

USER INSTRUCTIONS FOR THE CABAK MONITOR PROGRAM



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Section 1/ - About this document

The purpose of this document is to provide the user with a reference to information about what tasks the Cabak Monitor Program can perform where to go to access the data and how the data is used.

Throughout this document, there are many notes and warnings. These are depicted by the following icons:



Notes:





Note: There are many features that have been protected via password. Refer to the Access Control Section for further information.

Section 2/ - Disclaimer

This Cabak Monitor Program solution is intended to offer the client an economical alternative, in applications such as power monitoring, energy usage and sub-billing. The data is indicative of usage and the generation of reports is based on a charge rate set by the client. This Program only records the After Hours Usage based on time, or the After Hours on and off events to establish tenant usage.

The Cabak Monitor Program is designed to perform many client designed functions, some of which can be billing tenants based on time or percentage of usage. This data is received from other equipment and sources. The level of accuracy of the Cabak Monitor Program depends on the level of accuracy of the peripheral equipment.

The data collected is not intended to be used as evidence against Energy providers to validate their charges to you.

Email and Text messaging relies on service providers and is therefore not guaranteed to be sent instantly. Some delays may occur. Do not use in applications where it is imperative that alerts or warnings are sent instantly.

Section 3/ - Installing the Program

1. To commence the Installation, double click on the CabakMonitorSetup Icon.



2. Once entered into the setup, the program will create a default installation destination folder of C:\Program Files\CABAK Monitor. This may be changed by clicking on browse and then selecting an alternate directory.

CABAK Monitor Setup: Select Install Choose Install Location Choose the folder in which to install CAB	ation Folder 📃 🖃 💌
	Setup will install CABAK Monitor in the following folder. To install in the default folder, leave the text below as-is. To install in a different folder, enter one below, or dick Browse. Click Install to start the installation. Destination Folder C:Program Files (x86)/CABAK Monitor Browse Space available: 2.5GB Space required: 230.0MB
	Install

Figure 3-1: Installation Part 1 - Installation Folder

The Cabak Monitor Program requires 84.8MB of memory on the hard drive of the installation computer. After a suitable directory has been chosen, click Install to commence installation of the Cabak Monitor Framework and SQL Server Settings.



Note: The Installation computer must be logged in as admin with full admin and installation rights.

3. The program will then extract and install the Cabak Monitor Framework and SQL Server Settings.



Figure 3-2: Installation Part 2 - File Extraction

The progress of the extraction is followed by the bar at the top of the window.



The Installation can be cancelled at any time by pressing STOP.

4. During the extraction of the Cabak Monitor Framework and SQL Server Settings files, the following Welcome screen will appear, requesting the closure of all other applications before commencing the installation of the actual Cabak Monitor Software.

Cabak Monitor Setup - Welcome		
Cabak	Welcome	
This program will setup and configure Ca It is recommended that you close all othe	abak Monitor 2.0.0.0 on your computer. er applications before continuing.	
Click Next to continue, or Cancel to exit	Setup.	
		Next > Cancel

Figure 3-3: Installation Part 3 - Welcome

After ensuring all programs are closed, click 'next' to continue with the installation, or click Cancel to exit Setup.

5. If the setup detects any previous instances of the Cabak Monitor or launcher programs running simultaneously, it will request their termination before continuing.

Cabak Monitor Setup - Run	ning Instances		
Cabak	Run	ning Ins	tances
No instances of the Cabak Monit before continuing.	or or Launcher applications	may be running during the	e install. Please terminate all instances
	Name	Number of Instances	
	Cabak Monitor Inst	ances	
	Cabak Processes	1	
	Launcher Instances		
	Launcher Processes	0	
	Running processes foun	d!	
	Stop Now	Retry	
		< Bac	k Next > Cancel

Figure 3-4: Installation 4 - Termination of Running Processes

These running processes can be stopped automatically by pressing STOP NOW, or they can be terminated manually and clicking Retry before continuing by clicking 'next'.

6. To advance with the setup, the Terms and Conditions of the Cabak End user licence Agreement must be read and agreed with.



Figure 3-5: Installation Part 5 - Terms and Conditions

If you agree with the terms of this agreement, tick the box before clicking 'next'. The Cabak Monitor Setup will then continue installing the application.

7. After this, the Setup will perform database checks. Once finished, you will be required to select the desired database option for the application. If it is an initial install, choose the Create a new database option (Recommended Action). Only if you are updating an older site or reinstalling the program should you choose the alternative installation methods.

Cabak Monitor Setup - Databa	se	
Cabak	Database	
Please select the desired database of	option for the application. If unsure then continue with the red	commended setting.
Create a databa	se on the local SQL Server (Recommended)	
Upgrade the exit	sting database	
Create a new er	npty database	
Custom (Create	a custom connection string)	
Skip (Advanced	Users Only - the application will not function after setup finis	hes)
	< Back	Next > Cancel

Figure 3-6: Installation Part 6 - Database Option Selection

You can also choose to create a custom connection string or skip this setting completely.



Note: This is for installations that are not initial installs, i.e. for upgrades

If you have selected the recommended installation of SQL Server Express 2008, it can take up to 30 minutes depending on your computer.

Click OK to continue extraction and installation.

Section 4/ - Entering the Program

After a successful Install, upon opening the program, the following window will appear:



Figure 4-1: User Login Page

In order to gain access to the program for initial Admin Setup, you must enter the username "admin" and the password of "password" (without quotes).



Note: The passwords are case sensitive

Note: The very first time after the initial setup the user can configure their own username and passwords for admin and each subsequent user.

Refer to the User Management Section.



Warning: remember your username and passwords

The Cabak Monitor Program comes with a 30 day evaluation period. Before the end of these 30 days, the program must be registered. Simply click on the registration button to commence registration.



Clicking on the registration button will bring up the following window:

🕑 Enter Unlock Key 📃 🖃 💌
Please enter your registraion key to unlock the application.
Installation ID
JVVPZHWKEDGGITIR
Registration Key
OK Cancel

This window contains the Installation ID for the copy of Cabak Monitor Software. Each Software Program has its own unique Installation ID.

In order to register, the Registration Key must be entered in the required spaces. To access the individual Registration Key, the Installation ID must be emailed to <u>cabakmon@controlworks.com.au</u> after which the Program Specific Registration Key will be sent to the return email address.



Warning: If the copy of Cabak Monitor Software is not registered within the required 30 days, the Program will cease functioning.

Registering the Software will remove the Registration Button from the User Login page.

Section 5/ - Setting up the Environment

The program requires initial set up. This will include defining the points, clients and alarm types. Typically this will be done with commissioning and not require changing after the initial setup. Items such as users, charge rates and alarm contacts are typically items that are regularly altered and dealt with in future sections.



Note the user must be logged in as the administrator to perform this function.

