



# USB GSM 3G modem RMS-U-GSM-3G

Manual (PDF)

Version 1.0, 2014.8.1



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# 1. Introduction

The 3G USB Modem provides global wireless access to the Internet and email on GSM / GPRS / EDGE / 3G capable networks. With this modem, your RAMOS ULTRA unit can connect to the Internet using your local GSM, GPRS, EDGE or 3G services.

The 3G USB Modem is powered directly from a USB interface, so no charging devices or external AC/DC adapters are required.

The 3G USB Modem is ready to use by simply connecting its USB interface to your RAMOS ULTRA USB port. The 3G USB Modem can also be connected to any PC or notebook that has USB support. It can also can be used with the CONTEG Pro Server application.

## 1.1 Benefits

This 3G USB Modem is ideal for remote locations, where a RAMOS ULTRA is being used to monitor and control critical environmental factors. After connecting to your RAMOS ULTRA, you can set up your preferred notification and alerting configurations including:

- Send SMS and email alerts from the RAMOS ULTRA base units
- Use the "Heartbeat" feature built into the RAMOS ULTRA to distribute SMS, email and HTTP data to remote web servers via your GSM network at predetermined times
- Support for the 3G USB Modem is already incorporated into the RAMOS ULTRA web interface in a convenient drop down menu for quick and easy setup

#### 1.2 Important

The 3G Modems are compatible only with RAMOS ULTRA units shipped after June 1, 2014. There is no visual way of telling if the modem is compatible, but we can check the MAC ID of when the units were shipped to you.

For more details, please consult the modem's product datasheet (available on our website).

## 2. Modem setup guide for RAMOS ULTRA base unit

What you'll need:



#### RMS-U-GSM-3G (3G USB Modem)

**Note:** The modem has no external antenna – it's not recommended for use in areas with weak signal. To confirm compatibility in your country, and for a comprehensive listing of the GSM/GPRS networks available and the frequencies that they use, visit <a href="http://www.mobileworldlive.com/maps/">http://www.mobileworldlive.com/maps/</a>



Mobile Service Provider SIM Card



You will need to purchase a SIM card from your local mobile service provider that you will install in the USB modem. This SIM card will provide the mobile connection that enables the base unit to send SMS, MMS, or voice alerts to your mobile phone.

**Note on SIM:** If the SIM card you purchased requires a PIN number, then you will need to contact your service provider and have them provide you with the instructions for disabling the PIN code on the SIM card. Otherwise it will not work on the base unit.

It is always a good idea to test the SIM card in your mobile phone or on your PC to ensure the SIM is working properly before installing the modem on your base unit.



RAMOS ULTRA base unit

Find the USB port located near the Eth 10/100 LAN interface. This is the port where you will connect the 3G USB modem.

**Note:** The 3G USB Modems are compatible only with RAMOS ULTRA units produced after June 1, 2014.

### 2.1 Connecting the 3G USB Modem to your RAMOS ULTRA

**Step 1:** Connect the 3G USB Modem to the RAMOS ULTRA unit's USB port, as shown in the picture above (it also works with a USB extender cable). It will be automatically detected by the RAMOS ULTRA unit.

**Step 2:** Configure the notification settings in the RAMOS ULTRA's web interface. See below for the basic instructions.

#### 2.2 Basic connection setup for RAMOS ULTRA (SMS)

**Note:** The 3G USB modem doesn't support voice alert notifications.

#### 2.3 SMS Alert – SMS Action

You need to first log in to the unit's web interface as the administrator and navigate to the "Notifications" page. Click on the "Begin notification wizard" page, followed by the "Create" button. From the drop down menu select the "SMS" action type as shown below. Then click "Next".



to complete your network	0 K			RAMO	TRA			
Location: System Location							Current S	ystem Time: 03/07/2012 10:22:45
Summary			Notification					Help
				Cre	eate Action			
Notification Menu								
Begin Notification Wizard		The Notification Wiza be sent.	rd will guide you step by step through	h the process of selcting	g a sensor, creating an action	and defining the criteria	under which the Notification will	
Action								
Add Action			Please select a	n Action Type SN	MP Trap	•		
Link Sensor To Action					nir itap sit		Annual Harrison	
Options				SM	IS av	<b>J</b> '	Cancel Next >	
View Notification Log				FTF	5			
Notification Analyzer				Cut	stom Script			
Help				Sire	en			
Please select an Action Type from the pu Later your action will be linked to a sense status.	all down box. or and			War Siky Dry Enu Mo Ala Spi	and up consummer ype Call/SMS contact able/Disable Sensor To Action dbus rm Sound sech und Los			

