MATOS Monitoring

Full User Guide

Ver. 1.3

1) 'LANDING' Page

Your MATOS Monitoring provider should have provided you with a personalised Username and Password for access to the units monitored at your location. This Username and Password combination will be provided on the date of commission and will allow access to your data via any device with Internet Access.

Open a web browser and navigate to <u>www.matosmonitoring.com</u> and enter your Username and Password in the dialogue boxes [shown in Figure 1.1].

MATOS MONITORING LOGIN
User Name:
Password:
Login
New MARIOS & Monitoring Works
Iser Cuide or Email support/Amatermonitoring.com



Once logged in you will be directed to the Overview page [shown in Figure 2.1] which acts as the homepage for rollexmonitoring.com, from which you are one click away from more information.

Alerts [explained in Section 10] are generated when the unit either losses communication, losses power, expeirinces a prolonged door opening or a temperature excursion outside the user defined temperature ranges.

To log out at any point, click the logout link and the top right of the page.

2) 'OVERVIEW' Page

The Overview page lists all assets currently associated with your account. This page allows you to view the status of each unit at a glance. Green signifies all ok and Red signifies active alert status.

	nat	OS	® nitoring												w	elcome r	natos <u>S</u>
view	Profile Ci	ustomers	Customer Users	Customer Site	Manage Devices	Manage Assets	Status	Alert Contacts	CS\	/ Export	Reports						
•=	Mon	itorine	g Data														
ilters	5:		5														
ustor	ner:		▼ ld:	Asset	Name:		Device S	Serial Number:				Search	Clear				
Late	est Asset Temp	eratures:															
Lege	nd: Temperature /	Alert Statu:	S Critically Cold Too C	old Normal Rang	Too Warm Critically W	arm DNR (Device	not respondi	ing)									
												Si	ome assets eared. Clic	k here to s	eir alerts ee the ass	to be et list	
	1			Accot			1										
ld	Serial No	Ass	set Name	Asset Type	Location	Last Da	te Received	I Se	ensor1	Sensor2	Sensor3	Sensor4	Sensor5	Sensor6	Sensor7	Sensor8	Alert Status
ld 465	Serial No 00:0C:C8:03:10	Ass):01 Fri	set Name idge 1	Asset Type Fridge	Location	Last Da 26/03/2 Zealand	te Received 1018 19:24:3 I Standard	I Se 35(New Time) 4.0	ensor1 0	Sensor2	Sensor3	Sensor4	Sensor5	Sensor6	Sensor7	Sensor8	Alert Status
ld 465 355	Serial No 00:0C:C8:03:10 00:0C:C8:03:0P	Ass 0:01 Fri 7:D2 Fri	set Name idge 1 dge 2	Asset Type Fridge Fridge	Location 1 Location 2	Last Da 26/03/2 Zealand 26/03/2 Zealand	te Received 018 19:24:3 J Standard 018 19:25:1 I Standard	I Se 35(New 4.0 Time) 7.1 Time) 7.1	ensor1 0 1	Sensor2	Sensor3	Sensor4	Sensor5	Sensor6	Sensor7	Sensor8	Alert Status Cleared UnCleared

Figure 2.1

Temperatures for each unit are displayed in the columns named 'Sensors 1-8' and are colour coded to indicate their current status. A green temperature indicates the last recorded temperature was within the predefined temperature limits. A red temperature indicates the last temperature recorded was outside of the defined alarm limits.

If a device stops communicating with the server for longer than 15 minutes, the temperature box will be coloured yellow and will display 'DNR'.

The final box in the row indicates the asset's current alert status. Green indicates no active alert status and red means the asset is currently in alert and requires action. Please note the asset alert status will remain red until the active alert has been cleared. i.e. if the asset goes back into the correct temperature range, or the door is closed the alert will persist until acknowledged by a user. The temperature display box will return to green automatically once it returns to the normal range.

The account group alert indicator is located above the units last recorded information on the upper right of the page. This will be displayed red if <u>any</u> of the assets associated with the account are currently in alert status or have alerts yet to be cleared.

If your account has access to multiple customers/accounts/locations etc, the drop-down box 'Customer' will enable you to select the specific location to be displayed. You may also search for a specific unit using the ID, Name or Serial Number. The ID is a unique identifier allocated to each device when it is added to the website. The Serial number relates to the monitoring device that is collecting the data and may be utilised by multiple assets.

To quickly check the temperature history of a unit, hover the mouse cursor over the required unit's temperature display box and select either 'Daily', 'Weekly' or 'Monthly' to see the corresponding information [shown in Figure 2.2].