Enable Crael	
Enable BAC	net (requires Cabak Monitor to restart before taking affect)
	ner (requires Cabar, Monitor to restait before taking aneut)
Limit Monitor Pol	lling: 10 mins 🔹
Global Charge F	Rate: 0
Modem Port	COM1
TCP Socket:	P: 192.168.1.58 Port: 3652 Message End: <etx></etx>
Test Message:	Tart
roat moodge.	100
SMTP Server:	mail.myisp.com.au
User Name:	Steve Password: ••••••
From Email:	Steve@myisp.com 15 Test Sent to the 'From Email'
	My Site Name
Site Name:	Address of the site
Site Name: Site Address:	
Site Name: Site Address: Site Contact:	Bill Email: billy@microsoft.com

Figure 5-1: Setup Page

- 1. Start Minimised: By default, the program will start in a maximized state (unchecked). To start the program minimized, tick the box.
- 2. Enable Crash Protection: Should the Cabak Monitor Application stop for any reason, the Cabak Launcher will continue to attempt to relaunch the program if this box is ticked.



Note: The Cabak Monitor Application will install a shortcut in the start-up folder of your computer. This is to ensure each time you start the computer the program runs.

To manually disable this feature, will be disabled if you go to the pull down menu FILE EXIT or go to the system tray and right click then select shut down the application. Currently there is no option to turn this feature off during installation.

- 3. Enable BACnet: This checkbox once ticked enables the BACnet protocol to query devices which support BACnet. A restart of Cabak Monitor is required to enable/disable this feature.
- 4. Limit Monitor Polling: After a full enumeration of polling all the points the polling will stop for a set duration defined here. After the time has elapsed the polling will continue again. For example it's useful if you require the points to be queried each hour.
- 5. Global Charge Rate: If the program is being used to produce bills and all the input types are the same, e.g. all hours, this gives a single point to apply a charge rate to the entire project. For more complex installations, e.g. where hot water flow and cold water flow is measured; a separate charge rate per point can be applied. Refer to Point Setup Section. Alternatively, each client can have a different charge rate. Refer to Address Section.
- 6. Modem Port: The computer port number of the modem used to send alerts via SMS through.
- 7. TCP/Socket: Sending a plain message via sockets requires an IP address and Port and a character to determine the message end. This is useful to communicate alarms to homemade applications or applications like Genesys.
- 8. Message End: The end message character signifies to the remote application that the message has finished transferring. This is specific to the remote application.
- 9. Test Message: Enter some text here to test your configuration settings are correct.
- 10. Test: Test the TCP/Socket message.
- 11. SMTP Server: If you wish to send reports or alarms via email, then you will be required to have a permanent internet connection and enter your full SMTP Server address, user name and password, and a from email address. E.g. the site name can be used.



Note: automatic reports are sent to the site contact email address on the $\mathbf{1}_{st}$ of each month

- 12. User Name: The user name for the SMTP server to be used.
- 13. From Email: This is an alias from email address
- 14. Password: The password for the SMTP server to be used.
- 15. Test: Test Email: Clicking on this button will send an email to the stated site and report contact email addresses, to test the connection.



Note: Within the body of the email, it is suggested that the comment "do not reply to this message" is included.

- 16. Site Name: The name of the site to be monitored
- 17. Site Address: The address of the site to be monitored
- 18. Site Contact: The contact name on site
- 19. Site Contact Email: The email of the site contact
- 20. Report Contact: The contact name for the report
- 21. Report Contact Email: The email of the report contact

Section 6/ - Points

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Cabak	2	3	4	\$			Ρ	oir	nts ¹			
	All Poi	ints BAC	net D	etails								
Users		Point ID	5	Interface	6	Alias 7	Device	8	Alarm Point 9	Point Address 10	Real Description	11
		3		BACnet		testval	8606		53	323~AnalogValue		
Bookings	P	4		BACnet		testbool	8606		1	0~BinaryValue		
		2		BACnet		Drivers.Bacnet	2500			4321~AnalogValue	My analog value	
Reports												
Graphs												
Monitor												
Address												
Points												
Alarms												
Events												
Setup												
Log off												
And a second sec	•						12					ŀ

Figure 6-1: All Points Page Part 1

The previous is a typical page in the Cabak Monitor Program. It consists of a Title, navigation buttons to the left, the main window, and where applicable, there is a task window at the bottom.

The All Points Tab shows the details of each point, which can be edited on the Details Tab. On the All Points Tab, double click on a box to edit details or click on the Details Tab.

- 1. Points: The title of the page
- 2. All Points: The selected tab allows quick view of all the points' relevant information
- 3. Details: The details tab allows for the editing of the points information
- 4. BACnet: Browse and add points from a BACnet network.
- 5. Point ID: This is an arbitrary number that can't be changed. It is an internal link to a database.
- 6. Interface Type: There are currently 3 types of interface available, OPC, IComm and BACnet. These are accessed by a drop-down menu.



Note: Visit the website www.opcfoundation.org for a concise list of available OPC servers.

- 7. Alias: This is normally the common name for the point or where it is, e.g. Bob's Office Temperature or Bob s Air Conditioning Run Status
- 8. Device Address: The address of the monitoring device
- 9. Alarm Point: If the Point Value is greater than the Alarm Point, the Alarm Action will occur.
- 10. Point Address: The address of the point under monitor
- 11. Real Description: The Point Tag
- 12. Scroll Bar: this indicates there is more point information located to the right

C Cabak Monitor - User: admin												- • ×
<u>F</u> ile <u>H</u> elp												
Cabak						Poi	nts	6				
	All Points	BACnet D	etails									
Users		Server	13	Tenant ID 14	Connection ID	Alarm ID	16	Log	17	Log Digital 18	Log Alarms 19	Log Display <mark>20</mark>
		TAMA-PC							V			
Bookings	•	TAMA-PC										
		TAMA-PC							V			V
Reports												
Graphs												
Monitor												
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Points												
Alarms												
Events												
Setup												
Log off												
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Figure 6-2: All Points Page Part 2

As indicated by the scroll bar, the information columns continue over the page.

- 13. Server: The name of the computer which holds this point. Useful if Cabak Monitor is being monitoring other Cabak Monitor instances on other computers.
- 14. Tenant Id: The ID number of the Tenant. On the All points view, this is shown as an ID number, whereas in the details page, this is a pull down combo box called owner.
- 15. Connection ID: The ID number of the Server Connection
- 16. Alarm ID: If no Alarm ID has been set, the point when in Alarm will behave as set in the Point Properties. However if there are many point that require the same function, an Alarm Type can be set and using its ID will apply its properties to this point.
- 17. Log Accumulator: If this box is ticked then the Accumulator will be logged

- 18. Log Digital: If this box is ticked then the change of state will be logged
- 19. Log Alarms: If this box is ticked then whenever the Point Value is greater than the Set Alarm Value, the Alarm action will take place (text or SMS) and the event will be logged.
- 20. Log Display: If this box is ticked the Point Value or Status will be available for display on a webpage.



C Cabak Monitor - User: admin			
<u>F</u> ile <u>H</u> elp	1		
Cabak		Points	
Users	All Points BACnet De	ails	
Bookings	Interface Type: Alias:	BACnet vestval	
Reports	Owner: Server Address:	- none - V	
Graphs	Connection ID: Device Address:	3606	
Monitor	Point Address: Real Description:	323~AnalogValue	
Address	Alarm Point: Alarm:	53 • none - •	
Points	Volume Factor:	21 9600 22	
Alarms	Point Unit: Log Accumulator:	r ^µ a	
Events	Log Digital: Log Alarms:		
Setup	Log Display:		
Log off	Back	Vext Save Add Cancel	
And a second sec			

Figure 6-3: Points Details Page

21. Charge Rate: The charge factor per point unit e.g. accumulating hours or pulses



Note: There is a charge rate hierarchy. Firstly, the point charge rate is used. If no point charge rate is nominated it will revert to the client charge rate, and if no client charge rate is nominated, it will revert to the global charge rate.