**Note:** If the screen images appear too small, just use the zoom feature in your pdf viewer to make them bigger.



On the next screen, you will name your action and add your mobile phone number, or a list of mobile phone numbers that your SMS alert will be sent to. You can add multiple numbers in the call list. There is no limit to the amount of numbers you can add. However, the more numbers you add, the longer it will take to finish sending the alert out as SMS alerts call to the first number and after finishing will call to the second number and so on.

**IMPORTANT NOTE:** If you set up multiple SMS alerts in the same notification folder, this will cause an "SMS Queue Full" error. For example, if you have multiple mobile numbers on a list, and you set up each SMS alert to go out to only one number, then you will get an error message. If you have set up your notification setting like this, it forces the RAMOS ULTRA to connect to each phone number for an equal amount of time for each alert. (For example, if one notification has 20 SMS alerts, then the device needs to call and connect to the service provider 20 times). This causes the SMS queue to fill up and report an error message.

What you need to do is change the setting to send one SMS alert to multiple numbers. This will decrease the number of connections to the service provider.

5	MS Action Wizard				
Action Name	SMS 1				
	Phone Number List				
Phone Number					
	Add Phone Number	Delete Phone Numb	er		
				_	
					Cancel Next

After you have finished adding the mobile numbers to the call list, click the "**Next**" button as shown above.



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S	SMS Action Wizard		
SMS Message	Message1: Testing Sensor Port 1 on \$[BOARD_DESC] is now 80 Unit, status is now Normal From 192.168.161.237 Customized		
		Ca	ncel Back Next

The next screen of the SMS Action Wizard will show the SMS message that will be sent. You can click on the "**Customized**" button to edit the text that will be sent. After you're finished, click on the "**Next**" button.

The customized message is a template compiled from static written words and dynamic macro texts.

	SMS Action Wizard
Mobile Phone Port	USB Modem
Mobile Phone Port Speed	Auto 💌
Delay Time Between Sending PDU Packet	0
Delay Time Between Sending Connection	0
Select for Initialization String	Other(Custom Setup) 💌
Initialization String	
	Cancel Back Next

In the screen above, you will select the modem port from the drop down list. For the 3G USB Modem, you will choose "**USB Modem**". You should also note whether the wording "(Not Connected)" appears under "USB Modem". This means that the unit does detect the modem is connected to the USB port. If you see this wording under "USB Modem", then there is a problem with the connection. You should check the cable or try connecting the modem directly to the USB port.

Summary	Мар	Sound Log	Sensors	Not	ification	Settings	Applications	Help
				SN	IS Action Wizard			
Notification Menu	i							
Begin Notification Wizard			Mobile	Phone Port	USB Modem	•		
Action			Mobile Phone	Port Speed	Auto 🔻			
<ul> <li>Add Action</li> </ul>			Delay Time Between Sending F	PDU Packet	0			
Link Sensor To Action			Delay Time Between Sending	Connection	0			
Options			Select for Initializ	ation String	Other(Custom Setup) 🔻			
View Notification Log			Initializ	ation String	Other(Custom Setup)	ī		
Notification Analyzer					Teltonika G10			
Help					EDGE-180M		Cancel Back	Next
Coloriting connection method	hotwood				HSUPA			
your phone and computer.	Detween				MBD-220H0			
If you do not know your Port S Initialization String leave them and Blank respectively. Please select Cancel to leave mode and as back to the mode	peed and as Auto							
saving.								

You can leave the port speed as **Auto** and disregard the Delay Times settings. Choose the **HSUPA** from the Initialization String drop down list and click "**Next**" as shown above.

SMS Action Wizard			
Maximum Times to Resend 0 💌			
Resend Intervals (secs) 10			
Resend on Server Timeout 0 -			
	C	ancel Bac	k Next

On the next screen, you can set up the "Maximum Times to Resend", which is five. You can also set the "Resend Intervals" and the "Resend on Server Timeout" in case there is a problem connecting to the GSM service.