Clicking on an Asset Name will take you directly to the status page for the selected asset.



Figure 2.2

This graph will show the highest, lowest and averages temperatures of an asset for the selected period. A red shaded area indicates temperatures that are above the pre-set high alarm limit and a blue shaded area indicates temperatures that are below the pre-set low alarm limit. This graph can be printed as displayed by clicking the 'PRINT' button.

3) 'PROFILE' Page

The profile page is used to view and edit the login and contact information for the account currently in use. This page allows you to adjust the information allocated to this account. Similar changes can be made to the Customer and Customer User level accounts [shown in Figure 5.1 and Figure 6.1]

=r	na		® hitoring									Welcome rollex Sign	1 Out
Overview	Profile	Customers	Customer Users	Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports			
a.	Edi	it Organ	ization										
Name:		MATOS Monitor	ing NZ										
Contac	ti i	Alastair Comrie											
Phone:		6492740707											
Mobile:		6421710428											
Email:		support@matos	monitoring.co.nz										
Addres	s:	38E Highbrook E Highbrook, Auckland, 2013	Drive,								-		
Save	Can	cel											

Figure 3.1

To view or change your contact information, edit the appropriate fields, and click the save button.

4) 'CUSTOMERS' Page

The Customers page lists all the customer accounts under an Organization account. Each account will be displayed with the name, contact details and number of users. This will only be visible when logged in as an Organization level account.

= r	na		S [®]										Welcome	ə rollex <u>Sign (</u>
Overview	Profile	Customer	s Customer Users	s Customer Sites	Manage Devices	Manage Assets	Status Ale	rt Contacts	CSV Export	Reports				
2	С	ustomei	rs List										Add ne	ew Customer
Filters														
ld		Name:		Contact	PI	hone	Mol	oile		Email		Search	Clear	
Action		ld	Name		Contact	Phone	Mobile		Email		Address			MaxUsers
Delete	<u>Edit</u>	291	Customer 1		Kevin									6
Delete	<u>Edit</u>	113	Customer 2		Rob									10
Delete	Edit	159	Customer 3		Kieran									5

Figure 4.1

To add a new Customer account, click the 'Add New Customer' link. Fill in the required fields (indicated with a red asterisk), including a username and password for the customer account [shown in Figure 4.2]. This account will have access to the specific units outlined in the device setup page [shown in Figure 7.1]

San Add/Edi	t Customer
Name:*	
Contact:*	
Phone:*	
Mobile:*	
Email:*	
Address:*	
City:*	
State:	
Postal Code:	
Building Number:	
Floor Number:	
Ward/Department Name:	
Room Number/Name:	
User Name:*	
Password:*	
Max User:*	1 •
Enable SMS Limit:*	8
Enable Return to Normal Alert:*	0
Save Cancel	

Figure 4.2

To view or edit an account click the edit link next to the account in question. To delete an account, click the delete link and confirm.

The Customer Pages can only be viewed by an Organisation level account.

5) 'CUSTOMER USERS' Page

The Customer Users page displays all the Customer User level accounts linked to a Customer level account. If logged in at Organization level, different Customers can be selected via the dropdown box. If a specific Customer is not selected, all Customer Users for all Customers under the Organisation account will be displayed. This page is only viewable if you are logged in as an Organization or Customer level account.

=r	na	tos	®								Welcome rollex <u>Sign C</u>
Overview	Profile	Customers	Customer User	s Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports	
,	Cus	tomer	User List								Add New Customer User
Filters:											
Custom	er: Not Set	•	ld	First Name:	Last Name						
Phone			Email	Search	Clear						
Action		ld	First Name		Last Name	Email				Phone No	User Name
Delete	Edit	620	Allie								
Delete	Edit	427	Ambulatory Ca	ire							
Delete	Edit	185	Angela								

Figure 5.1

To add a new Customer User account, click the 'Add New Customer User' link above the table. Fill in the required fields (indicated with a red asterisk) [shown in Figure 5.2], including a username and password for the customer account. At this level you must also select which site and assets you wish that account to see. If no sites have yet been set up for a Customer, these must be set up first before the checkboxes can be selected.

To view or edit an account click the edit link next to the account in question. To delete an account, click the delete link and confirm.

