Site Log Software Guide



Figure 1 Electrical control panel with virtual sensor reading and led taken live from Environon

Site log is an additional functions added to Pico Technology Environmon software, to allow the following:-

- 1- Send SMS Alarm messages through internet instead of using GSM modem to unlimited number of Mobile phones also send SMS and e-mail when alarm clear
- 2- Select Alarm sound (Wave file)
- 3- Send e-mails to unlimited number of e-mail addresses
- 4- Creation up to 255 different sits each with its own data loggers and sensors
- 5- Insert back ground Picture, drag and drop the sensors reading from the Enviromon to any place on the picture, also drag sensor name and drop any place
- 6- change the colour and size of the reading
- 7- create any size LED related to any sensor and place on background Picture
- 8- running batch files or executable programs for each alarm
- 9- select date and time to print or make excel file directly
- 10- when using El001 with El029 door converter you can change label open/close to any label for example wet/dry, ON/OFF, Pass/Fail
- 11- get e-mail and SMS notification if Sitelog is turned off or you PC crashes or shutdown even if the shutdown was due to sudden power failure!

When you run sitelog it appears exactly as if you run Enviromon, to allow you to setup the configuration, if you already done the setup using Pico Enviromon software and saved the configuration file, you would only need to open the configuration file, you must fill the site information, enter your site name, use your company name, sitelog will use this name with the SMS Alarm message.

You should enter your mobile number without the two leading zero on maintenance contact for example 00447975643456 will become 447975643456 in some country you do not need International dialing code

If you are not familiar with setting the Environmon, please follow the instruction below.



🦪 EnviroM	on for Windows				
File Settings	; View Utilities H <mark>:hannel</mark>	elp	Reading U		
B Da	Configuration c	ontrol p	anel Conoral configu	xation info	
Ge Ge	Guided tour	Start a gi a simple	General comig		
	Reset	Clear all (be discar	Sampling	Sampling interval between readings	
	General	ltems wh temperat	Temperature	Temp Site information	X
	Security	Details o logger wi to the pro	Alarm	Alarm Name of site Data Center≫(ок
	Equipment	Details o converte	Site	Site ir Maintenance contact	Help
	Locations	Details o name, al	Summer time	Dates (clock	
	Devation Alarm	Only ava	Directories	Data storage and backup options	
	Program	Downloa logger mi	Scale	Scaling files	
	Exit		ок	Cancel Help	

After configuring all the sensors names, locations and desired ranges , save configuration as default, then load default, once you programmed the logger and restarted it, Sitelog will open automatically

By going to Location you can configure sensor in the example below we configured 4 temperature

of EnviroMon for Windows		
File Settings View Utilities Help		
Alarm Channel	Reading Units	
O Date Center's temp. 1	22.2°C	
Oata Center's temp.2	22.9°C	
Generator Room Temp.	21.5°C	
Generator's Temp.	22.3°⊂	

If you need to monitor the Main Voltage select Mains 240 and name the sensor **mains** site log monitors the value if main, if it does not change within the period you selected then it send SMS Logger off line. If you do not monitor the names or you called the senor any other name then the it wait a default 3miutes before it send the logger off line.

After you finish configuring the sensor you restart site log it will appears as normal Enviromon software as well as it opens a new windows just like the one below.

🔜 Em	viromo	n : Data C	enter											
File	Sites	Sensors	Run	Report	Graph	Help								
														>
										#	Name	V	Mn	Mx
										1	Data	22.7	18.0	25.0
										2	Data Gener	22.9	0.0	0.0
										4	Gener	22.9	18.0	40.0
									L.	_				
										#	Site Na	me		
Toda	ay's S	ent Ala	irm :	0 / 25	Fa	iled:0		SMS A	larm	าร		Emai	l Ala	rms

Menu on the right shows all the sensors names, values, Minimum and Maximum ranges. These are the sensors you programmed inside the logger

To get started, user should have taken photos of the sites to be monitored. So after doing that, select Sites, then Add Site:

📰 Env	/irom	on : Data C	enter												
File	Sites	Sensors	Run	Report	Graph	Help									
		Add Site													
		Edit Site									t l	Name	L V	Mo	Mx
		Remove Site.									1	Data	21.8	18.0	25.0
											2	Data Gener	21.9	0.0	0.0
											4	Gener	21.4	18.0	40.0
											#	Site N	ame		
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Toda	ay's	Sent Ala	arm :	0 / 25	Fa	iled :	D		SMS	5 Alar	ms		Emai	l Ala	rms

The bottom of the frame is normally gray, when it is Pink that means there is no internet access or the activation code wasn't entered yet. If the internet access is not available you should get the message no internet access otherwise the sitelog is not been activated, the color will change to gray as soon as the problem sitelog been activated or the internet access is available

Open					? 🔀
Look in:	🕒 My Document	s	•	🧧 🔇 🏚 📂 🗔-	
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Documents					
			P		
Desktop					
	LoggerAlarm		My Music	My Pictures	
My Documents		Part -	and the second second		
		St.	Dimensions: 46	5 x 343	
My Computer	My Videos	d	Type: JPEG Im	age generator	~
~					
	File name:	datacenter		*	Open
My Network	Files of type:	Images		~	Cancel

