InvisibleSystems

How to Manage Alarms in Live by Invisible Systems



A guide to managing alarms in Live by Invisible Systems

This guide will show you how to add, edit and manage your alarms in Live by Invisible Systems.



Step 1

To set up an alarm for a sensor, **click 'System setup'** from the side menu, then **select 'Alarm thresholds'**.

Step 2

You'll see a list of all your sensors. To find the sensor that you want to add an alarm to, you can **search for it using the search bar**.

5	<	← Conditions			0	Invisible Syste	ems Head Office
Legionella	<			+ Ed	it Dashboard 1w	Past 1 week	
 Tenancy 	<						
Document Library	<	Q 1	Last Reading	Status	Min Thres	Max Thres	Time
Reports	<	Blue Meeting Room - Temperature	15.9°C	Alarm	10.0°C	25.0°C	1 minute ago
System Setup	-	Ops Area - Temperature	16.6°C	Alarm	10.0°C	25.0°C	1 minute ago
 Alarm Recipients 		Milnthorpe Meeting Room - Humidity	35.5%RH	Alarm	20.0%RH	80.0%RH	2 minutes ago
Alarm Suppression		Sales Area - Temperature	16.7 °℃	Alarm	10.0 °℃	25.0 °℃	2 minutes ago
Escalations		Purple Meeting Room - Humidity	39.5%RH	Alarm	20.0%RH	80.0%RH	5 minutes ago
Gateway Management		Purple Meeting Room - Temperature	17.6 °℃	Alarm	10.0 °℃	25.0 °℃	5 minutes ago
Production Meters	puc	Invisible Lab - Temperature	17.4 °C	Alarm	10.0°C	25.0°C	6 minutes ago
Productivity Target Setu	ıp	Invisible Lab - Humidity	39.5%RH	Alarm	20.0%RH	80.0%RH	6 minutes ago
Schedule Email Reports		Sales Area Temperature	16.3°C	Alarm	10.0°C	25.0°C	7 minutes ago
Sensor Diagnostics		Kitchen Break out Area - Temperature	15.6 °℃	Alarm	10.0 °℃	25.0 °℃	7 minutes ago
Goggins	,	Kitchen Area Sink Hot (Max + Offset)	58.5°C	Alarm		43.0°C	21 minutes ago
Invisible Systems Ltd ~		Kitchen Breakdown Area - Temperat	13 Q°C	Offline	10.0°C	25 0°C	about 11 hours an



Step 3

Next to your chosen sensor, you can **set its alarm details and thresholds**.

You can:

- Choose 'day' start and end times at the top of the page. 'Night' is classed as anything outside of these hours.
- Set day and night thresholds. These are the limits for your sensor anything outside of these will trigger an alarm.
- Set a 'delay' this is how long the reading can stay out of the threshold without raising an alarm. For example, you may decide that if a parameter dips below its minimum threshold for less than 30 minutes, then moves back to a safe level within that time, no alarm is triggered.

Overview	🗘 Alarm Thresholds
Dashboards	Alarm Periods
🖧 Site Plan	
	Day start time: 08:00 Day end time: 19:00
Notifications	Day start time: 08:00 Day end time: 19:00
 Notifications Eco Lync 	Condition Record Alarms
 Notifications Eco Lync Legionella 	Condition Based Alarms
 Notifications Eco Lync Legionella Tenancy 	Condition Based Alarms

🗘 Alarm Thresholds													
Alarm Periods		^		System Offline Delay									
Day start time: 08:00 Day end time: 19:00			The default offline delay value, which can be inherited by the sensors on system. 1 hour ~										
Condition Based Alarms									^				
Copy Excel PDF Print							Search:	[
<u>↓</u> Sensor	↓î Unit	Enabled 1	Delay (Mi	ļ↑ ins)	Day Min	î ↓ Day Max	lî Night Min	↓ Night Max	Warn				
4605 - Current	A												
4605 - Energy	kwh								Ī				
4da6 - Carbon Dioxide	ppm												
4da6 - Humidity	%RH								Ē				
4da6 - Temperature	°C												
4f2e - Temperature	°C								Ē				
7956 - Count									5				
7956 - Count		0		5									

- You may also choose to set up warning percentages. These determine how close a sensor can be to triggering an alarm before sending out warning emails. A warning percentage of 10% would mean that the sensor was very close to setting off an alarm. Once it had reached this level, warning messages would be sent out to the relevant people.
- By checking 'Healthy state', you allow the system to automatically remove alarms once conditions are back within a healthy threshold.
- By checking 'enabled', this alarm is now saved to the system and relevant stakeholders will receive emails and alerts should an alarm go off.