= ř	na		® onitoring									Welcome rollex <u>Sign</u>
Verview	Profile	Customers	Customer Users	Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports		
~												
۵	Ac	ld/Edit C	Customer U	ser								
Custo	mer:	Rollex Test Acc	count	¥								
First N	lame:*											
Last N	lame:*											
Email	-											
Phone	No:*											
Mobile	: *											
Addre	ss:*											
User 1	Name:*											
Passw	ord:*											
Sites:		Location :	1									
		Location 2	2									
		Location 3	3									
nure	52											

Figure 5.2

This page can only be viewed by an Organisation Level or Customer Level account.

6) 'CUSTOMER SITES' Page

The Customer Sites page lists all sites under a customer level account. The site name and location/address are displayed in the table.

=r	na		® itoring									Welcome rollex <u>Sign C</u>
Overview	Profile	Customers	Customer Users	Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports		
	Cu	stomer	Site List									Add New Customer Site
Filters: Custom	er: Rollex	Test Accou 🔻	ld Si	te Name	Site	Address		Search	Clear			
Action		ld	Site Name			Site Ac	Idress					
Delete	dit	20	Location :	L								
Delete	dit	442	Location 2	2								
Delete	Edit	379	Location 3	3								

Figure 6.1

To add a new Customer Site, click the 'Add New Customer Site' link above the table. Select which Customer account is to be loaded under from the dropdown box and enter the required details (indicated by the red asterisk) [shown in Figure 6.2].

ma		onitoring								Welcome re	ollex <u>Sig</u>
rview Profile	Customers	Customer Users	Customer Sites	Manage Devices	Manage Assets	Status /	Alert Contacts	CSV Export	Reports		
_											
÷.											
	Id/Edit C	lustomor S	Sitoc								
📉 Ad	ld/Edit C	Customer S	Sites								
Customer:	ld/Edit C	Rollex Test Account	bites	¥							
Customer: Site Name:	ld/Edit C	Rollex Test Account	bites	T							
Customer: Site Name:* Address:*	ld/Edit C	Customer S Rollex Test Account	bites	¥							
Customer: Site Name:* Address:* City:*	ld/Edit C	Customer S	bites	T							
Customer: Site Name:* Address:* City:* State:	ld/Edit C	Customer S	bites	•							
Customer: Site Name:* Address:* City:* State: Postal Code:	Id/Edit C	Customer S	bites	v							
Customer: Site Name: Address: City: State: Postal Code: Building Number	Id/Edit C	Customer S	bites	v							
Customer: Site Name:" Address:" City:" State: Postal Code: Building Number Floor Number:	Id/Edit C	Customer S	Sites	T							
Customer: Site Name:* Address:* City:* State: Postal Code: Building Number Floor Number: Ward/Departme	Id/Edit C	Customer S	Sites	Y							

Figure 6.2

To view or edit a Customer site, click the 'Edit' link next to the site in question. Make any changes and click save to save the changes.

To delete a Customer Site, click the 'Delete' link and confirm.

Please be aware that deleting a Customer Site will cause all devices and assets assigned to the site to be unassigned, and will require adding to another site before they can be accessed.

This page can only be viewed by an Organisation or Customer Level account.

7) 'MANAGE DEVICES' Page

The Manage Devices page lists all monitoring devices currently assigned to a Customer Site. A device is the monitoring unit or Data Acquisition Device connected to a particular asset. These devices are identified by their unique Serial Number, ID or Device Name. Note that it is possible to have multiple assets assigned to one device, however they must all be at the same location.

_ r	na		® nitoring									Welcome rollex <u>Sign</u>
Overview	Profile	Customers	Customer l	Jsers Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports		
	Cu	istomer	Site De	evices List							Add New Customer Site Device	Manage Deleted Device
Filters:												
Custon	ner: Not	Set •	Site Name	Not Set								
ld		Serial Number	r	Device Na	ime	Search	Clea	ir				
Action			ld	Site Name				Serial Number		Device N	lame	
Delete	Edit		86	NZ Test Fridges				00:0C:C8:02:4	8:8E	X300 Te	mperature Sensor	
Delete	Edit		95	NZ Test Fridges				00:0C:C8:02:4	9:3A	X-300 H	umidity Sensor	
Delete	Edit		84	Location 1				00:0C:C8:02:5	B:81	Exampl	e Device	

Figure 7.1

To add a new device, click the 'Add New Customer Site Device' link.

Select the Customer and Site Name that the device is allocated to and enter the Devices' Serial Number in the form XX:XX:XX:XX:XX:XX:XX. E.g. 00:0C:C8:02:AA:99.

Give the device a name that indicates where it is installed e.g. "Fridge 1 Pharmacy", and select the type of device to be added from the dropdown box: MATOS, MATOS DC, X-300, X-310 etc.