Clicking on the "Finish" button will save your new SMS alert format and complete the wizard.

You will now see your new SMS alert in the action list as shown above, and you can test it to make sure it is working correctly by first highlighting it, then clicking on the "**Test Action**" button.

You can then navigate to the Summery page and check the Syslog for the entry regarding the successful test message.

Now that you have your SMS alert format completed you can link it to any sensor connected to your base unit using the "Link Sensor to Action Wizard".

#### 2.4 3G data connection setting for RAMOS ULTRA

You can find the data connection settings under the **Settings** page. Select **Connectivity**, and then find **Dial-Out Modem**.



Select **Modem On Port** as the **USB Modem** from the drop-down list, and enter the connection details, as given by your service provider.

Summary	Мар	Sound Log	Sensors	No	tification	Settings	Applications	Help	
					Dial-Out Modem				
Setup			Connee	tion Method	Never Dial-Out (Use Ethernet Only) 🔻				
General			Con	nection Type	Always On 🖲	On-Demand			
Connectivity				Status	Disconnected Vie	w Log			
Ethernet Network				IP address	n/a				
Wifi Network					Save Reset				
Modbus					Dial-Out Profiles				
SNMP			Мо	dem On Port	USB Modem	•			
SNMPTraps			Moden	n Port Speed	Auto 🔻				
Bluetooth			Initiali	zation String					
Dial-In Modem			Conn	ection Mode	GPRS : Secured	•			
Dial-Out Modem			Access	Point Name	Normal PAP : Unsecured				
OpenVPN Client			Re	dial Attempt	PAP : Secured				
Serial to Network Proxy			Idle time before hangi	ng up (secs)	GPRS : Unsecurer GPRS : Secured	30 secs			
Server Integration				Login	RAS				
System Administrator				Password					
Password Checking			ISP's Domain M	lame Server					
User & Group Managem	ent				Save Reset				
System Maintenance									

You may select a different **Connection Mode** (PAP/GPRS/RAS). The most commonly used mode is **GPRS Unsecured**.



Summary	Map	Sound Log	Sensors No	tification	Settings	Applications	Help			
			Dial-Out Modem							
Setup			Connection Method	Never Dial-Out (Use Ethernet Only) V						
<u>General</u>			Connection Type	Never Dial-Out (Use El Dial Out If Ethornot fail	themet Only)					
Connectivity			Status	Use Dial-Out Only	eu					
Ethernet Network			IP address	n/a						
Wifi Network				Save Reset						
Modbus				Dial-Out Profiles						
SNMP			Modern On Port	USB Modem	•					
SNMPTraps			Modem Port Speed	Auto 🔻						
Bluetooth			Initialization String							
Dial-In Modem			Connection Mode	GPRS: Unsecured *						
Dial-Out Modem			Access Point Name							
OpenVPN Client			Redial Attempt	0 •						
Serial to Network Proxy			Idle time before hanging up (secs)	30	30 secs					
Server Integration			Login							
System Administrator			Password							
Password Checking			ISP's Domain Name Server							
User & Group Managem	ent			Save Reset						
System Maintenance										

You may change the Connection Method:

- Never Dial Out (Use Ethernet only): The unit will never try to use the modem for sending out notifications. If you don't have an Ethernet connection, you should change this setting, otherwise you won't get any notifications.
- **Dial-Out if Ethernet failed**: The unit will only use the modem for sending out notifications if the Ethernet connection fails.
- Use Dial-Out Only: The unit will only use the modem to send out notifications, regardless of the state of the Ethernet connection.

Summary	Мар		Sound Log	Sensors	Not	tification	Settings	Applications	Help	
		Dial-Out Modem								
Setup				Connec	ction Method	Never Dial-Out (Use Ethernet Only) 🔻				
<u>General</u>				Conr	nection Type	Always On	On-Demand			
Connectivity					Status	Disconnected View	r Log			
Ethernet Network					IP address	n/a				
Wifi Network						Save Reset				
Modbus						Dial-Out Profiles				
SNMP				Mo	dem On Port	USB Modem	•			
SNMPTraps				Modern	n Port Speed	Auto 🔻				
Bluetooth				Initiali	zation String					
Dial-In Modem				Conn	ection Mode	GPRS: Unsecured	•			
Dial-Out Modem				Access	Point Name					
OpenVPN Client				Re	dial Attempt	0 •				
Serial to Network Proxy				Idle time before hangi	ng up (secs)	30	30 secs			
Server Integration					Login					
System Administrator					Password					
Password Checking				ISP's Domain M	lame Server					
User & Group Managemen	nt					Save Reset				
System Maintenance										

You may change the **Connection Type**:

- **On-Demand**: The unit will initiate a connection only when it's necessary for sending out notifications.
- Always On: The unit will keep the connection up, even when there is nothing to send.