- 22. Volume Factor: This is a value that is multiplied by the Point Value to make a sensible unit e.g. each pulse from a meter could represent 25 litres, therefore if we multiple each pulse by 25 then the units displayed are actual litres. Likewise, if a pulse from a Kilowatt/Hour meter is used, where one pulse represents 0.25 of a kW/Hr, a multiplier of 4 would be used.
- 23. Point Unit: Used to identify what you are accumulating e.g. time, power, anything



Note: If changes are made and not saved before you attempt to go to a different page, a prompt box will automatically ask you if you would like to save your changes.

With the buttons at the bottom, you can go to the previous point, next point, save changes made to a point, copy the point, add a new point or delete the current point.

Cabak Monitor - User: admin				
File Help				
Cabak	1	Po	pints	
Users	All Points BACnet Details			
	BACnet Network	Point ID:		
Bookings		Interface Type:		
		Alias:		
Reports		Owner:	- none - 💌	
		Server Address:		
Graphs		Connection ID:		
		Device Address:		
Monitor		Point Address:		
		Real Description:		
Address		Alarm Point:		
		Alarm:	- none - 🗸	
Points		Charge Rate:		
- Collins		Volume Factor:		
Alarms		Point Unit:	-	
		Log Accumulator:		
Events		Log Digital:		
$\mathbf{\vee}$		Log Alarms:		
Setup		Log Display:		
	3 Refresh			
Log off		Add		
Research Control of Co				

Figure 6-4: BACnet Page

This page enables you to add BACnet points. You can browse the BACnet network using the navigation tree to the left. Selecting a point will populate the form enabling you to add the point to be monitored. This BACnet page can be enabled or disabled in the configuration file. To access this page BACnet must be enabled in the settings page.

- 1. The BACnet tab here is selected. This will be disabled if BACnet is disabled.
- 2. The root of the BACnet tree. Expanding this browses the network.
- 3. Refresh the BACnet tree using this button to start browsing again.

Cabak Monitor - User: admin		
File Help		
Cabak	Points	
Users	All Points BACnet Details	
	Local Network Point ID:	
Bookings	✓ TestStation_2500~2500 Interface Type: BACnet ~	
	2 Drivers.BacnetNetwork.dum Alias: Drivers.BacnetNetwork.dummy pointd.NumericWritable	
Reports	Owner: - none	
	Server Address: TAMA-PC	
Graphs	Connection ID:	
	Device Address: 2500	
Monitor	Point Address: 4321~AnalogValue	2
	Real Description: My Analog Value	3
Address	Alarm Point:	
	Alarm none -	
Points		
	Volume Factor: 1	
Alarms	Point Unit: kW hrs -	
	Log Accumulator:	
Events	Log Digital:	
$\mathbf{\vee}$	Log Alarms:	
Setup	Log Display:	
Log off	Ketresh Add 4	
And a second sec		

Figure 6-5: BACnet Page 2

- 1) Locate the network, device and point you wish to add by expanding the tree.
- 2) Select by clicking which point you would like to monitor. The form will auto populate with the details.
- 3) Change any details you desire. Refer to section 6.2 for more information.
- 4) Click the 'Add' button to add this point for monitoring.



Note that the BACnet network is any locally connected network to the computer running CabakMon. If devices fail to appear please ensure the network is connected and firewalls are configured correctly.



Other applications that use BACnet can conflict with this program and vice-versa. If you are not using BACnet uncheck the tick box in the settings. This will prevent it from interfering with other BACnet applications.

Section 7/ - Addresses

Cabak Monitor - User: admin																_	
<u>F</u> ile <u>H</u> elp																	
Cabak	:	2	3					Add	re	esses	1						
	All A	ddresses	Details														
Users		ID	4	Name	5	Email	6	Mobile	7	Street	8	City	9	State	10	Postcode	11
		1		Fred		Fred@hou	ise	0400112233		James st		Brisbane		QLD		4005	_
Bookings		2		Kendrick		Kendrick@	@th	0455443322		Sydney st		Brisbane		QLD		4002	_
	•	3		Sally		Sally@au	stra	049876543		Andrew st	_	Sydney		NSW		2001	_
Reports																	
Graphs																	
Monitor																	
Address																	
Points																	
Alarms																	
Events																	
Setup																	
Log off																	
Andreas May sea with a																	

Figure 7-1: All Addresses Page

The All Addresses Tab shows the client ID and details of each Contact (also referred to as tenant or client), which can be edited on the Details Tab. On the All Addresses Tab, double click on a box to edit details or click on the Details tab.

- 1. Addresses: The title of the page
- 2. All Addresses: This tab allows a quick view of all the relevant address information
- 3. Details: clicking this tab allows the editing of the address information
- 4. ID: The ID number of the Contact
- 5. Name: The Name of the Contact
- 6. Email: The email address of the Contact
- 7. Mobile: The mobile number of the Contact
- 8. Street: The street address of the Contact
- 9. City: The city for residence of the Contact
- 10. State: The state of residence of the Contact
- 11. Postcode: The postcode of the Contact

Cabak Monitor - User: admin								- • •
<u>F</u> ile <u>H</u> elp	1							
Cabak				Addres	ses			
Users	All Addresses Details							
	ID:	3						
Bookings	Name:	Sally						
	Email:	Sally@austra	lia.com					
Reports	Mobile:	049876543						
	Address							
Graphs	Street:	Andrew st						
	City:	Sydney						
Monitor	State:	NSW						
	Postcode:	2001						
Address	12Charge Rate:							
Points	Back	Next	Save	Add	Delete			
Alarms	13 Points:							
	Point ID	Server	Connection ID	Device	Point Address	Real	Alarm Point	Alarm ID
Events	▶ 3	TAMA-PC		8606	323~AnalogValue		53	
Setup								
Log off								
	•		m					Þ

Figure 7-2: Addresses Details Page

- 12. Charge Rate: The charge factor per point unit e.g. accumulating hours or pulses
- 13. List of points associated with this contact



Note: There is a charge rate hierarchy. Firstly, the point charge rate is used. If no point charge rate is nominated it will revert to the client charge rate, and if no client charge rate is nominated, it will revert to the global charge rate.



Note: If changes are made and not saved before you attempt to go to a different page, a prompt box will automatically ask you if you would like to save your changes.

With the buttons at the bottom of the page, you can go to the previous client, next client, save changes made to a client, add a new client or delete the current client.

The Tenants Details Tab also displays the referenced Points, underneath the editing buttons. It shows the associated points refer to Section 5/ - Points for point field details.

Section 8/ - Alarms

Cabak Monitor - User: admin								
<u>File H</u> elp								
Cabak	Alarms							
Users	All Alarm ID 5 Alarm Name 6 Alarm Messare Boy 7 Alarm Messare Header 8 Alarm Messare Body 9							
	Image:							
Bookings								
Reports								
Graphs								
Monitor								
Address								
Points								
Alarms								
Events								
Setup								
Log off								
Andreas Registerating Definition Definition Charge Maintenant	10 <							

Figure 8-1: All Alarms Page Part 1

The All Alarms Tab shows the details of each alarm, which can be edited on the Details Tab. On the All Alarms Tab, double click on a box to edit details or click on the Details tab.

