplex 2 and 2 Pro**.

CLOUD OVERVIEW AND INFORMATION

The Multiplex system operates via synchronisation of the on board data with our cloud system. Once the unit has been successfully connected to the internet it will automatically synchronise all the configuration and statistical data, allowing for real time streaming of configuration and detailed information of the unit as it runs.

All that is required is a standard web browser (chrome, edge etc) and you can manage your units from any location as desired. The administration account will be setup prior to your unit being shipped and this information will be sent to you, allowing you to setup companies, users and areas as desired.

CONNECTING TO THE CLOUD



STEP1

Navigate to <u>http://brightwellcloud.com</u> using a suitable web browser.

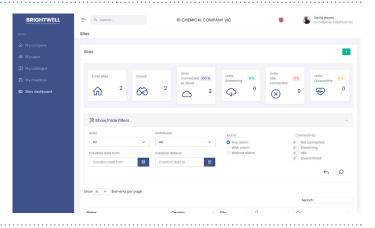
STEP 2

Enter the log in details for your account. (These will be provided to you during the ordering process. Please contact your Brightwell representative if you do not have these).



STEP 3

You will now see the main drop page for your Multiplex setup. We will break down the navigation options below.



HOME PAGE OVERVIEW

	2 = Q Search	01 CHEMICAL COMP	ANY VIC	3 ₩	David Hayes 01 CHEMICAL COMPANY VIC
5) s	ites				
ompany	Sites				6
sers	Sites	7			
ogue tory	Total sites Found	Units Connected 100 %	Units Streaming 0 S	Units % Idle	0% Quarentine 0%
	ûn ² 6∂	2 2		0 (X)	0 🛞 0
	All Creation date from Cre	ributor II ~ ation date to creation date to	Alarm Any alarm With alarr Without a	n	Connectivity Not connected Streaming Idle Quarantined ↓ Ω
L	Show 10 V Elements per page		10		9 Search
	Name	Country î	City 1	¢ ↑,	۵ t _j
	\rm Brightwell Briefcase	Spain	Gurb	Detected	Not connected

- 1 This will shrink or expand the side menu
- 2 Here you can quickly search for units, sites or customers
- **3** If you need to change the language use this icon
- 4 For profile settings or to logout press here
- 5 The side menu lets you move between the different sections of the portal
- 6 To add a new site to your system, press this green icon
- 7 Is a quick overview of your units and statistics
- 8 To filter the below list of sites use this box to set up your chosen parameters
- 9 Another search bar to quickly filter your units
- 10 This lists all current units attached to your Portal system

ACCESSING YOUR COMPANY

BRIGHTWELL	🚍 Q Search	01 CHEMICAL C
	My company	
命 My company	Company	
	Company	
	Main Areas Distributors	
🛱 My inventory	Data	
	BRIGHTWELL	01 CHEMICAL COMPANY VIC info@brightwell.es +34 902 44 50 50 Av. Sant Bartomeu del Grau 13 - 15 Spain, Barcelona, Gurb

STEP 1

To access your company settings use the **My Company** icon in the side navigation bar.

MY COMPANY OVERVIEW

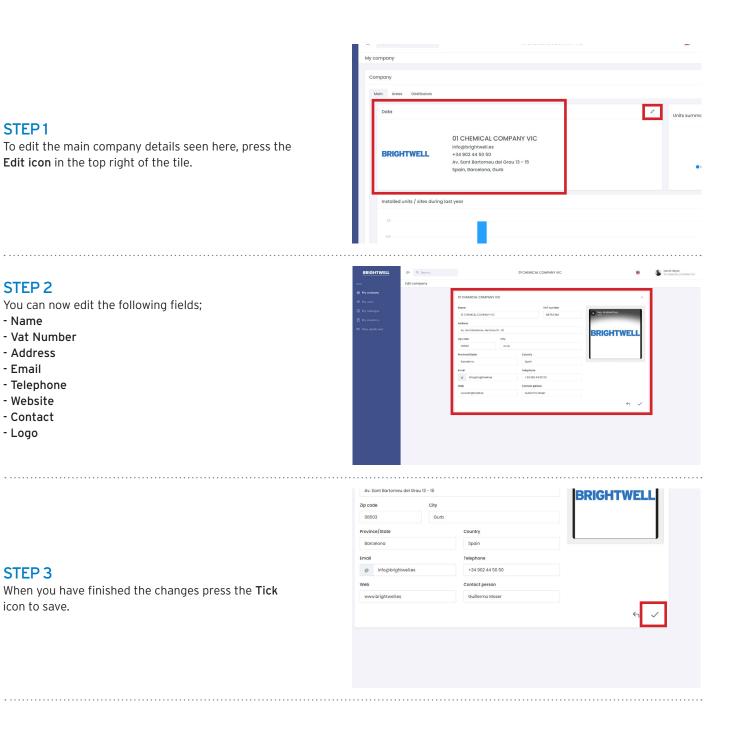
BRIGHTWELL	- Q Search	01 CHEMICAL COMPANY VIC	David Hayes 01 CHEMICAL COMPANY VIC
MENU	My company		
命 My company			
ฝ本 Myusers	Company		
🖽 My catalogue	Main Areas Distributors	2	3
🛱 My inventory	Data		/ Total
🖾 Sites dashboard			Units summary 2
	BRIGHTWELL	OI CHEMICAL COMPANY VIC info@brightwell.es +34 902 44 50 50 Av. Sant Bartomeu del Grau 13 - 15 Spain, Barcelona, Gurb	• industrial Laundry
	Installed units / sites during	ast year	
	10		Units installed
	0.6		
	0.4		
	0.0 , Jan Feb	Mar Apr May Jun Jul Aug Sep Oc	t Nov Dec

1 These tabs allow you to move between the Main page, Areas and Distributors linked to your company

2 Here you can see your current company details

- Is the edit icon allowing you to change your company details
- 4 This is a quick overview of your units
- 5 Is a graph showing number of installations in the previous year

EDITING YOUR COMPANY SETTINGS



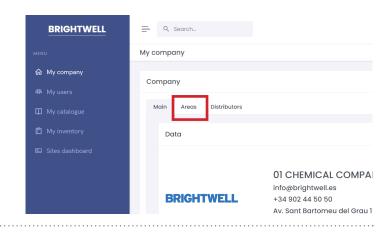
STEP1

- Name

- Email

- Logo

ADDING OR EDITING NEW AREA



STEP 1

To open the **Areas** screen for your company press the **Areas** tab at the top here.

STEP 2

To add a new area press the + icon seen on the right hand side of the tile. To edit an existing area press the **3 dots** next to the area you wish to change. A pop up menu will appear and you can select **Edit**.

	Manage	Users		
Edit 100.0%		Users	t _i u	Sites
	_	0	0	0
	✓ Edit	0	(0
Not assigned to an ar Area assigned	-	0	(0
Previous 1 Next	Previous			

STEP 3

Use the fields provided to set the following details;

- Name
- Area percentage
- Description

STEP 4

Once you are happy press the **Tick icon** to save these settings and create your site.

01 CHEMICAL COMPANY VI



ADDING OR EDITING AN EXISTING DISTRIBUTOR

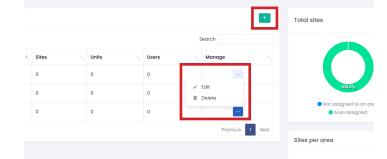
STEP1

To open the **Distributor** screen for your company press the **Distributor** tab at the top here.

BRIGHTWELL	🚍 Q Search	
	My company	
俞 My company	Company	
	Company	
	Main Areas Distributors	
🖞 My inventory	Data	
		01 CHEMICAL COMPA
	BRIGHTWELL	+34 902 44 50 50 Av. Sant Bartomeu del Grau 1

STEP 2

To add a new distributor press the + icon seen in the left hand side of the tile seen here. To edit an existing distributor press the **3 dots** next to the area you wish to change. A pop up menu will appear and you can select **Edit**.



01 CHEMICAL COMPANY VI

rs > Create distributor

STEP 3

Use the fields provided to add the details of your new Distributor, including an icon if required.

Once you are happy press the Tick icon to save these

settings and create your distributor.

Name			VAT number		
NOMBRE			1234	Drag & Drop your files o	r <u>Browse</u>
Address					
Linear 1					
Zip code	City				
1234	CUIDAD				
Province/State		Country			
PROVINCIA		ESPAÑA			
Email		Telephone			
@ Email.com		123456			
Web		Contact person			
www.asd.com		PERSONA			
					√

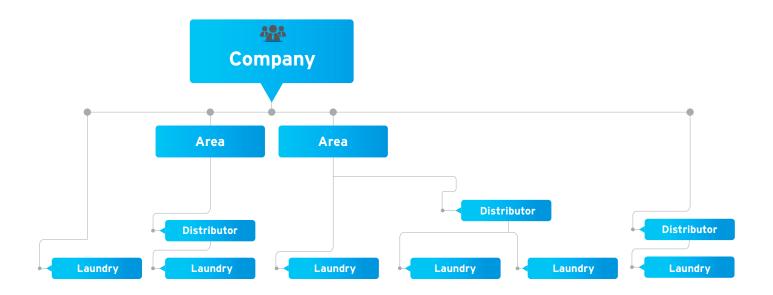
S David Hoyes

		01 CHEMICAL COMPANY VIC	B David Hays
reate distributor			
Create distributor			×
Name		VAT number	Drag & Drop your files or Browse
Address		1234	bing colop you nes of <u>orang</u>
Linear 1			
Zip code	City		
1234	CUIDAD		
Province/State		Country	
PROVINCIA		ESPAÑA	
Emoil		Telephone	
@ Email.com		123456	
Web		Contact person	
www.asd.com		PERSONA	
			← ✓

STEP 4

ACCOUNT PERMISSIONS AND SECURITY

The Multiplex cloud system implements a tiered security system for your company and its users, ensuring that only relevant information and access are enabled for accounts further down the chain. This is explained further in the flowchart below.



Area: Refers to a geographic area or a specific customer that extends over a wide region and is served exclusively by someone without their own customer base.

Laundry: There can also be laundries serviced directly by your company, which will only be accessible via accounts directly linked to your company account.

Distributor: These are your customers who may be hosted within a larger Area account or directly connected to your company.

User Accounts: We offer two levels of user accounts for each of the four levels (Administrator and user), each with its own permissions. A user account can create accounts on the levels directly below it, allowing you to build a hierarchical structure that integrates with the existing system.