Ala	arm Perio	ods				∿ Sys	tem Offline Del	ау		
Day	y start tim	e: 08:00	Day end time:	19:00		The syst	default offline de em. 1hour	lay value, which	can be inherited by	the sensors on 1
Co	ndition E	Based Alarms	5			Search:				
4	.↓† Unit	Enabled 1	↓† Delay (Mins)	↓† Day Min	↓† Day Max	↓† Night Min	↓† Night Max	↓1 Warning %	Healthy State 1	Offline Alert
	А							?		Off v
	kwh							?		Off v
	ppm							?		Off ~
	%RH							?		Off ~
	°C							?		Off ~
	°C							?		Off ~
								?		Off ~

		^ S	ystem Offline	Delay						
		т	he default offline	e delay value	, which can	be inherited b	by the sensors	on this system.	1 hour 🗘	
								Se	earch:	
ļì	↓† Unit	Enabled	↓î Delay (Mins)	Lî Day Min	↓† Day Max	lî Night Min	↓† Night Max	↓† Warning %	Healthy 🎼 State	Offline Alert
	°C		0	1	8	2	8	0 ?		Off \$
	°C	۲	0	15	25	15	25	?		Off \$
	°C	•	0	2	8	2	8	?		Off \$
	%RH	۵	0	40	60	20	80	?		Off \$
	°C	۲	0	15	25	15	25	?		Off \$
	°C	•	0	2	8	2	8	0 ?		Off \$
	°C		0	15	25	10	30	0 ?		Off \$
	°C		0	15	25	15	25	?		Off \$
	°C				-					[

 You also have the option to generate offline alerts. These trigger an alarm when you have not received a message from a device with a certain number of hours.

You can set a default offline time under the 'System Offline Delay' section at the top of the page. The time you select here will be used when the value 'Inherit' is selected from the 'Offline Alert' dropdown list.

You can also **choose specific offline times** for each sensor by selecting your desired delay time from this list.

Make sure to **click 'Save all'** after making any changes.

		► Sy Th	stem Offli e default offl	ne Delay	/ value, whic	h can be inh	nerited by th	e sensors o	on thi	s system. 1	hour \$
								Se	earch		
17	Jî Unit	Lî Enabled ☑	↓î Delay (Mins)	↓î Day Min	↓î Day Max	↓† Night Min	↓î Night Max	Warning %	ļţ	Healthy 🏭 State	Offline Alert
	°C		0	1	8	2	8	0	?	0	3 hours
	°C		0	15	25	15	25		?	0	Off
	°C		0	2	8	2	8		?		2 hours
	%RH		0	40	60	20	80		?	D,	Off
	°C		0	15	25	15	25		?		✓ Inherit
	°C		0	2	8	2	8	0	?		1 hour 2 hours
	°C	•	0	15	25	10	30	0	?	0	3 hours 6 hours
	°C		0	15	25	15	25		?		12 hours 24 hours
	°C								2		04



Step 4

If you wish, you can **export the set-up of your alarms** by clicking the 'PDF' and 'Excel' buttons.

All changes to sensors and alarms are logged, so you can track who did what and when. This is especially handy for audits.

To view sensors in different systems, simply **select the relevant system name** from the drop-down list at the top of the page.

= 1						Invis	ible Systems H	lead Office	•	☆			
Overview		4 Alarm Threshol	lds										
Dashboards		Alarm Periods		~	Syster	elay							
🚓 Site Plan		Day start time: 08:00 Day end tim	e: 19:00		The de	The default offline delay value, which can be inherited by the sensors on							
A Notifications			system	1 hour ~									
🖹 Eco Lync	<												
Legionella	<	Condition Based Alarms								^			
Tenancy	<	Copy Excel PDF Print						Search:	Search:				
Document Library	<	Sensor	↓≜ ↓† Unit	Enabled 1	↓1 Delay (Mins)	↓1 Day Min	Jî Day Max	↓↑ Night Min	J† Night Max	War			
II Reports	<	4605 - Current	А										
System Setup	~	4605 - Energy	kwh										
Alarm Recipients		4da6 - Carbon Dioxide	ppm										
Alarm Suppression		4da6 - Humidity	%RH										
Alarm Thresholds		4da6 - Temperature	°C										
Escalations		4f2e - Temperature	°C										
Gateway Management		7956 - Count								5			
	1.00	7050 0											

	Hospita	ll 1				A	System Set	up - Sensor	5
1 Thresholds	Clinic 1 Clinic 2 Clinic 3 Hospita	al 1 al 2	1+ 0	:h can be inh	erited by th	e ser			
d Alarms PDF Print									
	Ļ	.↓† Unit	lî Enabled ☑	↓î Delay (Mins)	↓î Day Min	↓↑ Day Max	↓î Night Min	↓† Night Max	Wa
idge		°C		0	1	8	2	8	•
oom		°C		0	15	25	15	25	
iccine Fridge		°C		0	2	8	2	8	

If you require any additional training, please contact help@invisible-systems.com