- 1. Alarms: the title of the page
- 2. All Alarms: this tab allows a quick view of all the relevant alarm information
- 3. Details: clicking this tab allows for the editing of the alarm information
- 4. Alarm Types: This tab shows the current alarm types, and allows for the addition, deletion or editing of these alarms.
- 5. Alarm ID: The ID of the Alarm, denoting what type it is
- 6. Alarm Name: The name of the Alarm
- 7. Alarm Message Box: if selected, this opens the following Alarm Message options
- 8. Alarm Message Header: the title, or header, of the Alarm Message
- 9. Alarm Message Body: where the body of the Alarm Message must be typed
- 10. Scroll Bar: indicates that there is more alarm information to the right

Cabak Monitor - User: admin					- • •
<u>F</u> ile <u>H</u> elp					
Cabak			А	larms	
	All Alarms Details Alarn	n Types	13	14	15
Users	Email Alarm	RepeatEmail	RepeatIntervalMinutes	Email Message Header	Email Message Body
			15	Attention High Temp Alert	Please attend to the server room.
Bookings	11	12			
Reports					
Graphs					
Monitor					
Address					
Points					
Alarms					
Events					
Setup					
Log off					
- Antonio California Antonio Californi Antonio Californi Antonio California Antonio California Antoni				16	
	•				4

Figure 8-2: All Alarms Page Part 2

- 11. Email Alarm: if selected, this opens the following Email Alarm options
- 12. Repeat Email: this option allows for repeat emails to be sent at selected intervals
- 13. Repeat Interval: pull down menu
- 14. Email Message Header: the title, or header, of the Email Message
- 15. Email Message Body: pull down menu for message body layout
- 16. Scroll Bar: indicates that there is even more information located to the right

Cabak Monitor - User: admin				- • •
<u>File H</u> elp				
Cabak		Alarms		
	All Alarms Details Alarm Types			21
Users	SMS Alarm SMS Message Header 18 SM	S Message Body 19	TcpMessage 20	▲ TcpAlarm
Bookings	Attention those onsite Plea	ise attend to the server room.	Machine to shutdown in 5mins. Please s	. 🔽
Reports				
Graphs				
Monitor				
Address				
Points				
Alarms				
Events				
Setup				
Log off				
- Speciar o Bragtowing - And Carlos - Andreas - Carlos - Carlos				
	<			Þ

Figure 8-3: All Alarms Page Part 3

- 17. SMS Alarm if selected, this opens the following SMS Alarm options
- 18. SMS Message Header the title, or header, of the SMS Message
- 19. SMS Message Body where the body of the SMS Alarm Message must be typed
- 20. TCP Alarm: if checked a TCP socket message will be sent
- 21. TCP Message what message is sent on the socket

Cabak Monitor - User: admin			
<u>F</u> ile <u>H</u> elp			
Cabak		Alarms	
	All Alarms Details Alarm Ty	pes	
Users	Alarm ID:	1	
	Alarm Type:	- none - Use Alarm Type Settings	
Bookings	Alarm Name:	An alarm	
	Alarm Message Box:		
Reports	Alarm Message Header:	High Temp Alert	
	Alarm Message Body:	There is a high temperature in the server room.	
Graphs	Email Alarm:	(Top non-disable recipient will be sent an email. If Repeat Email is	
	Recipients:	Edit enabled then subsequent non-disabled recipients will receive enails in turn, top to bottom, with a delay of Repeat Interval)	
Monitor	Papagt Empil:	Papart Interval: 45 min	
<u> </u>	Empil Mossage Header	Attention High Tomp Alart	
Address	Email Message Reader.	Please attend to the server room	•
	SMS Alarm:		~
Points	Recipients:	Edit (All members will be sent an SMS)	
	SMS Message Header:	Attention those onsite	
Alarms	SMS Message Body:	Please attend to the server room.	105 remain
	TCP Socket Messages:		
Events	Message Header:	Machine to shutdown in 5mins. Please save work.	
Setup		Сору	
Log off	Back	Next Save Add Delete	
Applied Participation of the second s			

Figure 8-4: Alarms Details Page

With the buttons at the bottom, you can go to the previous alarm, next alarm, save changes made to an alarm, copy the alarm, add a new alarm or delete the current alarm.



Note: If changes are made and not saved before you attempt to go to a different page, a prompt box will automatically ask you if you would like to save your changes.

On the Alarm Types page, previously created alarms can be edited and deleted, and new alarms can be added.



Figure 8-5: Alarm Types Page

After initial installation, only the Add Alarm button will be available. Clicking on the green Add button will bring up the next screen.

Cabak Monitor - User: admin			
<u>F</u> ile <u>H</u> elp			
Cabak		Alarms	
	All Alarms Details Alarm Types		
U U U U U U U U U U U U U U U U U U U		Edit Alarm Type	
Bookings			
	1 Alarm Type:		
Reports	2 Alarm Message Box:		
	3 Alarm Message Header:		
Graphs	4 Alarm Message Body:		
	5 Email Alarm:		
Monitor	6 Repeat Email: 7 Repe	at Inteval:	
	8 Email Message Header:		
Address	9 Email Message Body:		•
	10 SMS Alarm:		
Points	11 SMS Message Header:		
	12 SMS Message Body:		160 remain
(1)) Alarms	13 TCP Socket Messages:		
	14 Wessage Header:		
Events			
	Save	Cancel	
Setup			
Log off			
And the second s			

Figure 8-6: Add Alarm Type

Before the alarm type can be added, the following fields must be completed:

- 1. Alarm Type: The type of alarm e.g. Critical or Low Priority
- 2. Alarm Message Box: if selected, this opens the following Alarm Message options
- 3. Alarm Message Header: the title, or header, of the Alarm Message
- 4. Alarm Message Body: where the body of the Alarm Message must be typed
- 5. Email Alarm: if selected, this opens the following Email Alarm options
- 6. Repeat Email: this option allows for repeat emails to be sent at selected intervals
- 7. Repeat Interval: pull down menu
- 8. Email Message Header: the title, or header, of the Email Message
- 9. Email Message Body: pull down menu for message body layout
- 10. SMS Alarm: if selected, this opens the following SMS Alarm options
- 11. SMS Message Header: the title, or header, of the SMS Message
- 12. SMS Message Body: where the body of the SMS Alarm Message must be typed
- 13. Socket Message : Enable TCP socket messages, IP/Port are on the settings page
- 14. Message Header: Header message for Socket messages

Once the fields have been completed, the alarm can be saved or cancelled by pressing the appropriate button at the bottom.

After the alarm has been added, it may be edited or deleted, or another alarm may be added.

Cabak Monitor - User: admin	
<u>File H</u> elp	
Cabak	Alarms
Users	All Alarms Details Alarm Types Critical email alarm Warning alarm
Reports	
Graphs Graphs Monitor	
Address Reiste	Edit Add Delete
Alarms	
Events	
Log off	
Andreas Angeles and Ang	

Figure 8-7: Alarm Types Page (Alarm Added)

To edit an alarm, click on the Edit button, located under the available alarms.