Overview Profile Customers Customer Users Outsomer Sites Manage Devices Manage Assets Status Alert Contacts CSV Export Reports Image Devices Add/Edit Customer Device Organization:** MATOS Monitoring NZ Customer:* Reliex Test Account Site Name:* N2 Test Fridges Device Type: MatosDC Device Type: MatosDC Enabled Inputs: 1 2 3 Device Type: MatosDC Device Type: Vertice Temperature units: 'C	Welcome rolle									S [®] onitoring		na	_ ľ
Add/Edit Customer Device organization: MATOS Monitoring NZ Customer: Rolex Test Account • Ste Name: • MATOS/X00 serial number: • • Device Name: • • Device Type: MatoDC • Enabled Sensors: 1 2 3 • Enabled Inputs: • • Device Time Zone: Select • Temperature units: 'C •			Reports	CSV Export	Alert Contacts	Status	Manage Assets	Manage Devices	Customer Sites	Customer Users	Customers	Profile	Overview
Add/Edit Customer Device Organization:** MATOS Monitoring NZ Customer:** Relex Teak Account • Site Name:** NZ Teak Fridges • MATOS/X300 senal number:* 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2													
Add/Edit Customer Device Organization:* MATOS Monitoring NZ Customer:* Relies Test Account • Site Name:* NZ Test Fridges • MATOS/X300 serial number:* : : : Device Name:* Matob • • Device Name:* : : : Device Type: MatobC : : Enabled Inputs: : : : : Device Type: : : : :													
Organization:* MATOS Monitoring NZ Customer:* Rollex Test Account Ste Names:* NZ Test Fridges MATOS/X300 serial number:* : : : : : : : : : : : : : : : : : : :									Device	Customer D	d/Edit C	Ad	
Customer:* Rollex Test Account Ste Name:* N2 Test Fridges MATOS/X300 serial number:* : Device Name:* : Device Type: MatoS/C Enabled Sensors: 1 2 3 Enabled Inputs: 1 2 3 Device Time Zone:* Select Temperature units: 'C									NZ	MATOS Monitoring		zation:*	Organi
NZ Test Fridges v MATOS/X300 serial number* : : : : : : : : : : : : : : : : : : :		۲								Rollex Test Account		ner:*	Custor
MATOS/X300 serial number:* : : : : : : : : : : : : : : : : : : :		۲								NZ Test Fridges		ame:*	Site N
Device Name:" Device Type: MatoaDC Enabled Sensors: 1 2 3 Enabled Inputs: 1 2 3 Device Time Zone:" Select Temperature units: 'C									: :		ial number:*	5/X300 ser	MATOS
Device Type: MatsoDC Enabled Sensors: 1 2 3 Enabled Inputs: 1 2 3 Device Time Zone:* Select Temperature units: 'C												Name:*	Device
Enabled Sensors: 1 2 3 Enabled Inputs: 1 2 3 Device Time Zone:* Select V Temperature units: C V										MatosDC		Type:	Device
Enabled Inputs: 1 2 3 Device Time Zone:* Select Temperature units: C										1 2 3		d Sensors	Enable
Device Time Zone:* Select • Temperature units: *C •										1 2 3		d Inputs:	Enable
Temperature units: C 🔹		•								Select	e:*	Time Zon	Device
		٣								°C	ts:	rature unit	Tempe
Report frequency: Monthly T		۲								Monthly	c.	frequency	Report
Notes:													Notes:

Figure 7.2

Next, select which sensors are in use from the radio buttons labelled 'Enabled Sensors'. Select the enabled inputs from the radio buttons labelled 'Enabled Inputs' e.g. Power & Battery Status or Door Status for a fridge. Select the time-zone of the device from the dropdown box, along with the appropriate temperature units (Celsius by default).

Device Frequency refers to the frequency of generation of automatic pdf reports which are emailed to the main contact of the account.

Finally, you may wish to add notes to the notes field to further identify the device in the future, or to make a note of a device's local network settings. Click Save to save the changes.

To view or edit a device's details, click the 'Edit' link next to the device in question.

To delete a device, click the 'Delete' link to remove the device from the active list. This will unassign the device from all related contacts.

To view deleted devices, click the 'Manage Deleted Devices' link. You can then restore a deleted device or permanently delete.

Warning: permanently deleting a device will result in the loss of all stored records for that device and is only necessary in extreme cases. Do not permanently delete unless you are absolutely sure this is necessary.