Go to sites >> add site, the following window will prompt you to select an image for that site:

After selecting the image, this window will open:



User should name the site and select the font's type, size and color by pressing on "Change" that will open the Font window:

Font			? 🗙
Font: Arial Arial Black Arial Narrow Arial Narrow Arial Rounded MT Bol Arial Unicode MS Baskerville Old Face Bauhaus 93	Font style: Regular Italic Bold Bold Italic	Size: 20 22 24 26 28 36 48 ✓	OK Cancel
Effects Strikeout Underline Color: Black	Sample AaBbY Script: Western	yZz v	



When finished click on OK to get to the main menu, you should see the selected picture as shown below, point the mouse cursor to any sensor click and drag to any area on the picture then drop sensor

So on the image, sensors values are shown along with the ranges set for each sensor, the green highlight is for indicating that sensor reading is still within range, if not, the highlight will become red, user will be notified immediately whenever a parameter is out of range by E-mail and SMS message Example: Temperature at "site name you enter for site information normally your company name" the site name you named above which in on this example is Data center $27C^{\circ}$ max is $26 C^{\circ}$

Point the mouse at the highlighted senor you just dragged and dropped, right click, you should see the intuitive edit menu below

Change Font And Color Reset Font And Color Remove Sensor Transparent Background Solid Background No Background LED Background Sensor Name And Value Sensor Name Only Sensor Value Only Hide Sensor Name And Value

User can add more sites by following the same steps, click on Run if you have more than one site to navigates between sites if you have few sites and you happen to have alarms on various sits the navigation will ignore site with no alarms and navigate between the one on alarm.

When you first configure SiteLog you need to go to alarm settings



Default password is 12345, when entered you will be able to enter Alarm setting below

2012 MINO 4025	Change Admin
16 🛓	Password
	Browse
ader)	
Server room Temperature	26-3 degress MAX 26
Use default email Po Pa:	National Telecom SMS : Enabled Email : Enabled
Test Ema	ОК
C	
site	
lue change by 50% 🔻	on alarm 👿 Run CMD on this alarm
1 Month 💌	min
	ader) ader) Des default email Use default email Po Pa: Test Email Site S

The SMS activation code is given upon the purchase of the software, after entering it, click on Activate button to check code's validity. You should see client name and activation status, User can also change the Admin password and select the max number of SMS which can be sent in one day, (1-199)

Alarm sound file Wave format in provided with Sitelog you can load you own Alarm Sound file, by clicking on "Browse"

Action message is the message that the user wants to be sent in the E-mails, using default E-mail will use our E-mail Server to send E-mails; user can use their own email by filling the SMTP,E-mail and password Test E-mail will send test e-mail When finished clicking on save to update the settings. After that, user should enter the mobile numbers and e-mails selected to receive the alarm messages, this is done by selecting:

📰 Env	viromor	n : Data C	enter			
File	Sites	Sensors	Run	Report	Graph	Help
		Sens	sors Set	tings		
		Show	w Panel			

That will open:

Se	nsors	Settirgs : Data Center			C PIIIP								
[#	Nane	Ac	Value	Al	Min	Max	Hol	⊢ysteres s	ΤA	Mobiles	Emails	CMD
	1	Data Center's	~	20.2°C	1	18.00	25.00	0	5.00	0	Double click	Double click	
	2	Data Center's	~	21.4°C		0.00	0.00	0	5.00	0	Double click	Double click	
	3	Generator	~	19.7°C	V	18.00	30.00	0	5.00	0	Double click	Double click	
	4	Generator's	~	20.8°C	4	18.00	40.00	0	5.00	0	Double click	Double click	
													-

By double clicking on the boxes in the "Mobile" column, user can enter the mobile numbers to receive text messages, and then clicking on "save" that will save these numbers for the selected sensor, while clicking on "save all" will save the numbers for all the sensors:

🖳 Mobi	es		
			Add
Please enter mobile number WITHOUT leading zeros or plus			Edit
Save Cancel			Delete
	Please enter mobile number WITHOUT leading zeros or plus 44 7965675434 Save Cancel	Please enter mobile number WITHOUT leading zeros or plus 44 7965675434 Save Cancel	Please enter mobile number WITHOUT leading zeros or plus 44 7965675434 Save Cancel

Double clicking on boxes in the "Emails" column will open a similar window, and user can follow the same steps as when entering mobile numbers, correct E-mail addresses should be entered.

For "CMD", click on button, then select the file you want to be executed on the Alarm



User can select an EXE file, a Batch file or any type of file and then click on "Open", after doing so, the file or program selected will be opened whenever the sensors' reading exceeds the specified range.

"Report" will open the following window:

Report 🔀
Report Start
Report Start Report End
12:00:00 AM 📚 💁24/2011 💌 11:59:00 PM 📚 2/24/2011 💌
Channels
 Data Center's temp.1 Generator's Temp Data Center's temp.2 Generator Room Temp.
Header
Footer
Print Save Cancel

User can select either to print an alarm report or all history data, plus selecting the starting and ending date and time and the channels for the report to be printed or saved. Also user can insert a header and footer for the report.



clicking on "Graph" will open the following window:

Showing a graph for each sensor readings, user can print, save, or copy the graphs.