Clicking on the edit button will open a page similar to the one opened when the alarm was first added. This page allows for changes to be made to the alarm fields.

Cabak Monitor - User: admin			
<u>File H</u> elp	1		
Cabak		Alarms	
	All Alarms Details Alarm Ty	/pes	
Users		Edit Alarm Type	
	Alarm Type:	Critical email alarm	
Reports	Alarm Message Box:		
	Alarm Message Header:		
Graphs	Alarm Message Body:		
	Email Alarm:	V	
Monitor	Repeat Email:	Repeat Inteval:	
	Email Message Header:	Critical Alarm	
Address	Email Message Body:	The server room has reached a critical temperature.	U
	SMS Alarm.		1
Points	SMS Message Rody:		160 remain
Alarms	TCP Socket Messages:		
Events	wessage neader.	Save Cancel	
Log off			

Figure 8-8: Editing Alarms Page

Once the changes have been made, the alarm can be saved or cancelled, by clicking on the appropriate button at the bottom.

If a particular alarm is to be deleted, the following popup window will appear after the delete button is clicked, requesting confirmation of the deletion.



Clicking 'yes' will remove the selected item from the available alarms on the Alarm Types Page. Clicking No will return to the Alarm Types Page, without removing the selected item.



Figure 8-9: Alarm Types Page (Alarm Deleted)

Section 9/ - User Management

Cabak Monitor - User: admin		_ • •
<u>File H</u> elp		
Cabak	User Management	
Users Bookings	Admin Admin BuildingManagement Group Name: Admin Sally Servers Sally Servers BuildingManagement Kendricks Wraps Sally Servers	
Reports	Password: Confirm: Co	
Graphs Omega	Last Login: Never	
Address		
Alarms		
Events		
Log off		
August 2 Research 2 Re		

Figure 9-1: User Management (Admin)

Cabak
Users
Bookings
Reports
Graphs
Monitor
Address
Points
Alarms
Events
Setup
Log off
generation Provide States Provide St

Note: This screenshot shows the User Management when logged in as Admin with full Administration access rights. When logged in as Admin, you have the entire button column situated on the left hand side of the window, as shown below.

The **System** Admin has access to all clients and can add, edit or delete clients for anyone.

The **Client** Admin however can only access and add, edit or delete the users within their client group.

Both levels of Admin can create user accounts for any client, and can nominate their level of access rights, either Admin again, or User.

Cabak Monitor - User: john		
Cabak	User Management	
Users Bookings Reports	Ground Floor Edit User Account Group Name: Group Name: John Group Name: Username: John Password: Confirm: Email: john@billy.com Access Rights: User Last Login: 29/04/2013 4:18:01 PM Image: Save Image: Save	
Log off		

Figure 9-2: User Management (User)

Cabak	
Users	
Bookings	
Reports	

Log off

Having an access level of Admin again allows that client administrator to add, edit or delete users within that client group only, whereas if they are set only to

User, they can only view, export or print reports, or edit their own user account details.



Note: This screenshot shows the User Management when logged in as a User only, with limited access rights. When logged in as

Admin, you can only edit your User Account details and view, export and print reports.

Refer to Section 9/ - User Management for access rights and Account Details Editing.

Refer to Section 11/ - Reports for viewing and generating reports.

Refer to Section 11-3/ - Management Toolbar for exporting and printing reports.

Section 10/ - Monitoring

The Cabak Monitor Program is equipped with a real-time monitoring page:

C Cabak Monitor - User: admin									
<u>F</u> ile <u>H</u> elp									
Cabak	2 Monitor L	3 Jnacknowledged	Alarms 5	6	Mc 7	1 onitor 8	9		
		PointID 4	ClientID	RealDescription	AlamPoint	Point Value	Alarm State		
Users	▶ 2			My analog value	999	55		_	
	3		3		53	1		-	
Bookings	4				1	1	Tes		
Reports									
Graphs	-								
Monitor	_								
Address	_								
Points									
Alarms									
Events									
Setup									
					Monitoring is e	nabled. Click to ha	alt		
Log off	- Logged to - No change	DisplayValues Ta e to state. No log	able to DigitalValues Tab	le made.					*
	NOTE: An Read Point	Alarm has been ra 4 with value 1 at	ised but no alarm is 29/04/2013 10:55:4	defined for this point 44 AM					
() - Rystein a Regimeering -Reart Nanitering -Deating	- Logged to - Logged to	AccumulatorValu DisplayValues Ta	es Table (UPDATE) able						
-Property Materieran	Read Point	3 with value 1 at AccumulatorValu	29/04/2013 10:55: es Table (UPDATE)	43 AM					
	- Logged to	DisplayValues Ta	able						÷

Figure 10-1: Monitor Page

- 1. Monitor: The title of the page
- 2. Monitor: This page allows for quick view of all the relevant point monitoring information
- 3. Unacknowledged alarms: A list of alarms yet to be acknowledged
- 4. Point ID: Point ID
- 5. Client ID: Client ID
- 6. Real Description: The point tag
- 7. Alarm Point: The alarm set point
- 8. Point Value: The last value read by the application
- 9. Alarm State: Alerts the user if the point is in alarm
- 10. Monitoring is enabled: This button allows the user to enable/disable real time monitoring. To toggle monitoring on and off, simply click on the button located at the bottom of the screen, as per the images.
 Monitoring is enabled. Click to halt

Monitoring has been halted. Click to resume.

11. Taskbar: Displays the current action of the software.

Section 11/ - Reports

C Cabak Monitor - User: admin	
<u>F</u> ile <u>H</u> elp	
Cabak	Report
Users	
Bookings	New or Historical
Reports	New Report
Graphs	Report History
Monitor	
Address	
Points	
Alarms	
Events	
Setup	
Burning Antonio and	

Figure 11-1: Reports Page

Reports may be viewed from the Reports Section of the program. From the first page, you can either view a new report, or view a history of previous reports. To advance, click on the desired button.

Section 11-1/ - New Reports

Cabak Monitor - User: admin		
<u>File H</u> elp		
Cabak	Report	
Users		
Bookings	New Report	
Reports	After Hours	
Graphs	Accumulator	
Monitor	Bookings	
Address		
Points		
Alarms		
Events		
Setup		
Log off		
A Contraction of the second se		

Figure 11-2: New Reports Page

From the New Report Menu, you can choose to generate an After Hours, Accumulator or Alarms Report. You can return to the previous screen by pressing 'back'.

C Cabak Monitor - User admin		•		
<u>File</u> <u>H</u> elp				
Cabak	Client: 1 From Date	2 To Date: 3	Report Charge Rate: 4	
Users		(31-Mar-2013 ↓ ▼)	Global	SAP CRYSTAL REPORTS® 🗵
Bookings				
Reports				
Graphs				
Monitor				
Address				
Points				
Alarms				
Events				
Setup				
Log off				
- Species a fing scale is	Current Dame No.	TablD	-	
-Draffing -Property Meliciperation	Current Page No.:	Total Page No.:	2001	m Factor: 100%
				Back

Section 11-1-1/ - New After Hours Report

Figure 11-3: New After Hours Report Part 1

Before generating the report, you must set the following fields:

Client:	From Date:	To Date:	Charge Rate:	
All Clients	1-Mar-2013	31-Mar-2013	Global 🔻	Create Report

- 1. Client: choose which client the report is to be made for
- 2. From Date: choose the required starting date of the reporting period
- 3. To Date: choose the required ending date of the reporting period

Note: the date is set to the prior month by default

4. Charge Rate: choose the charge rate (Global, Client or Point)

Once these have been chosen, click on Create Report.