All of the above can be modified at any time using the Portal, allowing for complete customization of how you manage your cloud structure to perfectly fit your customer needs.

ACCESSING YOUR USERS

STEP 1

To access your user settings use the $\mathbf{M}\mathbf{y}$ \mathbf{Users} icon in the side navigation.

BRIGHTWELL	➡ Q Search	01 CH	EMICAL CC
	My users		
	Users		
ฝ My users	Users		
	Company Distributor		
	Administrator		
		Search	
	Name	t	Manage
	Alba Serra		
	David Hayes		
	Jordi Umbria		

MY USERS OVERVIEW

BRIGHTWELL	= Q Search	01 CHEMICAL COMPANY VIC	David Hayes 01 CHEMICAL COMPANY VIC
BRIGHTWELL MENU My company My company My catalogue My catalogue My inventory Sites dashboard	My users Users Company Distributor Administrator Administrator Abia Serra O David Hayes O Jordi Umbria	OI CHEMICAL COMPANY VIC	E David Hayes DI CHEMICAL COMPANY VIC
	Pedro Alvarez		

- Expands to show the details for the user accounts
- 2 The three dots allow you to edit the specific user account
- 3 The drop down will allow you to filter the standard users by their account
- 4 Allows you to add a new user to the customer account

EDITING YOUR USER ACCOUNT

My users Users A My users Company Distributor STEP1 To edit your user account open the My Users menu Administrator from the navigation bar here. Search Name Manage Alba Serra David Hayes Jordi Umbria Administrator Standard Area Any Name Alba Serra STEP 2 Name David Haye Locate your account and press the 3 dots located next Tecnico I to it to open the edit menu. Jordi Umbria Pedro Alvarez 01 CHEMICAL COMPAN STEP 3 jit use You can now adjust the settings for your account David Have including; - Setting a photo - Name and HMI name - Email - Telephone - Language - Password You are also able to see your account permissions on 6 the right. 01 CHEMICAL CO dit use

BRIGHTWELL

Q Search...

STEP 4

Once you are happy press the **Tick icon** to save these settings and edit your distributor.

~

01 CHEMICAL CC

ADDING OR EDITING A STANDARD USER ACCOUNT

STEP 1

To create a new or edit an existing user account open the **My Users** menu from the navigation bar.

BRIGHTWELL	n C Search	01 CHEMICAL CC
MENU	My users	
命 My company	Users	
婦 Myusers		
D My catalogue	Company Distributor	
🖞 My inventory	Administrator	
Sites dashboard		Search
	Name	† Manage
	Alba Serra	
	David Hayes	
	Jordi Umbria	

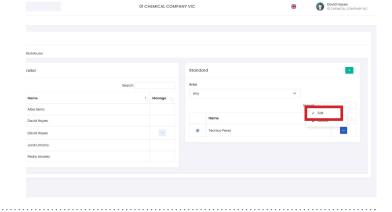
STEP 2

Locate your account and press the **3 dots** located next to the account you want to edit.

	Area			
anage 👔	Any		~	
			Searc	:h
		Name		\uparrow_{\downarrow} Manage \uparrow_{\downarrow}
	0	Tecnico Perez		

STEP 3

Once you have selected this a pop-up will appear. Select **Edit** to open the settings menu.



STEP 4

In the left hand column you can adjust the following;

- Setting a photo
- Name and HMI name
- Email
- Telephone
- Language
- Password

You are also able to set their account permissions on the right using the check boxes provided.

Mone Drag & Drag A Drag A Drag A Drag A Dra	HAt nome here: here: Here: House of the second of the	Lusers C Colibitation C Monual dosage operations Summary statistics C On-line databoards Detailed reports production / odam Use C C C C C C C C C C C C C C C C C C C
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0

ADDING OR EDITING A STANDARD USER ACCOUNT

Edit us

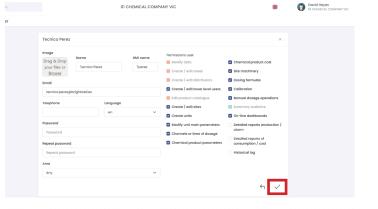
STEP 5

After the user has been created, you can set the account permissions using the tick boxes on the right hand side.

		I CHEMICAL COM		#	CI CHEMICAL CI
Test				×	
Image Name		HMI name	Permissions user		
Drag & Drop your files or Test		Test	Modify data Create / edit areas	Chemical product cost	
Browse			Create / edit distributors	Dosing formulas	
Email			Create / edit lower level users	Colibration	
Telephone	Longuage		Edit product catalogue	Monuel desage operations	
12345	en	~	Create / edit sites	Summary statistics	
Password			 Create units Modify unit main parameters 	On-line dashboards Detailed reports production /	
Password			Channels or lines of dosage	alarm	
Repeat password			Chemical product parameters	Detailed reports of consumption / cost	
Repeat password				Historical log	
Area					
Area_1_Company_1		~			
				5 V	

STEP 6

Once you have made the changes press the **Tick icon** to save the new settings.



ACCESSING YOUR PRODUCT CATALOGUE

STEP1

To access your **Product Catalogue** press the **My Catalogue** icon in the side menu.

BRIGHTWELL	E Q Search	01 C	HEMICAL COMPANY
MENU	My catalogue		
ஸ் My company	Catalogue products		
郗 Myusers	o atalogao producto		
🛱 My catalogue	Show 10 V Elements per	bađe	
🛱 My inventory	Name	Application 1	Туре
Sites dashboard	BR ALKAN	Industrial Laundry	Alkaline
	BR TENSIO PRO	Industrial Laundry	Tensoactive

PRODUCT CATALOGUE OVERVIEW

BRIGHTWELL	= Q Search	c)I CHEMICAL COMPANY VIC		David Hayes OI CHEMICAL COMPANY VIC
MENU	My catalogue				0
命 My company 称 My users	Catalogue products				2
III My catalogue	Show 10 🗸 Elements per page			Sea	rch
🖺 My inventory	1ne	Application	Туре	Hazard pictograms	
🖾 Sites dashboard	IR ALKAN	Industrial Laundry	Alkaline		
	(IR TENSIO PRO	Industrial Laundry	Tensoactive	(١)	
	(tegreaser	Industrial Laundry	Emulsifier / Degreaser	(1)	
	(hlorine	Industrial Laundry	Bleach - Chlorine based	(1)	
	() cxygen	Industrial Laundry	Bleach - H2O2 based	(!) 🗇 🛞	-
	(Feracetic acid	Industrial Laundry	Bleach - Peracetic based	(!) 🗇 🚯	
	(1) teutralizer	Industrial Laundry	Neutralizer - Other acids	(1)	
	(1) Softener	Industrial Laundry	Softener	(1)	
	🕐 🛛 ptic Ultra	Industrial Laundry	Optic bleach	(1) 🚯	
		Industrial Laundry	Emulsifier / Degreaser	\Diamond	

1 Shows the details of when the chemical was created.

2 Press this icon to create a new chemical for your catalogue

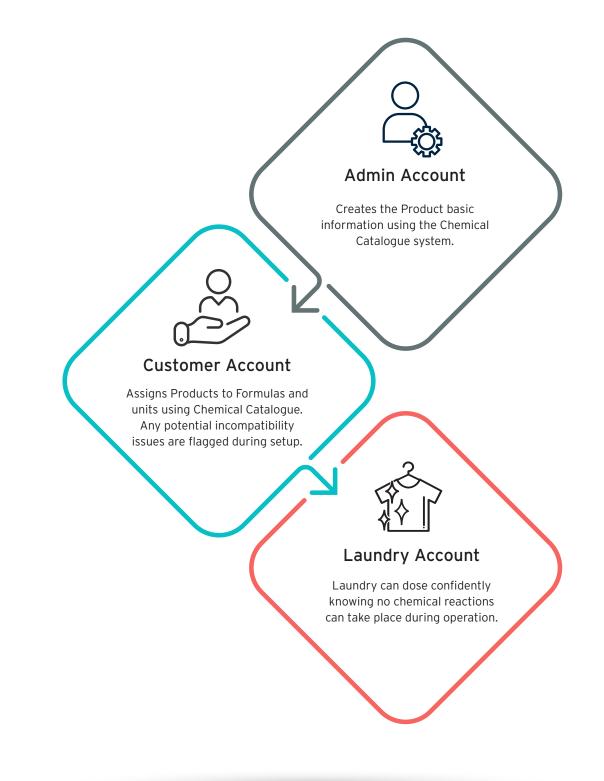
3 Use the three dots to edit an existing chemical

PRODUCT CATALOGUE INFORMATION

To maximize the benefits you receive from your Multiplex system, it is best to use the complete setup options available through the cloud system. This allows you to access warnings for potential incompatibility issues from your products during the wash phase, preventing the hazard of mixing incompatible chemicals and generating unwanted reactions.

Once a chemical has been added to the catalogue, it is set up across all your systems, making it a quick and easy way to manage your entire catalogue for all units in the field.

Additionally, you can store any relevant safety or information documentation so that they are available to users with the correct access on your cloud.



Search

Manage

Hazard pictograms

Cat

EDITING OR ADDING A PRODUCT

STEP 1

To edit an existing product within your catalogue press the three dots on the right of the tile. Alternatively, to create a new product for your catalogue press the + icon in the top right of the tile

dit catalogue product			
BR ALKAN			×
Application	Туре	Data	sheet
Industrial Laundry	~ Alkoline	~ D	Prag & Drop your files or <u>Browse</u>
Name			
BR ALKAN			
State	Density		
Liquid	▼ 1		
Recommended dose			
	Acu Haza envie	ous health hazard te toxicity rrdous to onment rosive	 Fammable Explosive Cos under pressure
NFPA	Health hazard hazardaus Fire hazard Will not burn Instability hazard Violent chemical chang Specific hazard None	~ 	2 2 2
ndications	Re	emarks	
	<i>h</i>		4

STEP 2 Edit the product details including all relevant hazard

information. Please refer to the chemical manufacturers for this information.

FPA	Health hazard	
	hazardous	
	Fire hazard	
	Will not burn 🛛 🖌 🖌 🖌	2
	Instability hazard	
	Violent chemical change V	
	Specific hazard	
	None V	
dications	Remarks	
		10

STEP 3

When you have completed the information use the **Tick** icon in the corner to save the details.

ACCESSING YOUR SITES DASHBOARD



To access your user settings use the **Sites Dashboard** icon in the side navigation.