You can always view the current connection status on this page.

#### 3. Modem setup guide for CONTEG Pro Server

What you'll need:



RMS-U-GSM-3G (3G USB Modem)

**Note:** The modem has no External Antenna – it's not recommended for use in areas with a weak signal. To confirm compatibility in your country, and for a comprehensive listing of the GSM/GPRS networks available and the frequencies that they use, visit <u>http://www.mobileworldlive.com/maps/</u>



Mobile Service Provider SIM Card

You will need to purchase a SIM card from your local mobile service provider that you will install in the USB modem. This SIM card will provide the mobile connection that enables the base unit to send SMS, MMS or voice alerts to your mobile phones.

**Note on SIM:** If the SIM card you purchased requires a PIN number, then you will need to disable it using the 3G Modem's configuration program (see below for instructions). Otherwise it will not work with the CONTEG Pro Server.



Free USB port

**Note**: The front panel USB ports usually provide less power than the ones in the back. We advise you to connect the USB modem to one of the back ports of your machine, especially if you're using a USB extender cable.

The 3G Modem doesn't have a high-power requirement, but it would perform better in one of the back ports.

## 3.1 Connecting the 3G USB Modem to your PC/Server

**Step 1:** Connect the 3G Modem to the PC/Server's free USB port, as shown in the picture above (it also works with a USB extender cable). It will be automatically detected by Windows and show the setup program for the driver installation. See below for a guide on installing the drivers.

**Step 2:** Configure the notification settings in the CONTEG Pro Server. See below for basic instructions.





#### 3.2 3G Modem installation for PC/Server

Windows will detect the device connected to the USB port, and install it. There is a virtual CD drive on the modem, which contains the driver files. Run autorun.exe to begin the installation process:



Wait for the setup wizard to finish:

3G Voice Modem - InstallShield Wizard	<b>— X</b> —
Setup Status	NZA.
3G Voice Modem is configuring your new software installation.	
InstallShield	Cancel
3G Voice Modem - InstallShield Wizard Setup Status	
3G Voice Modem - InstallShield Wizard Setup Status 3G Voice Modem is configuring your new software installation.	
3G Voice Modem - InstallShield Wizard Setup Status 3G Voice Modem is configuring your new software installation. Removing backup files	
3G Voice Modem - InstallShield Wizard Setup Status 3G Voice Modem is configuring your new software installation. Removing backup files	





The modem setup will install the necessary drivers for the connection:



After the setup is completed, it will start the configuration program for the modem:

🍓 3G Voice	Modem						
Tal	U	R					
			0			<b>(</b> \$	
Connect	SMS	Call	Phonebook	Internet	Statistics	Options	
Phone				Clear			
3G Voice I 5/14/2014	Modem 2:19:58 PM		Call History	SMS			
ماندنى ماندىنىڭى	Marait Million	8	Call	Hangup			
3 <i>6</i> 5 USB	NODEN		1 2 4 5 7 8	3 6 9			
	3	1	* 0	#			
UP: 0 kB	•	0 bps	6	DW	:0 kB	0 b	ps

You can also configure the modem's 3G network settings with this utility.



#### 3.3 Disable the SIM card's PIN using the modem's configuration program

In the Options menu, you'll have the option to disable the SIM card's PIN number, if you haven't already done. You must disable the PIN number to be able to use the modem with a RAMOS Ultra device and the CONTEG Pro Server.

🐐 3G Voice Modem						_×
Tail	UR					
<i>6</i>		@			43	
Connect SMS	Call	Phonebook	Internet	Statistics	Options	
General Messages	Network USAG					
Security		Pow	er			
PIN code settings l card against unaut	nelps to protect horized use:	USIM Pow Off	ver settings a PC-Card radio	llows to switc power:	n On and	
Enable Pin	Modify Pin		ON	OFF	-	
Disable Pin	Unlock Pin					
UP: 0 kB	0 bp	S	DW:	: 0 kB		0 bps

#### **3.4** Basic notification setup for CONTEG Pro Server (SMS)

Note: the 3G USB Modem doesn't support voice alert notifications.