Figure 11-4: New After Hours Report Part 2

Cabak Monitor - User: admin							
<u>F</u> ile <u>H</u> elp							
Cabak	Client: All Clients	From Date:	To Date: Charge Rate:	Qreate Another Report			
Users	🛃 🎒 💐 🛅 Main Report	🕐 💾 M 🕔	(•	5	SAP CRYSTAL REPO	RTS® 🗵
Bookings			Report - After Hours P	ower Usage			Î
Reports	Report Da	te: Monday, 29 A	pril 2013 11:25 AM	Rep	ort No.	000105	
Graphs	Contact: Client:	John All Clients	Total Time for Period:0	Pe	eriod From: To:	1/03/2013 31/03/2013	Ε
Monitor	Number	<u>StartTime</u>	EndTime	<u>Duration</u>	<u>Charge</u>	PointID	
Address				Total Charge :			
Points							
Alarms							
Events							
Setup							
Log off							
	Current Page No.: 1		Total Page No.: 1	Zoom Fact	or: 100%		-
An agency Male (or max)							Back

Figure 11-5: New After Hours Report Part 3

Each report contains a unique report number, (to allow for retrieval from history at a later stage.

The report header shows who generated the report and at what time/date.

Once it has been generated, you can use the managing toolbar located at the top left of the screen to manage the report. Refer to Section 11-3/ - Management Toolbar on how to use this.



The process of setting the required fields of the report must also be done for the Accumulator reports and Alarms Reports. They can be selected from the original New Report screen.

Cabak Monitor - User: admin			•					
<u>F</u> ile <u>H</u> elp	1							
Cabak	Client:	From Date:	To Date: Charge F	eport Rate:		-		
Users	All Clients		> > 1 /1	M Clea	ale Another Nepd	ur .	SAP CRYSTAL REP	orts® 🗵
Bookings			Report - A	Accumulator				
Reports	Repor	t Date: Monday, 29 April 2	2013 11:39 AM		F	Report No.	000102	
Graphs	Conta Client:	ct: John : All Clients				Period From: To:	1/03/2013 31/03/2013	E
Monitor	Descr	iption IT: Sally Servers	Initial Value	End Value	<u>Usage</u>	Rate	<u>Value</u>	
Address		T. Sully Servers	0.00	0.00	0.00	0.00 Client Cost :	0.00 0.00	
Points						Total Cost:	0.00	
Alarms	-							
Setup								
Log off								
- Bestime a Margare writing	Current Page No		Total Page No : 1		7000	Factor 100%		-
-Original Molecular	Current Page N		Total rage No., 1		2001	1 00101 100 /0		Back

Section 11-1-2/ - New Accumulator Report

Figure 11-6: New Accumulator Report

The Accumulator Report has the same fields as the After Hours Report, which must be fulfilled before the report can be generated:

Client:	From Date:	To Date:	Charge Rate:	
All Clients	1-Mar-2013	31-Mar-2013	Global 🔹	<u>C</u> reate Report

- 1. Client: choose which client the report is to be made for
- 2. From Date: choose the required starting date of the reporting period
- 3. To Date: choose the required ending date of the reporting period
- 5. Note: the date is set to the prior month by default
- 4. Charge Rate: choose the charge rate (Global, Client or Point)



Once these have been chosen, click on Create Report.

The Accumulator Report also has the same managing toolbar as the After Hours Report. Refer to Section 11-3/ - Management Toolbar for instructions on how to use this toolbar.

Section 11-1-3/ - New Alarms Report

Cabak Monitor - User: admin			- • ×
<u>F</u> ile <u>H</u> elp			
Cabak	Report		
Users	All Clients Valim Type. non bale. no bale. All Clients Valim Type. 1-Mar-2013 V Image: State St	Create Another Report	AL REPORTS® 🗵
Bookings	Report - Alarms	Denert No. 0000	
	Report Date: Monday, 29 April 2013 11:51 AM	Report No. 0000	02
Graphs	Contact: John Alarm Types: All Types Client: All Clients	Period From: 1/03/2 To: 31/03/2	2013 2013
Monitor	Alarm Date Alarm Name Acknowledged By User Date Acknow	vledged PointID V.	alue
Address			
Points			
Alarms			
Events			
Setup			
			-
Objections a Braginson log Object N conducting Objective Objective Objective Objective Objective	Current Page No.: 1 Total Page No.: 1 Zoo	om Factor: 100%	
			Back

Figure 11-7: New Alarms Report

Unlike the Accumulator Report, the Alarms Report has slightly different requirements for the generation of a report:

Client:	From Date:	To Date:	Charge Rate:	
All Clients 👻	1-Mar-2013	31-Mar-2013	Global 💌	Create Report

- 1. Client: choose the client/s for which the report is to be made
- 2. Alarm Type: choose the type of alarm for which the report is to be made
- 3. From Date: choose the required starting date of the reporting period
- 4. To Date: choose the required ending date of the reporting period



Note: the date is set to the prior month by default

Once these have been chosen, click on Create Report.

The Alarms Report also has the same editing toolbar as the After Hours Report. Refer to Section 11-3/ - Management Toolbar for instructions on how to use this toolbar.

Section 11-2/ - Historical Reports

C Cabak Monitor - User: admin	
<u>F</u> ile <u>H</u> elp	
Cabak	Report
Users	
Bookings	Historical Report
Reports	After Hours
Graphs	Alarms
Monitor	Bookings Back
Address	
Points	
Alarms	
Events	
Setup	
Log off	
The second secon	

Figure 11-8: Historical Reports

From the Historical Report Menu, you can choose to view historical appendixes of After Hours, Accumulator or Alarms Report, over periods of time. You can return to the previous screen by pressing 'back'.

C Cabak Monitor - User: admin		- • •
<u>F</u> ile <u>H</u> elp		
Cabak	Report	
Users	Report 100 - Al Clients (1/03/2013 to 31/03/2013) ▼ Show Heport Delete Heport	SAP CRYSTAL REPORTS *
Bookings		
Reports		
Graphs		
Monitor		
Address		
Points		
Alarms		
Events		
Setup		
Log off		
-Practic Viscolarity -Drafting -Property Meloperation	Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 1009	6
		Back

Section 11-2-1/ -Historical After Hours Report

Figure 11-9: Historical After Hours Report Part 1

Before showing the report, you must set the following field:

Historical Report:		
Report 100 - All Clients (1/03/2013 to 31/03/2013)	Show Report	

1. Historical Report: choose which previously created report to view, depending on the client and period reported.

Once these have been chosen, click on Show Report.



Note: the most recent report is shown by default.