BRIGHTWELL	ב ⊂ Search				01 CHEMICAL C
	Sites				
	Sites				
	Total sites		Found		Units
		2		2	Connected to cloud
🖾 Sites dashboard	佡	2	60	2	\bigcirc
	🔀 Show/hide filter	rs			
	Area			Distributor	
	All		~	All	
	Constian data from			Annahima data ta	

SITES DASHBOARD OVERVIEW

BRIGHTWELL	A Search		01 CHEMICAL COMP	ANY VIC			01 CHEMICAL COMPANY VIC	
MENU	Sites						0	
命 My company								
幋 My users	Sites			2			+	
🖽 My catalogue			Units	Units	Units		Units	
🖞 My inventory	Total sites	Found	Connected to cloud	Streaming	0 % Idle connection	0 %	Quarentine 0%	
Sites dashboard		6 0 ²		Ģ	• 🛞	0	∞ ⁰	
	🎘 Show/hide filters						^	
	Area	Distributor		Alarm		Connectivity		
	All	✓ All	~	Any alarm		Not connect	ted	
	Creation date from	Creation da		 With alarm Without alarm 		 Streaming Idle Quarantined 	d	
	Creation date from	Creation of	date to			Cudiditation		
							ς ρ	
	Show 10 V Elements per page			3				
							Search	4
	5 ne		Country 1	City 1	Ф т		t ₁	
	E ightwell Briefcase		Spain	Gurb	Detected	Not connecte	d	
	Spain wetlab		Spain	Gurb	Detected	Not connecte	d	
	Showing 1 to 2 of 2 elements							
							Previous 1 Next	

1 Adds a new site to your account

2 Shows a quick overview of your units and site statistics

3 Allows you to set custom filters to display sites

4 A custom search bar for your sites

Displayed the site details

CREATING A NEW OR EDITING AN EXISTING SITE

STEP 1

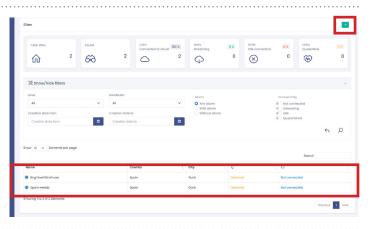
To create a new site, or edit an existing one on your system go to the **Sites Dashboard** menu from the side navigation bar.

BRIGHTWELL	= Q Search				01 CHEMICAL C
MENU	Sites				
命 My company	Sites				
ฝ入 Myusers					
D My catalogue	Total sites		Found		Units
🖞 My inventory	rotal sites		Found		Connected to cloud
🖾 Sites dashboard	命	2	6-0	2	\bigcirc
	🗏 Show/hide filter	rs			
	Area			Distributor	
	All		~	All	
	Acastian data from			Avantian data ta	

STEP 2

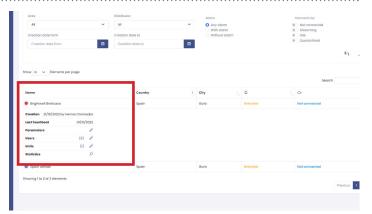
From the sites list locate the site you want to edit and click on it to expand the options.

Alternatively, create a new site, press the **+ icon** in the top right of the screen.



STEP 3

If you are editing an existing site the following menu will appear. Click on the **Edit icon** next to parameters to enter the configuration menu.



STEP 4

On the site edit screen you can use the top bar to move between the;

- Main Parameters
- Users
- Units
- Actions log
- End customers

The second part are the expandable menus for editing the settings located on this tab.



STEP 6

In the **Main Parameters** tab expand the General Tab to adjust the following settings;

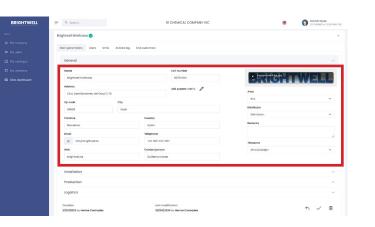
- Area

- Distributor

- Remarks

- Time zone

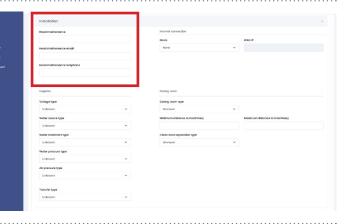
- Name
- VAT number
- Address
- Email
- Telephone
- Website
- Contact
- Logo



STEP 7

Initially you can set up your Head Maintenance contact information;

- Name
- Email
- Telephone



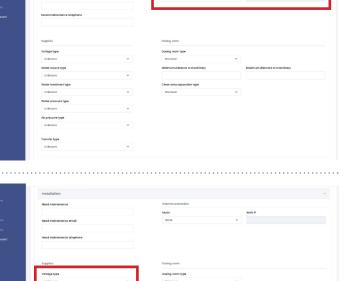
STEP 8

If the site has specific internet setup, you can add the **Mode** and **WAN IP** in the fields provided.

STEP 9

In the initial Supplies section you can adjust the Voltage type on site. These are;

- 110V Single Phase
- 230V Single Phase
- 400V 3 phases (transformer required)
- 400V 3 phases + Neutral

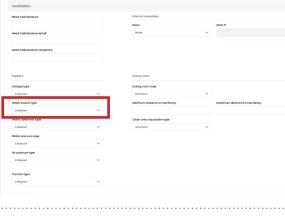


WAN IP

STEP 10

Next you can adjust your Water Source Type between;

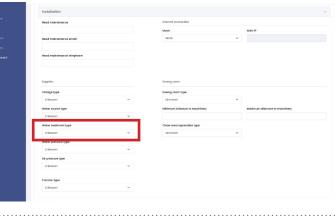
- Well / ReservoirExternal tank periodically filled
- Town network



STEP 11

Next you can adjust your **Water Treatment Type** between;

- None
- Osmosis
- Water softener
- Other



STEP 12

Next you can adjust your **Water Pressure Type** between;

- External Network Pressure

- Pressure booster supplied for the dosing unit
- Pressure booster of the laundry

Unitaria Unita	
Unloam V	
Other ones separation type Other ones separation type Universe	
Unicon v Unicon v Mich private type Unicon v Marganization type Unicon v v	
Wolar present type Defensem v ar present pre-	
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Mode WAN P	
Mode WAN P	
Note Wate P	
Mode Wate P Head indications or unique as	
Made MADE P Magentifications on and the second sec	

- Not necessary

STEP 13

- Compressor supplied for the dosing unit

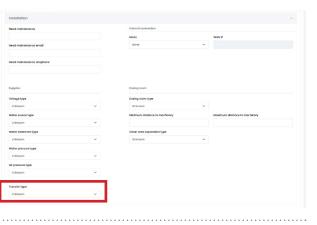
Next you can adjust your Air Pressure Type between;

- Compressor of the laundry (>=8Bar)

STEP 14

Next you can adjust your Transfer Type between;

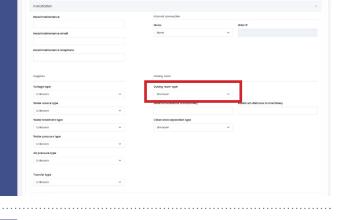
- None
- Storage Tank -> Dosage Tank
- Truck -> Dosing Tank
- Truck -> Storage Tank -> Dosing Tank
- Other



STEP 15

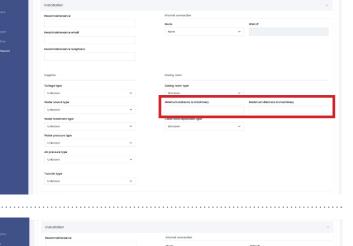
Next you can adjust your Dosing Room Type between;

- None Products are in an external location
- None Products are inside the laundry area
- Yes Products are in a particular room



STEP 16

Next you can set your **Minimum and Maximum** distance to machinery.



Unknown Water treatm Unknown Water pressu Unknown Air pressure t

Transfer type

STEP 17

Next you can adjust your **Clean Area Separation Type** between;

- No separation between dirty and clean areas
- Normal separation between dirty and clean areas
- Sanitary barriers

STEP 18 The third tab allows you to set the Production contact information. 8 - Production Head - Production Email 13 - Production Telephone . 8 13 **STEP 19** If your site has shifts, you can adjust the timings here 8 to produce shift specific diagnostic data later. 83 13 8 8 63 8 00:00 01 CHEMICAL COMPANY VIO **STEP 20** The last section allows you to adjust the Logistics contact information. - Logistics Head 8 - Logistics Email - Production Telephone 0 **STEP 21** Finally, to save your settings press the Tick Icon in the bottom right. You can also delete the site from here using the Trash Can Icon.

EDITING USERS FOR A SITE

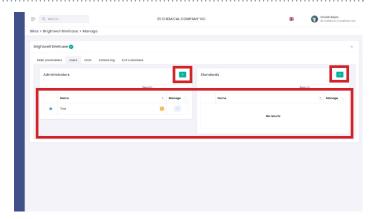
STEP 1

To open the users list for the site press the **Users tab** at the top of the page.

BRIGHTWELL	A Search	01 CHEMICAL COMPANY VIC
	Sites > Brightwell Briefcase > Manage	
	Brightwell Briefcase 🥑	
	Main parameters Users Units Actions log En	d customers
	General	
Sites dashboard	Installation	
	Production	
	Logistics	
	Creation	Last modification
	21/10/2023 by Herme Cremades	20/04/2024 by Herme Cremades

STEP 2

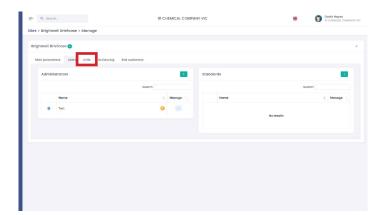
Here you can use the **+ icons** to add either site administrators or standard users. Current users will be listed in the tables below.



EDITING A UNIT

STEP1

To open the unit list for the site press the **Unit tab** at the top of the page.



STEP 2

All units that are linked to the site will be listed in the table at the bottom of the page. Click on the unit you want to modify.

Site	Q Search.			01 CH	IEMICAL COMPANY VIC		æ	e 🌔 🕻	vid Hayes MEMICAL COM
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	Showing 1 h	1 of 1 elements							
•									1 Nest

STEP 3

Click on the **+ icon** or the unit name to expand the parameters menu. Click on the **Edit icon** to make the changes you desire.

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						Search
	Name	Application	Model	Serial number	o 1	0
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Creation	n 29/11/2023 by Herme Cremades					
Last cha						
Lost hea						
Manage						
Configu	iration 0					
Current	processes P					
	to 1 of 1 elements					

STEP 4

On the site edit screen you can use the top bar to move between the;

- Main Parameters
- Users
- Units
- Actions log
- End customers

The second part are the expandable menus for editing the settings located on this tab.