This tutorial provides you with the information needed to set up the SMS notification feature. Before starting this tutorial:

- Connect the modem to the PC/Server's free USB port
- Let the modem successfully install and configure itself

When the device is connected and successfully configured, you can start the CONTEG Pro Server:



We will show you how to set up an SMS notification when the 'host status' virtual sensor goes offline using the 3G Modem. The modem needs to be connected to the USB port of the test machine where the CONTEG Pro Server is installed.





After setting up this notification, you should receive a text message from the CONTEG Pro Server informing you that your RAMOS ULTRA is offline. You will then be able to take immediate action. With notifications, you will be able to monitor your sensors anytime and anywhere.

We create notifications on the **Notifications** page. To open the Notifications page, click the Notifications button on the main navigation bar. The Notifications tab will appear in the main window.

There are four tabs under it – "Notification Rules", "Actions", "Notification Logs" and "Notification Analyzer".



First, we need to create a **notification action** and a **notification rule** to link the action to a sensor and status conditions.

To create a notification action, click on the **Actions tab** under Notifications and click the '**Create**' button. A 'Create Action' dialog window will appear.

Create Action	X
Custom Script Dry Contact E-Mail FrA FTP Photo and Information Upload MMS Relay Siren & Strobe Light Skype Call/SMS Skype Call/SMS	<ul> <li>(i)) Sound</li> <li>Speech</li> <li>Telephone Call</li> <li>Oulock Door</li> <li>Wake Up/Shutdown</li> <li>Windows Alert</li> </ul>
<ol> <li>Please select the action type you want</li> <li>Press "Next" button or double click ar</li> </ol>	t to create from the list. n icon to start the wizard.
Help	<back next=""> Cancel</back>

In the dialog window, you will see a list of notification actions. Select the **SMS** action, and click '**Next**' to run the SMS Wizard dialog.



SMS Wizard			×
SMS Phone Numbers Step: 1 of 4: Name the	action and enter the pho	ne number of the recipients.	<b>5</b> 100 9
100001	Action Name	SMS	
10 100	Phone Number	+420 724 740 147	Add
00 1 10 1000 110 1000 0110 1000 00110 1000 0010 1000 00000 0000 0000 000000	Phone Number List		Remove
	Help	< Back N	Next > Cancel

Enter an **action name** and enter at least one **phone number** in the Phone Number List. To add a number, enter the number in the '**Phone Number**' field and click the '**Add**' button. The number will then be added in the Phone Number List box.

You can remove phone numbers in the list by selecting the number and click the '**Remove**' button. Click '**Next**' to continue.

SMS Wizard			×
SMS Message Step: 2 of 4: Define the co	ontent of the	: message.	s <sup>M</sup>
10000 100 100 100 100 100 100 100 100 1	From	\$[IP]	
10 10000 00110 1000 00110 1000 1000	Message	S[DESCRIPTION] is now S[VALUE], status is now S[STATUS]	
		Preview Restore Default Macro Description	]
		Help < Back Next >	Cancel

You can customize the SMS message to be sent. The '**From** [IP]' is an example of a macro description named '[IP]'. In the actual SMS message, the value of it will depend on the IP address of the host sending the notification. If you wish to preview your message, click the '**Preview**' button.

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MS Wizard SMS Mobile Settings Step: 3 of 4: Enter the me	bile phone device setting.	
0 10 10 10 10 10 10 10 10 10 1	Mobile Phone Port : Device Name : Port Speed : Initialization String : Timeout : 120 x Secon	ıds.
	Help < Back	Next > Cancel

For this example, the 3G Modem is attached to port COM3. Select COM3 as the Mobile Phone Port. If you are unsure what Port your modem is connected to, browse your Device Manager under Modems. Right click on your device and click on Properties. You can see the port and maximum port speed under the modem tab.