Figure 11-10: Historical After Hours Report Part 2

Cabak Monitor - User: admin							
<u>F</u> ile <u>H</u> elp							
Cabak	Historical Report:		Report	t			
Users	Report 100 - All Client	s (1/03/2013 to 31/03/20	13) ▼ Please Select Del	ete Report		SAP CRYSTAL REPO	RTS® 🗵
Bookings			Report - After Hours Po	ower Usage	Papart Na	000100	
Graphs	Contact: Client:	ate: Monday, 29 Ap John All Clients	ril 2013 11:23 AM Total Time for Period:0		Period From: To:	1/03/2013 31/03/2013	-
Monitor	Number	<u>StartTime</u>	EndTime	Duration	<u>Charg</u>	<u>e PointID</u>	
Address				Total Charg	je:		
Points							
Alarms							
Events							
Setup							
Log off							
-Restance Brog treaming -Burry Namibering	Current Page No.: 1		Total Page No.: 1	Zoi	om Factor: 100%		-
(Fright) Materianan			·····				Back

Figure 11-11: Historical After Hours Report Part 3

The Historical Reports also have the same managing toolbar as the New Reports. Refer to Section 11-3/ - Management Toolbar for instructions on how to use this toolbar.

				-						
C Cabak Monitor - User: admin										
<u>File H</u> elp	_									
Cabak	Historica	al Report:			Re	port				
Users	Report	100 - All Clients (1/03	/2013 to 31/03/2013)	• » 1	Please Select /1	Belete Report			SAP CRYSTAL REP	ORTS® 🗵
Bookings					Report - A	Accumulator				Î
Reports		Report Date:	Monday, 22 April 2	013 3:55 PM			F	Report No.	000100	
Graphs		Contact: Client: All (Clients					Period From: To:	1/03/2013 31/03/2013	E
Monitor		Description CLIENT:			Initial Value	End Value	<u>Usaqe</u>	<u>Rate</u>	<u>Value</u>	
								Client Cost :		
Address								Total Cost:		
Points										
Alarms										
Events										
Setup										
Log off										
										-
Organity a Bagintenity Organity and readering Organity Industry	Curren	it Page No.: 1		Total Pa	age No.: 1		Zoon	Factor: 100%		
										Back

Section 11-2-2/ - Historical Accumulator Report

Figure 11-12: Historical Accumulator Report

The Accumulator Report has the same fields as the After Hours Report, which must be fulfilled before the report can be generated:

Historical	Report:
------------	---------

(
Report 100 - All Clients (1/03/2013 to 31/03/2013)	Show Report

1. Historical Report: choose which previously created report to view, depending on the client and period reported.

Once these have been chosen, click on Show Report.

The Accumulator Report also has the same management toolbar as the After Hours Report. Refer to Section 11-3/ - Management Toolbar for instructions on how to use this toolbar.



Note: the most recent report is shown by default.

	······································	
Cabak Monitor - User: admin		
<u>File H</u> elp		
Cabak	Historical Report:	
Users	Hepoti 1 - All Clients, All Types (1//03/2013) ▼ Please Select Delete Pr ▲ ▲ ▲ ● > 1 /1 M €, ▼ Main Report > > > > 1 /1 M €, ▼	SAP CRYSTAL REPORTS • 🗵
Bookings	Report - Alarms	
Reports	Report Date: Monday, 29 April 2013 11:51 AM Report N	No. 000001
Graphs	Contact: John Alarm Types: All Types Period Fr Client: All Clients	rom: 1/03/2013 To: 31/03/2013
Monitor	Alarm Date Alarm Name Acknowledged By User Date Acknowledged Poir	ntl <u>D Value</u>
Address		
Points		
Alarms		
Events		
Setup		
Log off		
-Spectra to Bengton and to		•
Builting Britishing	Current Page No.: 1 Total Page No.: 1 Zoom Factor: 1009	Back
Y		Dack

Section 11-2-3/ - Historical Alarms Report

Figure 11-13: Historical Alarms Report

1	2	3	4	5	6		7			8		9	10
£	-	2	Ð	(?)	E	M		×.	M	1	[/	M	ج 🕭

The Alarms Report has the same fields as the After Hours Report, which must be fulfilled before the report can be generated:

Historical Report:		
Report 1 - All Clients, All Types (1/03/2013 to 31/03/2013)	Please Select	Delete Report

1. Historical Report: choose which previously created report to view, depending on the client and period reported.

Once these have been chosen, click on Show Report.

The Accumulator Report also has the same managing toolbar as the After Hours Report. Refer to Section 11-3/ - Management Toolbar for instructions on how to use this toolbar.



Note: the most recent report is shown by default.

Section 11-3/ - Management Toolbar:

Numerous viewing and output actions can be performed from this toolbar. It is located at the top left of every report, after it has been created. From this toolbar, the following actions can be undertaken:



- 8. Got to selected page of report
- 9. Search for specified text
- 10. Page zoom can be chosen from drop down menu

By clicking on the Export Button defined.

C Export Report											×
🔾 🗢 🖪 🕨 Tai	ma 🕨							•	✓ Search	Tama	Q
Organize 🔻 Ne	w folder										- 0
Favorites		.idlerc	IntelliJIdea 11	.ssh	.zenmap	Contacts	Desktop	Downloads	Dropbox	Favorites	IdeaProject s
Recent Places Propbox		Links	My	Ny Music	My Pictures	My Videos	niagara	Saved	Searches	VSWebCac	
 Libraries Documents Music Pictures Subversion Videos 			Documents					Games		he	
🖳 Computer	Ŧ										
File <u>n</u> ame:											
Save as <u>t</u> ype:	Crystal R	eports (*.rpt)									-
Hide Folders	Crystal Re PDF (*.pd Character Microsoft	eports (*.rpt) (f) r Separated V t Excel (97-20	alues (CSV) (*.cs 03) (*.xls)	v)							

Reports can be exported in a number of formats. These are Crystal Reports (*.rpt), Adobe Acrobat (*.pdf), Microsoft Excel (*.xls), Microsoft Excel Data Only (*.xls), Microsoft Word (*.doc) and Rich Text Format (*.rtf).

By clicking on the print button , the report will be printed using the computers print dialogue box.

Section 12/ - Events

On the Events page, previously created events can be edited and deleted, and new events can be added.



Figure 12-1: Events Page

After initial installation, only the Add Event button will be available. Clicking on the green Add button will bring up the next screen.



Note: Event Reports are emailed to the Site Contact Only. Should you require more than one recipient, enter multiple email addresses in the Site Contact Email field (found on the Setup Page; Refer to Section 5/ - Setting Up the Environment) separated by a semicolon (;)

Site Address:	Address of the site		
Site Contact:	Bill	Email:	ly@microsoft.com; st =vey@apple.com
Report Contact:	John	Email:	von@neumann.com

Section 12 - 1/ - Email Reports

Cabak Monitor - User: admin		_ 0 🔀
<u>File</u> <u>H</u> elp		
Cabak	Events	
Users Users Bookings Reports	Event Details Event Name: Event Name: Event Type: Email Reports 3 Last Run Time: Never Event Message Recipients: Edit (all recipients will be notified) Subject: Body:	
Graphs Graphs Graphs Address	Recurrance Pattern Report Parameters Image: Point Parameters Clients: Image: Pattern Point Parameters Clients: Image: Point Parameters Clients: Image: Pattern Point Parameters Clients: Image: Pattern Parameters Clients: Image: Pattern Parameters Clients: Image: Pattern Parameters Period: Image: Pattern Parameters Period:	
Points Alarms	Monthly	
Setup		
Contract of the second se		

Figure 12-2: Add Email Reports Events Page

Before an Email Report event can be added, the following fields must be completed:

- 1. Event Name: The name of the event
- 2. Event Type:

Email Reports	-
Email Reports	
Email Alive	
Email Point Values	
SMS Alive	
SMS Point Values	

- 3. Last Run Time: The last time the event was run
- 4. Who receives the email
- 5. Email Subject: The subject of the event email
- 6. Email Body: The body of text of the email message
- 7. Recurrence Pattern:
 - Hourly: Runs each hour on the dot
 - Daily: The event can be chosen to run each day at a selected time

• Weekly: The event can be chosen to run weekly, and may be specified a specific day to occur.