= Q, Search_		01 CHEMICAL COMPANY VIC		David Hayes OI CHEMICAL COMPANY VIC
Sites > Brightwell Briefcase > Man	age			
Brightwell Briefcase 📀 Main parameters Users Units	Actions log End customers			×
General				v
Installation				~
Production				~
Logistics				~
21/10/2023 by Herme Cremades	20/04	/2024 by Herme Cremades	•	h ✓ Ê

EDITING A UNIT

STEP 5

Once the unit settings page has opened you can modify the following fields;

riefca

General settings in section 1

- Unit Application
- Model
- Name
- Master number
- Protocol

Configuration settings in section 2 This will allow you to edit the channel settings. (These will be covered in the next section)

Remote warning settings in section 3

- Emergency stop
- External contacts
- Lost connection
- Wrong user login
- Washer communication
- Washer cycles
- Leak test
- Water test / flush
- Product dosage
- Product low level

Connectivity / Status settings in section 4

- Lan IP
- Lan HMI

Special actions settings in section 5 - Change the site the unit is linked to

Please note - All sections are saved separately. If you make changes across multiple sections please make sure to press the Save icon for each section.

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ınage 🌗			•		×
Edition					B
Application			Model	Cre	ation
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Q Search...

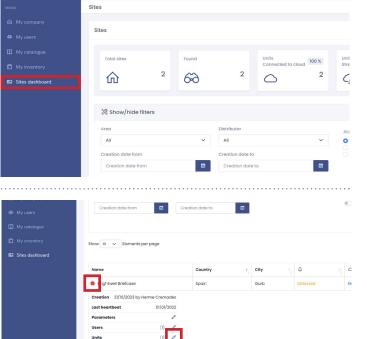
Spain wetlab
Showing 1 to 2 of 2 element

ACCESSING CHANNELS, WASHER EXTRACTORS, FORMULAS AND DATA TRANSFER

BRIGHTWELL

STEP1

To access the channels, Washer Extractors, Formulas and Data Transfer options for your Portal you will need to follow the below steps. First, click on the **Sites Dashboard** in the side navigation menu.



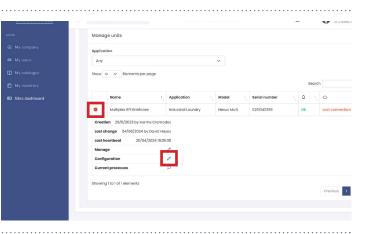
01 CHEMICAL COMPANY VIC

STEP 2

Scroll down until you find the site you want to edit and click on the + to expand the options. Press the **Edit icon** next to **Units** option that appears.



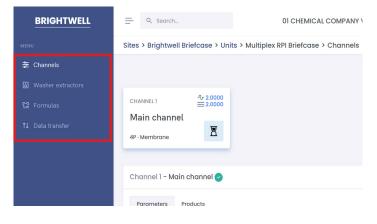
Click on the **+ icon** or the unit name to expand the parameters menu. Click on the **Configuration icon** to open the next screen.



STEP 4

Once this opens the options for the following;

- Channels
- Washer Extractors
- Formulas
- Data Transfer



UNIT CONFIGURATION OVERVIEW

Please note - To access the channel parameters menu. Please refer to this previous section - "Accessing Channels, Washer Extractors, Formulas and Data Transfer (P28)"

BRIGHTWELL	= Q Search	01 CHEMICAL COMPANY VIC	
ussu 3 ★ Channels 3 Washer extractors 1 Formulas 11 Date transfer	CHANNEL 1 4 20000 Main channel 3₽ · Membrane Channel 4 n channel 3		© Add chonnel
	Parameters Products 5	Flow meter type Cost/l Flow meter type 00000 Flow rote (l / min) 100000 120000 100000	
	Water test (mi) 1000 Initial Test Retry Leak Test Flush By Pump	Flush type V Water Only V	Alarms 8 Pulse detection range I V V V Attempts before worning 1 V V E V V V V E V V V V V V V V V V V V V V V V V V V

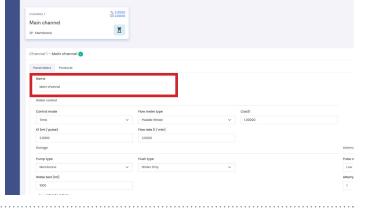
- To add a new channel press the icon in the top right
- 2 Here you can see the list of current channels on your system
- 3 The side navigation bar has changed to allow you to move between;
 - Channels
 - Washer extractors
 - Formulas
 - Data transfer
- Use these tabs to switch between Parameters and Product settings
- 5 Channel Name
- 6 Water control settings
- 7 Dosage settings
- 8 Alarm settings
- 9 Save, delete and return icons

STEP 1

30

You can use the first field to adjust the Channel Name.

Please note - To access the unit Channels menu. Please refer to this previous section - "Accessing Channels, Washer Extractors, Formulas and Data Transfer (P28)"



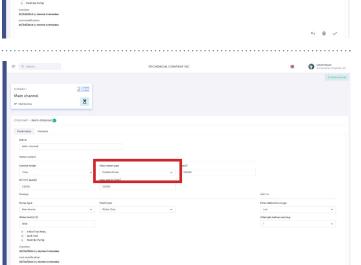
×

×

STEP 2

Next you find the **Control Mode.** Where you can select between **Time or Flow meter**.

*We recommend using a flow meter for your Multiplex as it guarantees accurate chemical delivery to your machines. This option is to allow for temporary use of the unit while you await repairs.



<hr/>

O

STEP 3

Select the correct **Flow Meter Type** using the drop down;

- Paddles
- Oval-Gear
- Thermal

Please note: Do not change this unless you have replaced the flow meter provided from your supplier.

STEP 4

Next is the Cost value for the water of this channel, this is used for cost reporting.

STEP 5

To adjust the Kf value please use the highlighted box.

Please note - These values are generated automatically by running a calibration on the unit. For Multiplex 1 and Multiplex 1 pro this is done via the web server. Please refer to the Web Server Configuration Tool guide.

If you are using Multiplex 2 or 2 pro this is disabled on the web tool. Please refer to the On Board Screen Configuration guide.

*We DO NOT advise setting the values manually

STEP 6

You can now set up the **Flow Rate** value for the Chemical here.

Please note - These values are generated automatically by running a calibration on the unit. For Multiplex 1 and Multiplex 1 pro this is done via the web server. Please refer to the Web Server Configuration Tool guide.

If you are using Multiplex 2 or 2 pro this is disabled on the web tool. Please refer to the On Board Screen Configuration guide.

*We DO NOT advise setting the values manually

STEP 7

If you need to adjust the pump type for the unit you can use the drop down menu to choose between;

- Peristaltic
- Motor
- Membrane
- Pneumatic
- Venturi

The recommended configuration for the Multiplex is water or air flush with a membrane or pneumatic pump. (Based on each site).

Q Search			01 CHEMICAL COM	PANY VIC	
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Name					
Main channel					
Water control					
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Initial Test Retry Leak Test Flush By Pump					
Creation					
20/04/2024 by Herme Cremodes					
Last modification					

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hannel 1 - Main channel 🕑	_			
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20/04/2024 by Herme Cremades Last modification 20/04/2024 by Herme Cremades				

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Main channel				
Water control				
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Dosage				
Pump type	Flush type			
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1000				
Initial Test Retry				
Leak Test				
Flush By Pump				
Creation				
20/04/2024 by Herme Cremodes				
Last modification				
20/04/2024 by Herme Cremodes				

STEP 8

If you need to adjust the **Flush Type** for the channel use this drop down to choose between;

- No Flush
- Only Water
- Air

It is recommended to use water for set-ups where the distance between the distributor and unit is under 40 metres. Over 40 metres we advise using Air flush and a water test of over 1000ml to prevent product residue building up. It is only recommended to use no flush when you have chemicals that become more viscous with water or the product is going directly to the washer.

STEP 9

Next you can adjust the water test volume for your channel. The minimum value for this is 700 ml to ensure a correct test and separation of chemicals.

A water test is used to verify that the minimum indispensable conditions and that the product will reach its destination. A water test is recommended when products with high viscosity or high surface tension pass through the channel.

STEP 10

If you want to setup a **Retry the water test** on this channel press the drop down to toggle between **Yes** or **No**.

During operation there may be an unforseen event where the correct level of water is not delivered between products. Enabling this feature will allow a second test on this to accommodate this potential issue.

STEP 10

The final toggle switch enables the **Flush by Pump** function.

*This is not a recommended setup option and is only used when you do not have pressure regulated water for your setup. If this is the case, we advise the purchase of a booster tank to stabilise water pressure and ensure unit performance and reliability.

Name Main control Value control Control rook Per water type Cont/l Time Per water type Cont/l Time Per water type Cont/l 2000 Per water type Cont/l 2000 Per water type Control 2000 Per water type Control Control Control Control Contron Control Control </th <th></th> <th></th> <th></th> <th></th> <th></th>					
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Main channel

Main a

Initial Tes
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 Flush By

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kř (ml / pulse)		Flow rate (I / min)			
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Dosage					
Pump type		Flush type			
Membrane	~	Water Only	~		
Water test (ml)					
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Initial Test Retry					

Main channel					
Water control					
Control mode		Flow meter type		Cost/I	
Time	~	Paddle Wheel	~	1.00000	
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Dosage					
Pump type		Flush type			
Membrane	~	Water Only	~		
Water test (mi)					
1000					
Initial Test Retry					
 Flush By Pump 					
Creation					
20/04/2024 by Herme Cremades					

STEP 11

At the bottom of the screen you can see the Alarms settings. The first box allows you to setup the Pulse Detection Range. You can select between;

- Low (30%)
- Medium (50%)
- High (70%)
- Maximum (100%)

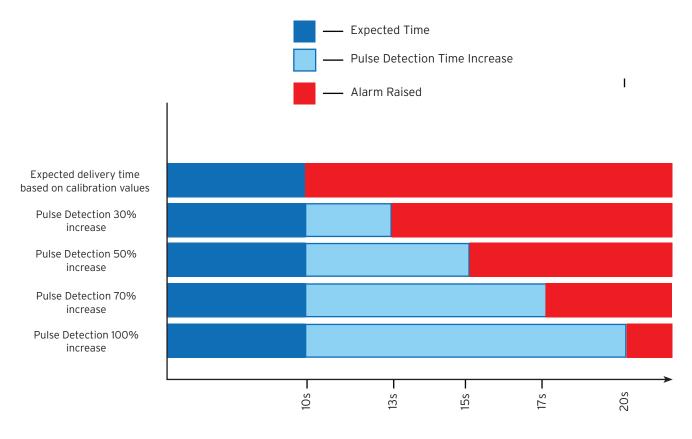
This is the additional time that can be added for the flow meter to detect the correct volume of chemical. A more detailed explanation is on the next page.