=r	na	tos	* nitoring								Welcome rollex Sign C
erview	Profile	Customers	Customer Use	ers Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports	
	Cu	stomer	Deleted	Devices Lis	t						Manage Row Device Status Data
Filters:											
Custom	ner: Not S	et y	Site Name:	Not Set							
ld		Serial Numbe	r	Device Na	eme						
Searc	h Cle	ar									
Action			ld	Site Name		Serial Numi	ber		Device Nam	2	
Perma	nently Dele	te UnDelete	5	NZ Test Fridges		00:0C:C8:0	02:5C:3B		00:00:08:02	:5C:3B (4 sensors)	
Perma	nently Dele	te UnDelete	52	Location 1		00:0C:C8:0	2:64:14		Device 1		
Perma	nently Dele	te <u>UnDelet</u> e	94	NZ Test Fridges		00-0C-C8-	02-64-11		Alastair Test	Device	
Perma	nently Dele	te UnDelete	138	NZ Test Fridges		00:00:08:0	2:64:14		Ali Test Wan	ahouse	

Figure 7.3

8) 'MANAGE ASSETS' Page

The Manage Assets page lists all assets assigned under assigned to a Customer Site. The asset is the object or environment that is being monitored and is associated with a particular device. E.g. 'Fridge 1 Pharmacy Internal Temperature'.

— r	na		® nitoring									Welco	me rollex <u>Sign (</u>
Overview	Profile	Customers	Customer Us	ers Customer Sites	Manage Devices	Manage Assets	Status	Alert Contact	CSV Export	Reports			
													_
	As	set List											Add New Asset
Filters	:												
Custor	mer: Rolle	ex Test Accour 🖲	Site Name:	Not Set 🔹									
ld		Asset Serial N	umber	Ass	et Name	S	earch	Clear					
Action			ld /	Asset Name			Asset Typ	e Asss	et Serial Number	De	vice Name		
Delete	e <u>Edit</u>		618	<-310 Demo Staff Fridge			Fridge	00:00	C:C8:03:27:E8	X-3	310 Demo Staff Fridge		
Delete	<u>Edit</u>		710	Vireless Ambient			Room Te	mp 00:00	C:C8:04:04:A1	We	b Relay Wireless Test Device		
Delete	Edit		299	sset 1			Room Te	mp 00:00	C:C8:03:27:A5	M3	10 Test Device		

Figure 8.1

To set up an asset, click the 'Add New Asset' link above the table. From the dropdown boxes, select the Customer, Site Name, and the Device Name for the asset [as shown in Figure 8.2]. These must be added prior to setting up an asset. Select the asset type from the dropdown list and give the asset a name to identify it.

Add/Edit	Asset	
Organization:*	MATOS Monitoring NZ	
Customer:*	Rollex Test Account	•
Site Name:*	NZ Test Fridges	•
Device Name:*	M310 Test Device	¥
Asset Type:	Fridge	•
Asset Name:*		
Critical Repeat Alerts Disabled		
Non Critical Repeat Alerts Enabled:		
Enable Sensors:	1 2	
Sensors:		¥
Enable Inputs:	1	
Inputs:		¥
Asset Serial Number		
Contact Person*		
Contact Phone Number*		
Contact Email*		
Customer Asset Number		
Save Cancel		



You can select to either *disable* Critical alert repeats or *enable* Non-Critical alert repeats using the checkboxes. Critical alert repeats are on by default and consist of Power, Battery, Network or Critical Temperature Alerts. Non-Critical alert repeats are off by default and consist of Door, Caution or Warning Temperature Alerts.

Critical Repeat Alerts Disabled:	•	
Non Critical Repeat Alerts		
Enabled:		
Repeat Alert Delay:	5	minutes

Figure 8.3

The Sensor information will prepopulate based on the number of sensors enabled on the device, and the asset type. Enable each required sensor using the checkboxes. If no sensors are available to select, they must first be enabled on the Device page.

Check the sensor temperature thresholds by selecting the appropriate sensor from the dropdown box. If these are incorrect, or you wish to have different temperature thresholds, these can be changed in the fields below. The default temperature thresholds are based upon the asset type selected.

Enable Sensors:	1 2		
Sensors:	1		•
Sensor Name:*	Sensor 1	1	
Sensors Type:*	Tempera	ature T	
Critical High:*	12	°C	
Caution High:*	10	°C	
High:*	8	°C	
Caution Low:*	2	°C	
Critical Low:*	1	°C	

Figure 8.4

The sensor alarm thresholds work as follows:

Critical High: Instant alert is sent if a temperature is recorded above or equal to this value.
Caution High: Two Consecutive readings at or above this value will cause an alert to be sent.
High: Two readings within five minutes will cause an alert to be sent.
Caution Low: Two Consecutive readings at or below this value will cause an alert to be sent.
Critical Low: Instant alert is sent if a temperature is recorded below or equal to this value.