• Monthly: The event can be chosen to run monthly, and may be specified a specific day of the month to occur.



- 8. Report Parameters:
 - Clients:

Report Parar	neters	
Clients:	One Report for all Clients	
Period:	One Report for all Clients One Report for each Client	
Report:	One Report for a specific Client	ł

The Event Report can be chosen to be sent as a combined report of all the clients, or can be sent as individual reports for each client.

• Period:

- Report Paramet	ers
Clients:	One Report for all Clients
Period:	Last Calendar Month 👻
Report:	Last Calendar Month Last Month From Today So Far This Month

The period must also be defined, from the choices available from the drop down menu. They are the Last Calendar Month, the Last Calendar Month from Today or So Far This Month.

• Report:

Report Para	meters
Clients:	One Report for all Clients
Period:	Last Calendar Month 💌
Report:	After Hours Report
	After Hours Report
	Accumulator Report
	Alarms Report
	Bookings Report

Lastly, the type of report to be sent must be chosen. This can be the After Hours Report, Accumulator Report or Alarms Report.

Once the fields have been completed, the event can be saved or cancelled by pressing the appropriate button at the bottom.



Note: Scheduled events are run nightly at 12 midnight

Section 12 - 2/ - Email Alive

Cabak Monitor - User: admin		- • ×
<u>F</u> ile <u>H</u> elp		
Cabak	Events	
Users Bookings	Event Details Event Name: Event Type: Email Alive Cont Name: Cont Name: Cont Name:	
Reports	Veils (reissage Kecipients: Edit (all recipients will be notified) Subject: Body:	
Graphs Graphs Monitor	7 Recurrance Pattern	
Address Points	Daily Time: 8:00:00 AM Weekdy Monthly	
Alarms	Save Cancel	
Setup		
Log off		

Figure 12-3: Add Email Alive Events Page

Before an Email Alive event can be added, the following fields must be completed:

- 1. Event Name: The name of the event
- 2. Event Type:

Email Reports	-
Email Reports	
Email Alive	
Email Point Values	
SMS Alive	
SMS Point Values	

- 3. Last Run Time: The last time the event was run
- 4. Who receives the email
- 5. Email Subject: The subject of the event email
- 6. Email Body: The body of text of the email message
- 7. Recurrence Pattern:
 - Hourly: Runs each hour on the dot
 - Daily: The event can be chosen to run each day at a selected time

• Weekly: The event can be chosen to run weekly, and may be specified a specific day to occur.



• Monthly: The event can be chosen to run monthly, and may be specified a specific day of the month to occur.



Once the fields have been completed, the event can be saved or cancelled by pressing the appropriate button at the bottom.



Section 12 - 3/ - Email Point Values

Events can also be added to email Point Values.

Cabak Monitor - User: admin		_ 0 💌
<u>F</u> ile <u>H</u> elp		
Cabak	Events	
Users	Event Details 1 Event Name: 2 Event Type: Email Point Values 3 Last Run Time: Never	
Bookings	Event Message 4 Recipients: Edit (all recipients will be notified)	
Reports	5 Subject: 6 Body:	
Graphs		
Monitor	7 Recurrance Pattern 8 Selected Points ◎ Hourly ◎ Double Time: 8-00-00 AM (a) 3233-AnalogValue 3233-AnalogValue	
Address Points	Daily Imme. 0.0000 r/m imme. 0.0000 r/m imme. Weekdy Monthly on the imme. of every month	
Alarms	Save Cancel	
Events		
Log off		
And the second s		

Figure 12-3: Add Email Point Values Events Page

Before an Email Alive event can be added, the following fields must be completed:

- 1. Event Name: The name of the event
- 2. Event Type:

Email Reports	-
Email Reports	
Email Alive	
Email Point Values	
SMS Alive	
SMS Point Values	

- 3. Last Run Time: The last time the event was run
- 4. Who receives the email
- 5. Email Subject: The subject of the event email
- 6. Email Body: The body of text of the email message
- 7. Recurrence Pattern:
 - Hourly: Runs each hour on the dot
 - Daily: The event can be chosen to run each day at a selected time

• Weekly: The event can be chosen to run weekly, and may be specified a specific day to occur.



• Monthly: The event can be chosen to run monthly, and may be specified a specific day of the month to occur.



Once the fields have been completed, the event can be saved or cancelled by pressing the appropriate button at the bottom.

8. Selected Points:



The points (the values of which the event will send in an email to the site and report contact) must be chosen from the points available from the Cabak Monitor Application. The list of detected and available points can be found under Selected Points.

Once the fields have been completed, the event can be saved or cancelled by pressing the appropriate button at the bottom.



Note: Scheduled events are run nightly at 12



After the event has been added, it may be edited or deleted, or another event may be added.

Figure 12-3: Events Page (Event Added)

To edit an event, click on the Edit button, located under the available events.

Clicking on the edit button will open a page similar to the one opened when the event was first added. This page allows for changes to be made to the event fields.

Cabak Monitor - User: admin		
Cabak	Events	
Users Bookings Reports Graphs	Event Details Event Name: daily values Event Type: Email Point Values Event Message Recipients: Edit (all recipients will be notified) Subject: My daily values Body: Here are my daily values	
Monitor Address Points	Recurrance Pattern Selected Points Hourly My analog value Daily Time: 8:00:00 AM Image: Selected Points Weekly Or BinaryValue Monthly Image: Selected Points	
Alarms Image: Setup	Save Cancel	
Log off		

Figure 12-4: Editing Events Page

Once the changes have been made, the event can be saved or cancelled, by clicking on the appropriate button at the bottom.

If a particular event is to be deleted, the following popup window will appear after the delete button is clicked, requesting confirmation of the deletion.

Confirm	X
	Are you sure you want to delete selected event?
	Yes <u>N</u> o

Clicking 'yes' will remove the selected item from the available events on the Events Page. Clicking 'no' will return to the Events Page, with removing the selected event.

Section 13/ - Logging Off

To Log off Cabak Monitor, simply click on the Log off Button situated under the navigation button panel on the left of the screen.



Logging off will take you to the original User Login screen.



Inactivity for a period 5 mins will cause the application to automatically log the user off.

Section 14/ - Technical Assistance

This program has been installed and configured by a contractor. The best and quickest way to achieve assistance with this application is to contact the contractor directly.

Contractor Contact Details

Company Name Contact Name Phone No Mobile

After first contacting the Contractor and assistance is required then please contact Cabak Phone: 07 3256 8608 Mob: 0412 063 566 E-Mail: <u>mike@cabak.com.au</u> Web Site: <u>www.cabak.com.au</u>