Cont/1 v 100000	Flow meter type Poddle Wheel	
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	Flow rate (I / min)	
	2.0000	
Alorms		
Pulse detection range	Flush type	
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Attempts before warning		
1		

PULSE DETECTION RANGE

When dosing chemical it may be required to increase the detection range to allow for fluctuations in flow for the product. This may be needed when there is potentially gassing products causing gas to expand in the pipe, or very viscous products that can become more difficult to pump if left sedentary.

Below is a graph explaining the functionality.



Time to detect correct chemical delivery

Please note - we advise setting this to as close to the expected delivery time as possible for accurate results and early warning of any potential hardware failures that may arise. Setting this to the maximum level by default will potentially hide maintenance issues that could be resolved before failure of the part.

STEP 12

Below this you can set the number of retries before an alarm is raised.

The feature is only available with a flow meter installed. This stops consecutive audio alarms from sounding on the unit to reduce noise pollution in the laundry.

This is <u>ONLY</u> for the product dosage and water flush test. Not initial leak test.

	Flow meter type	Cost/I	
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	Flow rate (I / min)		
	2.0000		
			Alorms
	Flush type		Pulse detection range
~	Water Only 🗸		Low
			Attempts before warning
			1

STEP 13

Once you are happy with the settings you can use the **Tick icon** in the bottom right to save your settings.

The Trash icon will clear all changes made.

	neter type idio Wheel	~	Cost/I						
Flow ro 2.00	ate (I / min) 100								
Flush t		~		Alorms Pulse detection re	ange				~
				Attempts before	warning				~
						-			
						L	4	Û	\checkmark

PRODUCT PAGE OVERVIEW

Please note - To access the products menu. Please refer to this previous section - "Accessing Channels, Washer Extractors, Formulas and Data Transfer (P28)"

STEP1

To open the Product settings menu press the **Product tab** located at the top of the page.

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ain channel					
Membrane	图				
annel 1 - Main channel 🥑					
_					
Parameters Products					
Name					
Main channel					
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Control mode		Flow meter type		Cost/I	
Time	~	Paddle Wheel	×	1.00000	
Kf (ml / pulse)		flow rate (I / min)			
2.0000		2.0000			
Dosage					
Pump type		Flush type			
Membrane	~	Water Only	~		
Water test (ml)					
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	Parameters									6
	Parameters Product								Search	+
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	Product 4	S Num	BR ALKAN	•	X	2,000	1000	80%		

- To add a new channel press the icon in the top right
- 2 Here you can see the list of current channels
- 3 The side navigation bar has changed to allow you to move between;
 - Channels
 - Washer extractors
 - Formulas

(4)

- Data transfer
- Press this + icon to expand the selected chemical and view details
- 5 Is a visual indicator for the chemical. Green confirms it has been setup and saved correctly into the catalogue. Orange implies the chemical is incomplete and requires attention
- 6 The + icon here allows you to add a new chemical to your channel

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ADDING OR EDITING YOUR PRODUCT SETTINGS

STEP1

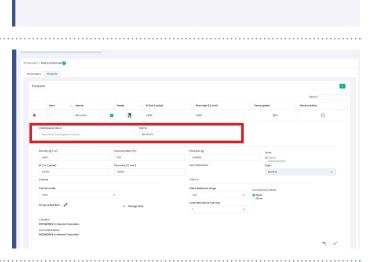
To open the Product settings menu press the **Product tab** located at the top of the page.

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:hannel 1 - Main channel 🥪				
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STEP 2

Locate the chemical you want to edit and click on the **Blue + icon** to expand the settings. Alternatively, to create a new Product press the **+ icon** located in the top right of the web page.



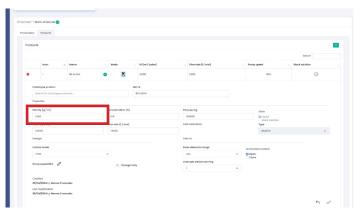
STEP 3

Once expanded you can edit the **Catalogue Product name** and the **Product name** using the text fields provided.

STEP 4

The next box allows you to set the **Density** of the product. Please refer to the chemical manufacturers values for this.

We recommend that this value is precise and based on the chemical datasheet. As this directly effects the dosage of the chemical X value density / 1kg of laundry



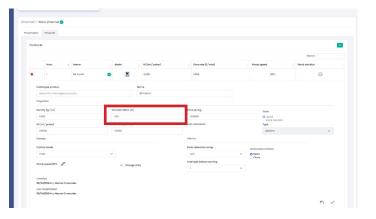
ADDING OR EDITING YOUR PRODUCT SETTINGS

STEP 5

Next set your **Product Concentration** percentage if this is diluted.

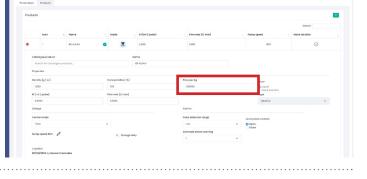
If you are using products in pre-dilution and want the 'grams of pure product' you should set this field percentage to the direct dilution of the product. For example;

1000 litres you use 100kg of product your % = 1000/100 = 10%



STEP 6

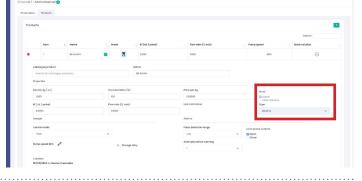
Below you can set the **Price per KG** of the product for cost reporting.





You can see the **State** and type of the product on the right hand side.

Please note - These are uneditable and set by the chemical catalogue.



STEP 8

To set the Kf value please use the highlighted box.

Please note - These values are generated automatically by running a calibration on the unit. For Multiplex 1 and Multiplex 1 pro this is done via the web server. Please refer to the Web Server Configuration Tool guide.

If you are using Multiplex 2 or 2 pro this is disabled on the web tool. Please refer to the On Board Screen Configuration guide.

*We <u>DO NOT</u> advise setting the values manually

Search	-					01 CHEMICAI	COMPANY	VIC				8	0
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el 1 - M	lain channel 🤇	•											
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	1		BR ALKAN	0	因	2,000		1000			80%		
Cab	ologue product				Nor	me							
54	earch for Catalog	a pro	ducts		B	IR ALKAN							
Prop	perties												
Den	sity (g / cc)				Concentration (%)		Pric	e per kg			Stote		
10	100			4	100		1	00000			O Liquid Stock Solution		
KI (r	ml / pulse)				low rate (I / min)		Los	t calibration			Туре		
2	0000				1.0000						Alkoline		
000	-94						Alg	ms					
Con	trol mode						Pul	e detection range		Level pro	ibe contact		
n	me			~				ow		O Open Close			
Durr	np speed 80%	1					Att	empts before warning		Close			
					 Dosoge retry 		1		~				
	otion 04/2024 by Herm	Crerr	rades										
Last	modification												

ADDING OR EDITING YOUR PRODUCT SETTINGS

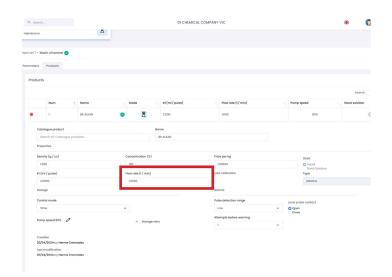
STEP 9

You can now set up the **Flow Rate** value for the chemical here.

Please note - These values are generated automatically by running a calibration on the unit. For Multiplex 1 and Multiplex 1 pro this is done via the web server. Please refer to the Web Server Configuration Tool guide.

If you are using Multiplex 2 or 2 pro this is disabled on the web tool. Please refer to the On Board Screen Configuration guide.

*We DO NOT advise setting the values manually

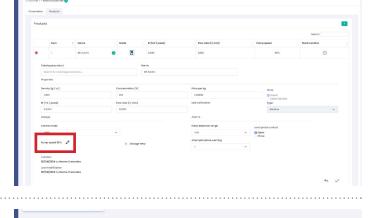


STEP 10

Below you can now adjust the **Pump Speed** for this chemical using the pencil icon.

We recommend a speed of;

- 80% 100% for high volume delivery
- 30% 80% for low volume delivery
- DO NOT use below 30% speed for delivery



STEP 11

To the right of pump speed you can locate the **Dosage Retry** button.

This will enable the system to retry dosing the product if the correct number of pulses are not met in the expected delivery time.

Product	ts									. *
									Search	
	Nam T	Name	Mode		KT (mi / pulse)	: Flow rote (I / min)		Pump speed	1 Stock solution	
•		BR ALCAN	•	Ξ	2,500	1000		80%	Θ	
Cet	tologue product				Name					
5	Search for Catologue proc	lucts_			BR ALKAN					
Pro	operties									
Der	nsity (g / cc)		Concert	nation (%)		Price per kg		State		
1	1000		100	100		1.00000		C Siquid		
K7 ((rrt / pulse)		Dow rat	= () / min)		Last colloration		Туре		
2	20003		10000					Alcoline	~	
Des	6029					Alarms				
Cor	etrai moda					Pulse detection range		Level probe contact		
	timo		~			LOW	~	Open		
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	t modification (04/2024 by Herme Crem	odes								
									ίų τ	

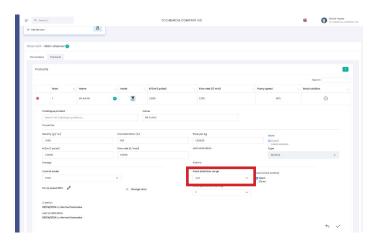
ADDING OR EDITING YOUR PRODUCT SETTINGS

STEP 12

At the bottom of the screen you can see the Alarms settings. The first box allows you to setup the Pulse Detection Range. You can select between;

- Low (30%)
- Medium (50%)
- High (70%)
- Maximum (100%)

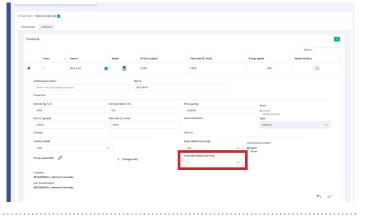
This is the additional time that can be added for the flow meter to detect the correct volume of chemical. A more detailed explanation is found here: Pulse Detection Range (P33)



STEP 13

Below this you can set the number of **Attempts Before Warning**.