Select required digital inputs using the checkboxes to enable them. If no inputs are available to select, they must first be enabled on the Device page.

Inputs:	1	¥
Input Type:*	Power •	
Faulty Value:*	🖲 0/False 🔘 1/True	
Override Alert Time:*	in seconds1 to use global setting, 0 for immediately and >0 for delayed	

Figure 8.5

Check the Inputs are correct by selecting them individually from the input dropdown box and select either Power, Door or Battery status, depending on which inputs are in use. The faulty value indicates whether true (1) or false (0), indicates an alarm state for the selected digital input.

Finally, fill in the contact details for the person in charge of maintaining the asset along with its serial number.

9) 'STATUS' Page

The status page shows detailed status information for a single asset at a time.

Legend: DNR																					Son clea	ne asset ired. Cli	ts requi ck here	re their alerts t to see the asse	o be t list	
elect Asset: PG502 MATOS Wireless D	emo		Sensor:	1 🔻 2	26/03/201	8 8	PM V	Hourly	Dail	y © Wee	кly ⊚ м	onthly	Go F	Print Gra	ph NO	TE: Whe	n the PRI	NT buttor	is clicke	ed, you w	vill be pr	rompted t	to downle	oad a .PDF file. Ye	ou can open	r save th
xport options																		÷								
CSV Export Go																										
he data reported below is from the last 24 h	ours by del	ault. To di	splay a diffe	rent 24 h	our period	please sel	lect the date	e and time	to start t	hat period	in the box	es above	e, and clk	k GO.												
				_											Last	device	commur	ication	was at:	26/03/2	018 8:4	12 PM N	ew Zeal	and Standard 1	īme	
ast Temperature	2 PM New	Zealand S	standard Ti	me							2.6															
Vin Temperature recorded at 26/03/2018 3	38 AM										3.2	-				Asset te	mperati	ure is Of				Aler	ts need	to be CLEARE	o	
Max Temperature recorded at 26/03/2018 1	1:40 AM										4.6	-														
Avg Temperature (Last 24 hrs)											3.9	-			Asset I	as lost	power		Door in	put not	conne	cted		Battery not ins	talled	
												_														
	Tensperature		45 4,4 34 33 8PM 30Ph	4.4 333	4 4 3 3 3	4,4 4,4 3,3 3,3 3,3 3,4 2,4 4,4	4.4 32	44 4 33 3	3 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Average 4.4 32	44 32 84M 2	4 5 4	6 4.6	5 4.8 1 3.4	i 4,6	4.6 3.5 3.PM	4.6 3.5 4.PM	4.5 3.4 5.PM	4.6 3.4	4.6 3.4	4.6 3.4				
										. Annes Anne																
					NC	TE: If there	e are any ga	ips in the g	raph, thi	is is where	the devic	e was no	t able to	contact th	ne serve	r during	this time									

Figure 9.1

To select which asset to view, choose from the dropdown box and select which sensor you require detailed information for.

Select the time period you require (the last connection time is the default), the time period for your quick graph (daily, weekly or monthly) and click 'Go' to refresh the graph and data.







If the temperature display box is showing green, the temperatures are in the normal range. If it is showing red, the temperature is currently outside of its alarm thresholds.

	Last device communication was at: 26/03/2018 9:20 PM New Zealand Standard Time										
	Asset temperature	is in	ALERT	Aleri	ts nee	ed to be CLEARED					
	Asset has lost power		Door input no	ot connected		Battery not installed					
1		Vi	ew cleared alerts h	history for this dev	/ice						

Figure 9.3

If any of the digital input status boxes are showing green, they are currently in a normal state. If they are showing red, the digital input is currently in alarm state.

If the alert status box is currently red, it is indicating there is an active alert for the asset. Click the box to view the active alerts. To clear an alert, fill in a name, and action taken and select ok. Multiple alerts can be cleared at once if required.

Clear Asset Alerts for PG502 MATOS Wireless Demo		×
 Alert #12 (24/01/2018 3:26 PM) Device lost power, input statues = 0 ✓ Alert #13 (23/11/2017 10:42 AM) Device lost power, input statues = 0 Person Name: 		*
Actions:		
Submit Cancel	/i	*

Figure 9.4

Click the button underneath the status boxes to view the cleared alert history for a particular asset. Note t	hat
this history cannot be altered.	