The feature is only available with a flow meter installed. This stops consecutive audio alarms from sounding on the unit to reduce noise pollution in the laundry.

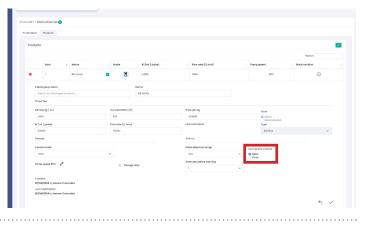




Finally, you can adjust the Level Probe Contact to;

- Normally Open
- Normally Closed

Please note - The standard Brightwell products are Normally Closed



WASHER EXTRACTORS OVERVIEW

Please note - To access the washer extractors menu. Please refer to this previous section - "Accessing Channels, Washer Extractors, Formulas and Data Transfer (P28)"

					BRIGH	TWELL	C Search					01 CHEMIC
	Washer Extractors ov e navigation bar.	MENU 호 Channels 영 Washer ext 입 Formulas 11 Data transf		I Girbau_Test Time of signal 8 I Norme Girbou_Test Process Formula (b, Time of signal 8	Sirbou_Test 🔊	50 Kg ⊅ Signal	Carlbau_Ter Cirbau_Ter Time of signed Load (kg) 50		P			
BRIGHTWELL	E Q. Search		2	01	CHEMICAL COMPA					#	David Haye	
幸 Channels 図 Washer extractors 업 Formulas 14 Data transfer	© 1 Girbau_Test ▷ Time of signal 8 11 No Washer 1 - Girbau_Test ⊘	50 Kg Þ⊳ signal	© 2 Girbau_Tes ▷ Time of signa		50 Kg ⊅ Signal	3						
	Name Girbau_Test		Load (kg)			Load selection	ctor	Flush (I)		Flush Air Tim	e (s)	
		~ ~		Dosed phase on ID 0	×	Signal filters Minimum time 2 Machine pau Machine pau None None	(\$) 150					

1 To add a new channel press the icon in the top right

Here you can see the list of current washer extractors linked to your channel, this is also how you select the extractor you wish to edit

The washer extractor settings are listed here

2

3

STEP 1

To change the settings on a washer extractor navigate to the **Washer Extractor menu** via the side menu. Once here, select the washer from the available at the top of the page.

STEP 2

The first section allows you to set the custom name for the washer.

STEP 3

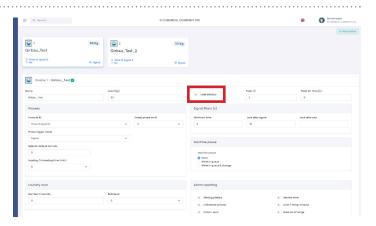
Next you are able to set the **Total Load in Kg** for the **Washer Extractor**.

This field is essential in calculating the total volume to be dosed to the load.

STEP 4

You can now enable or disable the **Load Selection** for this washer.

This setting requires a formula select, so please contact Brightwell to discuss this setting and equipment if required.



None White

© 2 ≏irbau_Test_2

2 Pirbau_Test_2

Girbau_Test

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irbau_Test

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C

Level / Temp.

STEP 5

The next box allows you to set the **Water Flush (Fl. oz)** quantity required.

Alternatively, if you are using air flush you can use the **Air Time (S)** box below this instead.

This value needs to be precise for correct delivery of chemical. Please run a visual check of the water required to completely inject the chemical into the machine, as this varies based on distance from the distributor.

- Q. Search.		01 CH		B David Wayes BI CHEMICAL CON		
						0.44
Girbau_Test	50 Kg 🙀 2 Girbau_Te	st_2	50 Kg			
D: Time of signal 8 11 No	D Signal D Time of signa		D Signal			
Wosher ! - Girbou_Test 😑						
Nome Cirbox_text	(ast (kg)			icod selector	Plush ()) 2	Flush shi Time (s)
Process				Signal filters (s)		
Formula ID.		Doeed phose on ID		Minimum time	Lock ofter signal	Lock offer end
Time of signal 6	~	0	÷	2	10	
Phase trigger mode						
Signal	~			Mochine pause		
Selector default formula						
0 Loading / trikoding time (win)				Mochine pouse Nane White in queue		
5	*			O while in queue & dosoge		
Loundry area				Alarm reporting		
Number in loandry	Buildwad					
0	0		~	Masing phoses Grifficiated process		internal error tavel / temp. timeout

STEP 6

In the Dosing Process column you can first set the Formula ID section. This can be;

- Selector
- Time of signal 8
- Time of signal 1+8
- Binary
- Free

Please refer to the next section for a more detailed explanation.

Q. bourch.			01 CHEMICAL COMP	NNY VIC		B David Hayes
						© A00
] 1 irbau_Test	50 кg 🔯 2 Girbau	_Test_2	50 Kg			
Time of signol 8 No	Ib signal P time c	I signal 8	Ib Signal			
Washer 1 - Girbau_Test 🥑						
Ye	Lood (kg)			 Load elector 	Musili (1)	Plasti Air Time (s)
irbou_fest	50				2	0
rocess				Signal filters (s)		
ormula ID.		osed phase on	0	Minimum time	Lock after signal	Lock after end
Time of signal 8		v 0	*	2	10	
Sgra		~		Machine pause		
elector defoult formula						
o oading / Unicoding time (min) 5	v			Machine pouse None White in queue White in queue & docoge		
aundry area				Alarm reporting		
amber in loundry	Buikheod			Masing phoses		Internal error
0	•		*	 Unfinished process 		Level / Temp. timeout
				Comm. error		Data out of range

SIGNAL TIME 8

This selects the program based on 5 second intervals of the Signal 8 going high. This settings is advised for units with a lower number of formulas (1-20). Please refer to the table below for timings.

Formula	Signal 8 Time on						
1	5 s	5	25 s	9	45 s	13	65 s
2	10 s	6	30 s	10	50 s	14	70 s
3	15 s	7	35 s	11	55 s	15	75 s
4	20 s	8	40 s	12	60 s	16	80 s

SIGNAL TIME 1+8

This selects the program based on the duration of signals 1 and 8 going high simultaneously. This setting is advised for units that have a larger volume of formulas to select (20+) The below table explains the timing and selection details.

Formula	Signal 1 Time on	Signal 8 Time on	Formula	Signal 1 Time on	Signal 8 Time on	Formula	Signal 1 Time on	Signal 8 Time on	Formula	Signal 1 Time on	Signal 8 Time on
1	5 s	5 s	11	10 s	5 s	21	15 s	5 s	31	20 s	5 s
2	5 s	10 s	12	10 s	10 s	22	15 s	10 s	32	20 s	10 s
3	5 s	15 s	13	10 s	15 s	23	15 s	15 s	33	20 s	15 s
4	5 s	20 s	14	10 s	20 s	24	15 s	20 s	34	20 s	20 s
5	5 s	25 s	15	10 s	25 s	25	15 s	25 s	35	20 s	25 s
6	5 s	30 s	16	10 s	30 s	26	15 s	30 s	36	20 s	30 s
7	5 s	35 s	17	10 s	35 s	27	15 s	35 s	37	20 s	35 s
8	5 s	40 s	18	10 s	40 s	28	15 s	40 s	38	20 s	40 s
9	5 s	45 s	19	10 s	45 s	29	15 s	45 s	39	20 s	45 s
10	5 s	50 s	20	10 s	50 s	30	15 s	50 s	40	20 s	50 s

BINARY

For this mode the unit will select a program based on the below signal combinations.

Formula	8	7	6	5	4	3	2	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Formula	8	7	6	5	4	3	2	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

FREE MODE

Free mode allows the users to build a custom list of formula selection based on incoming signals. These are **ONLY** defined via the web portal or web server, they cannot be defined on the built in screen.

STEP 7

After this you can select the **Dosed Phase ID number** using the drop down here.

This allows you to customise what state the machine will enter on receiving the first signal. If you set this to Phase 0, the unit will not begin dosing until a signal is received from the washer. If you set this to Phase 1 the unit will immediately begin to dose after the auto formula select signal is confirmed.

(C) 1	50 Kg 😨 2		50 × g			
Girbau_Test	Girbau	_Test_2				
D: Trive of signed 8 11 Me	D Signal D Times	r ugwar B	ID Signal			
Wosher 1 - Gitbou_Test 🔵						
Nome	Lood (kg)			a load selector	mush (0	Hush sir Time (s)
Cirbou_Test	60			0_ sood several	2	0
Process		_		Signal filters (s)		
Formula ID.		Dosed phase on 10		Minimum time	Lock ofter signal	Lock ofter end
Time of signal 9		~ 0	Ψ.	2	10	
Phase trigger mode						
Sgnal		~		Machine pause		
Selector default formula				Mothine pourse		
Loading / Unloading time (min)				O None		
5	v			While in queue & dosoge		
Laundry area				Alarm reporting		
Number in foundry	Buildwood			 Masing phoses 		Internal error
0	0		~	Writished process		E tevel / Temp. timeout

STEP 8

You can now choose between a Signal or Sequencial Phase Trigger Mode.

Signal mode defines that the machine itself will send a signal to identify what phase it is entering.

Sequencial mode sets it so that it will move sequencially through the phases one by one in a logical order.

Q, search.			01 CHEMICAL COMP	NNY VIC		B David Hayes Of CHEMICAL COMPRE
3 1	50 Kg	2 ×	50 Kg			© ADJ w
irbau_Test		Girbau_Test_2				
Time of signal 8 No	Ib signal	 Time of signal 8 N) 	Ib Signal			
Washer 1 - Girbau_Test	0					
Ye		toos (ng)		 Load selector 	Musiti (0	Phase Aix Time (c)
Sitteru_Test		60		iii) ooda teecaa	2	0
Process				Signal filters (s)		
ormula ID.		Dosed phase on t	,	Minimum time	Lock after signal	Lock after end
Mase trigger mode Signal		~		Machine pause		
0 sading / Unloading time (min) 5	~			Machine pouse None While in queue While in queue 6 docoge		
aundry area				Alorm reporting		
0		Builtheod 0	*	Masing phases Unfinished process Comm.error	9	Internet error Level / Temp, timpout Data out of range

P Time o

O



If you have **Selector** chosen you will also have the option to set the **Selector Default Formula**. Which will default back to after a successful cycle.

STEP 10

Finally you can adjust the time required to load or unload the machine.

Phose trigger mode								
Signal	_	~			Machine pause			
Selector default formula					Mochine pouse			
0					Moohine pouse			
					O None			
5	~				While in queue While in queue & dosoge			
	*							
Loundry area					Alarm reporting			
Number in loundry		Buildhood			 Missing phases 		intental error	
0		0		~				
					Infinished process		_ Level / Temp. Emeout	
					 Comm.error 		Dota out of range	
- Q, teosch.				EMICAL COMP				CONTRACTORIAN CONTRACTORIAN
<u>ت</u>	50 Kg	2		50 Kg				
Girbau_Test		Girbau_Tes						
D Time of signal 0 11 No	IP signal	P Time of signal II No	•	ID-Signal				
Washer 1 - Girbau_Test 👩								
asme		Load (kg)				Funh (I)	Flush Air 1	ime (s)
Girbou_Test		60			Load selector	2	•	
Process					Signal filters (s)			
Formula ID.			Dased phase on 1D		Minimum time	Lock ofter signal	Lock ofter	and
Time of signal 8		~	0	~	2	10		
Phose trigger mode								
Signal		~			Machine pause			
Selector delauit formula					and the second sec			
0					Moonine pouse			
Loading / Unloading time (min)					None Mhile in queue			
5	× .				 While in queue & dcsoge 			
Laundry area								
					Alarm reporting			
Number in Joundry		Buikheod			Alarm reporting			

🔄 ı Girbau_Test

<u>ا</u>

STEP 11

In the **Signal Filters** column the first box allows you to adjust the **Minimum Time** for an accepted signal. This stops ghost signals from triggering the washer.

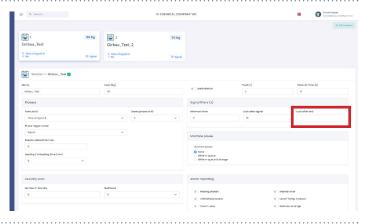
STEP 12

Next you can adjust the time it takes for the washer extractor to **Lock after a Successful Signal** has been sent.

Q, search.		2	01 CHEMICAL COMP	INY VIC		B David Hayes
						© #
irbau_Test	50 Kg 🔯 2 Girbau_	Test_2	50 Kg			
Time of signal 8 No	D Signal D Time of a	gnol 8	Ib tignal			
Washer 1 - Girbau_Test 📀						
	Loost (km)				Push (0	Plush Air Time (s)
OPDOM_TOST	50			a Load selector	2	0
Process				Signal filters (s)		
		Dosed phase on D		Signal filters (s)	Lock after eignot	cik after and
		Dosed phase on ID	~		sock ofter signal	ck after and
Formula ID. Time of signal 8			•	Minimum time		sk after end
Formula ID. Time of signal II Phose bligger mode Signal			v	Minimum time		-da altor and
Formula ID. Time of signal 8 Phase trigger mode		•	×	Minimum time		et alter end
Remula B. Eme of signal B Emes Migger mode Signal Selector defoult formula 0		•	×	Machine pause Machine pause Machine pause		ek ofter and
Fermula ID. Imme di signal II Imme di signal II Imme di signal II Signal Signal Serector defout formuna		•	*	Maximum time 2 Machine pause Machine pause	×	a after and
Received B. Erne et agent 8 Phose trigger mode Signal seractor adrouct formula 0 Loading / Unicoding time (min)		•	×	Machine pause Acchine pause Machine pause Machine pause Machine pause Machine pause Machine pause	×	a after ext
Annuel B. Erne drigent B Broub Sgorth Service		•	×	Machine pause Acchine pause Machine pause Machine pause Machine pause Machine pause Machine pause	×	d after and
Received B. Erne et agent 8 Phose trigger mode Signal seractor adrouct formula 0 Loading / divisoriing lane (min)		•	*	Michaen Bre 2 Machine pouse Machine pouse Machine pouse Machine pouse Machine pouse Machine pouse Machine pouse Machine pouse Machine pouse	×	et etter sol

STEP 13

The final box in the **Signal Filters** column allows you to adjust the **Lock time** for the equipment to allow new signals, once the **RESET** has been completed.



STEP 14

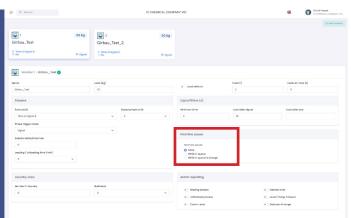
The last column is the **W.E Pause (Washer Extractor Pause)** section.

The first box allows you to adjust the Activation between;

- No (Deactivated)
- While in queue
- While in queue and dosage

The washer pause functionality allows for 'queuing' of machines when they request chemical delivery while the unit is busy.

When a machine is 'waiting' its timer is paused so that the wash can complete a full cycle correctly. The above options allow you to adjust when the 'pause timer' begins again.



David Mayes Di CHEMICAL COMPANY VI

EDITING OR ADDING A WASHER EXTRACTOR SETUP

STEP 15

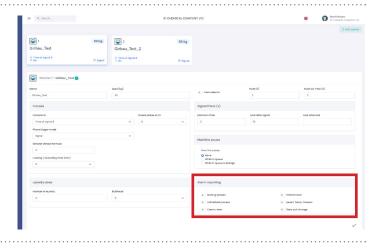
The last setting on the left hand column allows you to set the **Number in Laundry** and the **Bulkhead** number.

Girbau_Test		2 lirbau_Test_2	50 Kg			
D. Time of signal 8 11 Ne	D Signal D	Time of signal 8 No	D Signal			
Wosher 1 - Gitbou_Test						
Name	LOOK	d (kg)		a Load selector	mush (0	Flush Air Time (s)
cireou_test		D		0000 56 4C10*	2	0
Process				Signal filters (s)		
Formula ID.		Doeed phose or		Minimum time	Lock ofter signal	Lock offer end
Time of signal 6		v 0	÷	2	10	
Phose trigger mode						
Sgeel		~		Nochine pause		
Gelector default formula				moutine poste		
0				Mochine pouse		
Loading / Unitoding time (min)				White in garour		
5	~			While in gueve & dooge		
Laundry area			-	Alarm reporting		
			_			
Number in loandry	Buik 0	head		Masing phases		internal error
			× .	 Individual process 		E tavel / Temp. timeout

STEP 16

The final section allows you to toggle what alarms are enabled on your washer;

- Missing Phases
- Internal Error
- Unfinished Process
- Level / Temp. Timeout
- Communication Errors
- Data Out Of Range



STEP1

side navigation bar.

FORMULAS OVERVIEW

To access the Formulas overview select the icon in the

Please note - To access the formula menu. Please refer to this previous section - "Accessing Channels, Washer Extractors, Formulas and Data Transfer (P28)"

BRIGHTWELL

😭 Formulas

Search..

Manage formulas

Show 10 🗸 Elements per page

Formulas Edit phases Copy

Sites > Brightwell Briefcase > Units > Multiplex RPI Briefcase > Formulas

											Name		Phases
								0	1		Sabanas	-	1
								0	2		Toallas	0	1
								Showing 1	to 2 of 2 elements				
• • • •				•••••	••••							• • • •	
_	0												
_	Q Search					01 CHEMICAL COMPA	NYVIC					*	•
Sites	> Brightwel	ell Briefcase > Units > Mu	ultiplex RPI Briefcase > F	Formulas									
For	rmula												
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	Show 10	✓ Elements per page											
	3 ,												Search
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	•	1		2 1		5	60	N	ormal	Non-Spe			arm
	۲	2	Toallas	2		4	60	N	ormal	Non-Spe	ecified	w	arm
	Showing 1 t	to 2 of 2 elements											

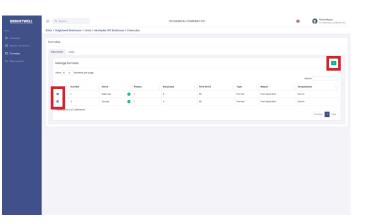
- Allows you to move between the Edit Phases and Copy tabs
- Press this to create a new formula
- 3 Expand the formula using the icon here

01 CHEMICAL C

EDITING OR CREATING A NEW FORMULA

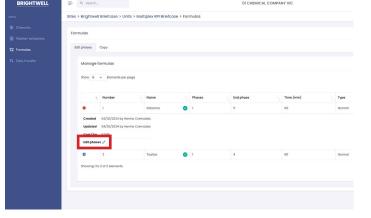
STEP1

To adjust the settings of your formula press the Blue + icon on the formula to expand the options. Alternatively, press the + icon in the top right to create a new one.



STEP 2

Once the options have been expanded, press the edit icon located next to the Edit Phases text.



STEP 3

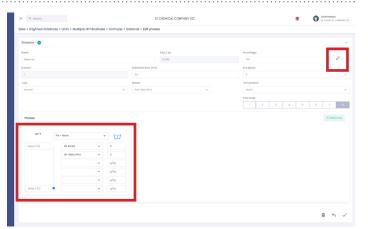
Once the formula has opened you will be able to edit the phases settings located at the bottom of the page. However, you will be unable to make other changes until you have pressed the Edit icon located on the right hand side of the screen.

STEP 4

You can now edit;

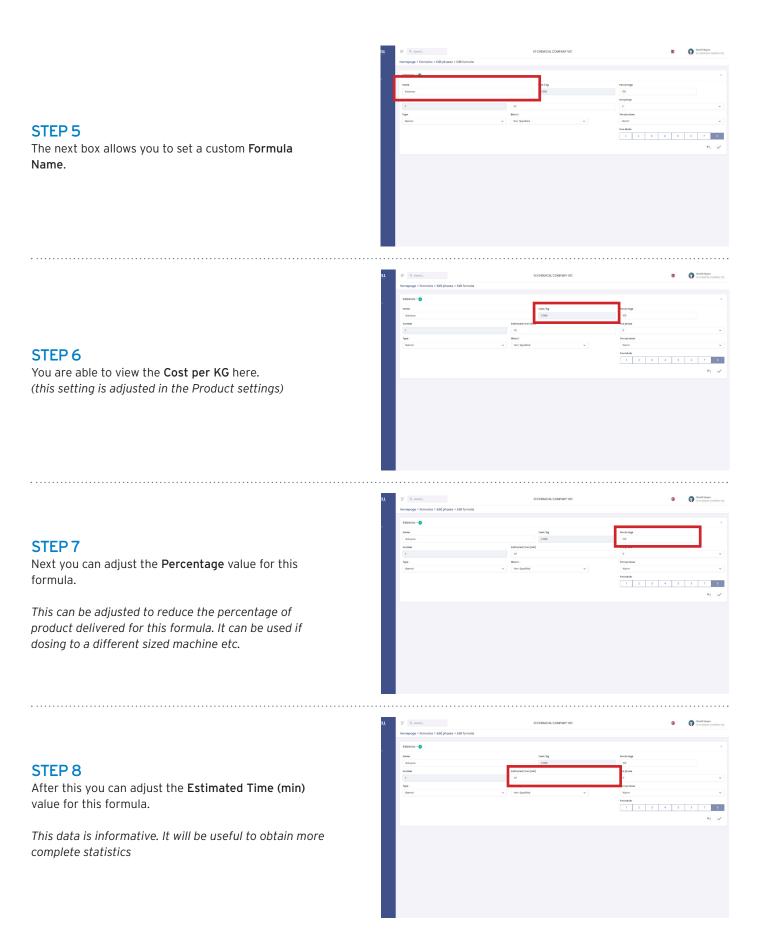
- Name
- Percentage
- Estimated Time
- End Phase
- Type
- Bleach
- Temperature
- Free mode

Once you are happy with the changes press the Tick icon to save.