Cle	ared Alert	t list for PG502	MATOS Wireless Demo				×
	AssetId	Alert Date (Device Time)	Alert	Person Name	Actions	Clearance Date (Device Time)	
	68	24/01/2018 3:26 PM	Cat 1 - Immediate Alert where value >= 12, Sensor 2 Value =29.2°C	Mark	Who unplugged it?	15/03/2018 12:43 PM	
	68	03/09/2013 12:05 PM	fridge has lost power,SerialNumber=00:0C:C8:02:5B:89,Input1State=False	AY	Power re- connect	06/01/2014 8:17 PM	
	68	09/09/2013 9:16 AM	fridge has lost power,SerialNumber=00:0C:C8:02:5B:89,Input1State=False	Alastair	Clear	06/05/2014 3:35 PM	
	68	16/12/2013 3:05 PM	Cat 1 - Immediate Alert where Temperature >= 12,Sensor1Temp=18.1	Alastair	Clear	06/05/2014 3:35 PM	
	68	28/01/2014 12:43 PM	Cat 1 - Immediate Alert where Temperature >= 12,Sensor1Temp=12.1	Alastair	Clear	06/05/2014 3:35 PM	
		20/02/2014	fridae has lost			06/05/2014	•

Figure 9.5

The auto generated graph appears at the bottom of the page and shows trends for the Maximum, Minimum and Average temperatures for the time period selected; default 24 hours, along with the relevant High/Low recordings. Alternatively, you can click Print Graph to generate a pdf.



Figure 9.6

Custom graph periods can be viewed via the reports page [shown in Figure 12.1].

The Temperature Summary table on the left lists the last recorded temperature and the time it was received, along with the Maximum, Minimum and Average temperature for the last 24 hours. The time the Maximum and Minimum occurred are also stated.

LAST RECORDED DATA at 26/03/2018 9:22 PM New Zealand Standard Time								
Last Temperature								
Min Temperature recorded at 26/03/2018 3:38 AM								
Max Temperature recorded at 26/03/2018 11:40 AM	4.6							
Avg Temperature (Last 24 hrs)	3.9							



Above the Status box is the Group Alert Indicator which outlines if any of the devices have a current uncleared alert. The box will be coloured red if a device is in alert status and green if there are no uncleared alerts. Click the box to view the list of devices in alert, and links to the relevant status page.

Some assets require their alerts to be cleared. Click here to see the asset list

Figure 9.8

10) 'ALERT CONTACTS' Page

The Alert Contacts Page displays all the alert contacts allocated to this account. Alert Contacts can be sorted into three classifications: All Hours, Work Hours, and After Hours. These groups can be displayed separately using the search filters above the table.

		® nitoring									Welcome rollex <u>Sig</u>
rview Profile	Customers	Customer Users	Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports		
	Manage	Alert Cont	acts							Edit Regular Work Hours	Add New Alert Contact
Filters: Customer:	Not Set	¥									
ld © Regular H	Name	urs ® All Hours	Mobile	Er	nail					Search	Clear
Action	Aler	tid AlertNam	e			AlertMobi	le	AlertEmail		Time	Alert Tier
Delete Edit	491	Alert Co	ntact 1			6421111	1111	example@a	ertemail.com	All Hours	Tier 1
Delete Edit	245	Alert Co	ntact 2			6421111	1112			All Hours	Tier 1
Delete Edit	618	Alert Co	ntact 3					evamnle?@	alertemail.com	All Hours	Tier 1

Figure 10.1

To set up a new alert contact, click the 'Add New Alert Contact' link above the table. If you are logged in as an Organisation account, select which Customer to add an alert contact to using the dropdown box. Enter the Alert Contact's Name, email address and mobile number.

The mobile number must include the country code. E.g. mobile 0410 110 110 (Country code 61) would be entered as 61410110110. Using the radio buttons, select whether the Alerts should be sent during work hours, after hours, or all hours.

Alert tier refers to order of receiving repeated alerts.

Select whether a pdf report is to be sent automatically to the email inbox using the checkbox and finally select which assets require alerting. Select the checkbox next to a site to receive alerts for all assets at that location. Individual assets can also be selected if desired.





To View or edit an alert contact, click the 'Edit' link next to the contact you wish to view in the table. To delete a contact, click the 'Delete' button and confirm.

To adjust 'Normal Working Hours', click the 'Edit Normal Working Hours' link above the table. If logged in at Organisation Level, select which Customer you want to edit work hours for via the dropdown box.