Nome		Cent / kg		Percentage	
Sabanas		0.000		100	
Number	Estimot	ted time (min)		End phose	
1	60			6	
Туре	Bleach			Temperofuse	
Normal	✓ Nov:	Specified	~	Worm	
				Free Made	

EDITING OR CREATING A NEW FORMULA



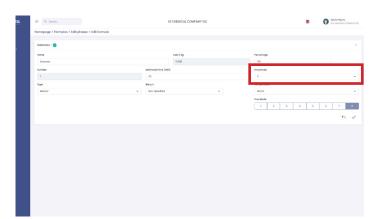
O

EDITING OR CREATING A NEW FORMULA

STEP 9

Using the drop down located here you are able to set the **End Phase** for this formula.

The End Phase denotes what the final phase the washing machine needs to enter to trigger a complete cycle for this Formula.



STEP 10

You can now select the type of formula you are creating;

- Delicate
- Normal
- Heavy Soil
- Re-Process
- Desize
- Rinse/Spinning
- Recovery
- Other

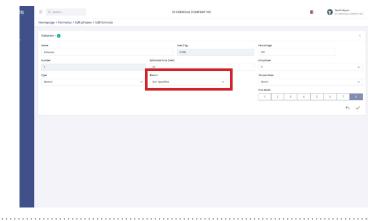
This data is informative. It will be useful to obtain more complete statistics.

STEP 11

If you have bleach for this formula, you can use the drop down here to select;

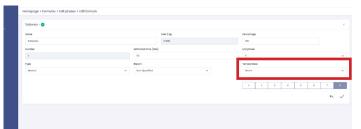
- Non Specified
- No bleach
- Yes (No chlorine)
- Yes (With chlorine)

This information is informative. It will be useful to get more detailed information about possible problems via the integrated "Help" function.



STEP 12

Here you can adjust the **Water Temperature** for this formula.

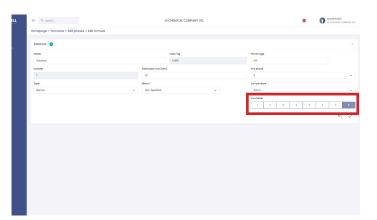


EDITING OR CREATING A NEW FORMULA

STEP 13

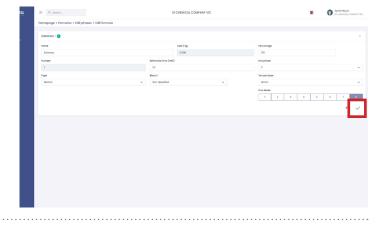
If you have bleach for this formula, you can use the drop down here to select;

- Non Specified
- No bleach
- Yes (No chlorine)
- Yes (With chlorine)



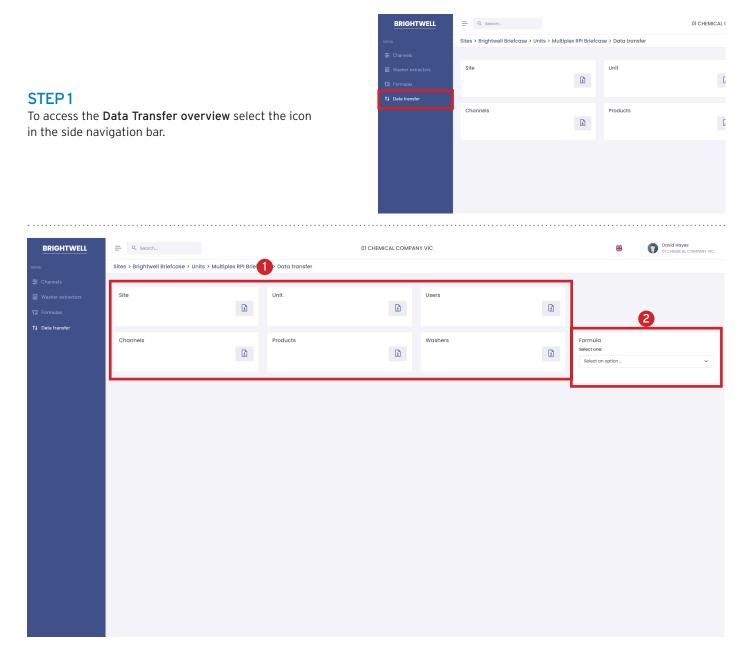
STEP 14

To save the changes press the **Tick icon** in the bottom right.



DATA TRANSFER OVERVIEW

Please note - To access the Data Transfer menu. Please refer to this previous section - Accessing Channels, Washer Extractors, Formulas and Data Transfer (P28)



Allows you to download the individual settings from a unit to transfer. These include;

- Site
- Unit
- Users
- Channels
- Products
- Washers

2

Use the drop down menu to select a specific formula to transfer

DATA TRANSFER SAVING A JSON FILE

STEP 1

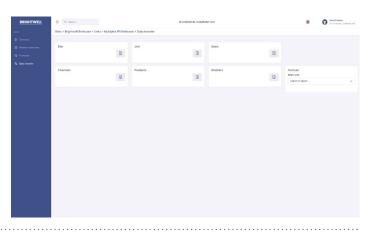
STEP 2

If you want to download JSON setup data for your Multiplex system and transfer it to an offline unit via the Web Server.

drop down for specific Formula data to download a file. Please note - For the initial setup you will need to

Using any of the Download icons seen on here, or the

download <u>ALL</u> files. After this has been done, any changes to the Washers, Formulas or Channels can be downloaded and replaced individually. Please refer to the Configuration Tool user guide for information on how to upload to the unit.





5.4 KB • 6 minutes ago MPANY VIC	sta transfer Users		S251342359_site (3).json 5.4 KB • Done	All Bookma
Users	Users	OMPANY VIC		MPANY VIC
		ata transfer		
		Users		

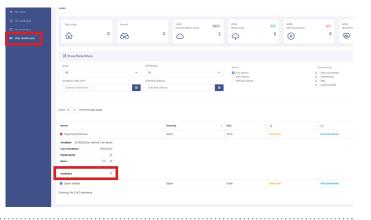
STEP 3

Once the JSON file has downloaded, it is ready to be used via the Configuration Tool.

STATISTICS

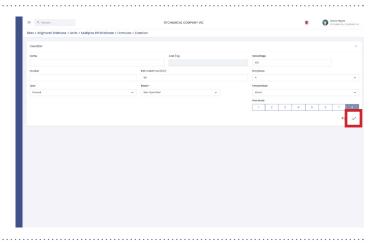
STEP1

To access the **Statistics** you will need to be on the Sites Dashboard page. Click the + icon to expand the company and press on the Search icon that appears.



STEP 2

Use the options available here to set the parameters for your report including the machine and dates you want to run it between.



STEP 3

Use the **Tick icon** on the right hand side to start the report generation.

STATISTICS

STEP 4

Your statistics production stats will now display on the screen.

BRIGHTWELL	≓ 0, Search.			01 C	HEMICAL CO	IMPANY VIC					Devid P	ayes CALCOMPANY VIC	
	Sites > Brightwell Briefcase	> Statistics > G	Seneral summary 3	All units									
	All units All shifts								All end ousto	omers	03 Mot, 2024 To	30 Jun, 20:	
	TOTAL PROCESSED XB	as total	L PROCESSES	21%	DAYS WITH	RODUCTION	17%	OPERATION HE	uts	0.2 %	KG OF REJECTION F	ORMULAS 0 %	
			nai maximum: 144	0	Days in peri	od: 120	8	Total available	time (n): 142	0	0	C	
	Daily production in selec	ed period											
	Xg/process Xg/day 50 75	кg/h 428.57											
											00	100 100	
				_	_	_						20 75	
	27 Mar 28 Mar 29 Mar	AD MAY AD MAY AD	74 02 AV . 03 AV . 0		05.km 07.k	Y 08.64 09.1				They Blay	They When Make	50	
	Daily productivity values						productivity						
	Date Kg	%dev. Opr	eration h % usag	n Kg∕h	Kdev						• •	= n 5.	
	28-03-2024 50.0 20-04-2024 100.0	-88.3%	0.3 -98.5%		-63.5%		100						
							26 Mar 29 M	or Apr 24 03 Apr 05 Apr 05 Apr 07 Apr 09 Apr 11 Apr 13 Apr 15 Apr 17 Apr 19 Apr ● Kg / h . ● Hours per day					
	OEE Results		OEE view per m	ochinery						A	volability Performan	ov Quality	
	AVAILABILITY (USAGE)	0.2%	2.00	-									
	PERFORMANCE	1.6%	122										
	QUALITY	100%	1.1										
	OEE	0%	0.67										
	Additional support param	ators	0.00										
	Average process time (h)	a -	E Process Usoge ti										
	Oee data per machinery												
	Machinery name Nominal		ocess time Optimal p				Availability (%				Non-rejection kg		
		0.00	0.02	23	1	0.32	0.0		50.0	0.08	50.0	100.00	
	orbou_test 6		0.02	23	2	0.03	0.0	197800.0	1000	0.06	100.0	100.00	



01 CHEMICAL COMPANY VIC

#

David Hayes

BRIGHTWELL

= Q. Search..

STEP 5

If you want to see the Consumption statistics for your unit press the **Consumption icon** in the side navigation bar.