Set the hours for each day of the week in 24-hour format using the text boxes.

You can set the same hours for a weekday using the checkbox. You may also enable and disable the set work hours using the check box labelled enable. Any alerts generated outside of these work hours will go to contacts that are designated All Hours or After Hours. Any alerts generated during work hours will go to contacts designated Work Hours.





11) 'CSV EXPORT' Page

The CSV export page allows you to download all data for a particular asset as a CSV file viewable in any compatible application such as Microsoft Excel. Simply select the Customer and asset from the dropdown boxes and select a start and end date. Clicking export will generate the CSV file and automatically start the download.

matos. Montoring									W	/elcome rollex §		
erview Profile	Customers	Customer Users	Customer Sites	Manage Devices	Manage Assets	Status	Alert Contacts	CSV Export	Reports			
Customer:	Rollex	Test Account	in CSV for	mat						¥		
Asset:	ALL AS	SETS								¥		
Start Date:	26/03/2	018										
End Date:	26/03/2	018										
Export 0	Cancel											

Figure 11.1

12) REPORTS

The reports page generates and displays custom reports as well as lists daily Maximum and Minimum temperatures, alerts that have been generated along with the time each has occurred.





To generate a new report, select a Customer Site, Asset and Sensor Number from the dropdown boxes. Select a valid date range and click 'Display Data'. You may also click 'Print Graph' to view a pdf of the graph and report or export as a pdf using the appropriate buttons. Note that you can select to graph multiple sensors along with digital input statuses on the same report.

	Asset Report							
Filters:								
Customer:	Rollex Test Account ▼ Sites: NZ Test Fridges ▼ Assets: PG502 MATOS W ▼							
Sensors & Inputs:	 Fridge Temperature (1/Temperature) Amblent Temperature (2/Temperature) Sensor 3 (3/Temperature) Power (1) 							
Start Date:	26/03/2018 Start Time: 00:00 End Date: 27/03/2018 End Time: 00:00 Page Size 10 ▼							
Display Dat	a Clear Print Graph Export PDF							

Figure 12.2

A graph will be automatically generated on the page plotting the temperature data for the period specified.





Figure 12.3

Absolute high and low temperature received for each day

Below the graph will be a table listing the Maximum and Minimum temperature values for each day as well as a record of temperature alerts for the given period. The default quantity of alerts is 10, to increase the size of the page listing these temperature values and alerts, select the page size from the dropdown box above the graph.

Date	High temperature	Low temperature			
7/03/2018	4.7	3.4			
8/03/2018	4.6	3.3			
9/03/2018	4.6	3.2			
10/03/2018	4.6	3.2			
11/03/2018	4.6	3.2			
12/03/2018	4.4	3.2			
13/03/2018	4.6	3.1			
14/03/2018	15.1	3.3			
15/03/2018	4.6	3.2			
16/03/2018	4.6	3.1			
1 2					
Critical Alerts where temperature was below 2 °C and/or above 8 °C					
Date		Temperature			
14/03/2018 4:12:07 PM		8.3			

Date	Temperature
14/03/2018 4:12:07 PM	8.3
14/03/2018 4:14:07 PM	8.6
14/03/2018 4:16:07 PM	9.0
14/03/2018 4:18:07 PM	9.2
14/03/2018 4:20:07 PM	9.5
14/03/2018 4:22:07 PM	9.8
14/03/2018 4:24:07 PM	10.0
14/03/2018 4:26:07 PM	10.3
14/03/2018 4:28:07 PM	10.5
14/03/2018 4:30:07 PM	10.8
1 <u>2 3 4</u>	



13) SUPPORT

For technical support relating to matosmonitoring.com or another MATOS monitoring device please email support@matosmonitoring.com or contact your local MATOS Monitoring Provider/Partner:

Rollex Group Australia

11 Vangeli Street Arndell Park NSW 2148 Ph: 1300 880 441 sales@rollexmedical.com.au service@rollexmedical.com.au

Rollex Medical NZ Limited

44c Crooks Rd, East Tamaki, Manukau 2013, Auckland, New Zealand **Phone: +64 9 274 0707** Fax: +64 9 274 0709 <u>sales@rollexmedical.co.nz</u> <u>service@rollexmedical.co.nz</u>

Ethicheck Limited Unit 4a, Blacknest Industrial Estate, Bentley, Hampshire, GU34 4PX, United Kingdom Phone: +44 (0)1372 236 455 info@ethicheck.eu