E Computer Management		
File Action View Help		
🜆 Computer Management (Local 🕢 🚔 DemoServer-PC		Actions
A 🙀 System Tools 🛛 🖓 📲 Computer		Device Manager 🔺
Disk drives      Event Viewer      Disk drives      Disk drives      Disk drives		More Actions
Shared Folders		
🛛 🗛 Local Users and Groups 🛛 ک 🔚 Human Interface Devices	3GUSB Modem Properties	×
Note: Not		
A Device Manager	Driver Details Power Managem	ent
Storage     Disk Management	General Housen Diagnostics Advi	anced
Services and Applications	Port: COM3	
D-I Monitors	Speaker volume	
Network adapters	Off High	
Portable Devices		
5 📲 Sound, video and game controllers	Maximum Port Speed	
System devices		
Universal Serial Bus controllers	115200	
	Dial Control	
	Wait for dial tone before dialing	
	<u></u>	
	ОК	Cancel
		1

Leave the default **Port Speed** on 'Auto'.

**'Timeout'** is the time lapsed in seconds that the system has no response from the modem device.

Click 'Next' to continue.

MS Wizard Retry Action			×
Step: 4 of 4: Set the num	ber of retries and interval.		
100001	Number of Times to Retry	0 •	
5 10 100	Retry Intervals	10 🚔 Seconds	
00100000000000000000000000000000000000			
	Help	< Back Finish	Cancel

'Number of Times to Repeat' is the number of times the SMS message will be sent.

'Repeat Intervals' is the time interval in seconds between the resent SMS messages.

In this example, we only want to receive one SMS message, so we will set the "Number of Times to Repeat" to 0.

You can click the '**Back**' button to change any previous configuration. Click the '**Finish**' button to create an SMS Notification Action.



Your SMS action named '**SMS**' is created and displayed in the action list. You can test your newly created notification action by selecting the action and clicking '**Test Action**' to make sure it does what you need it to do. You can click the '**Edit**' button if you need to reconfigure the action.

🧕 CONTEG Pro : adr	min@AFRODITE - Workspace	e	1	and the second se		
Server Add View	Settings Tools Help					
	Notification Rules	Actions	Notification Logs	Notification Analyzer		
	🕀 Create	🖋 Edit 📋 Remo	ve P Disable	(L) Escalation		
<u> </u>	Sensor Name	Actio	on Status	Action Name	Time Before Escalation	Escalated Action
Monitoring						

The next step is to create a notification rule and link this action to a sensor and specify the status requirements that will trigger this action. Click on the "**Notification Rules**" tab. To create a notification rule, click the '**Create**' button and follow the Notification Rule Wizard.

Notification Rule Setup Step: 1 of 4: Choose sensor, status, and action t	hat will trigger the notification	on.	
Sensor	Status	Action	
<ul> <li>□ RAMOS Ultra (TEST) (192.168.161.100)</li> <li>Ping RAMOS Ultra</li> <li>□ ■ Main Module</li> <li>Airflow Port 2</li> <li>Temperature Port 1</li> </ul>	High Critical High Warning Normal Low Warning Low Critical Sensor Error	SMS	e Action

Select a sensor, the status requirements and the notification actions. If the desired action does not exist yet, you can create an action by clicking the '**Create Action**' button.

In this example, we will set up a notification rule where an SMS notification to the administrator will be sent out when the '**Temperature Port 1**' sensor reaches a High Warning or High Critical status.

You can see additional status options for each column by holding down the 'Ctrl' button on your keyboard. Select the correct status option by right clicking the mouse.

Notification Rule Wizard Notification Duration Step: 2 of 4: Enter the time duration for each sensor sta	tus. This durati	tion will delay the start of the notification.
High Critical	0	Seconds
High Warning	0	Seconds
Normal	0	Seconds
Low Warning	0	Seconds
Low Critical	0	Seconds
Sensor Error	0	Seconds
		< Back Next > Cancel

You can set up the notification rule to activate only when a certain status persists over a specified amount of time (in seconds). This feature allows you to filter real threats from false alarms, as possible fluctuations can occur in the sensor values but pose no real threat. Click '**Next**' to schedule when to activate the notification.



Notification	Sch	edu	ler	۲	Enał	ble	0	Dis	able															
Select the ti	me	that	t the	e no	tific	atio	n w	ill b	e ac	tive														
ALL	AM PM																							
ALL	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								$\square$
Friday																								
Saturday																								
															I	nve	rt se	lecti	ion/	Set	to v	vorl	ing	hou
Legend																								
Not	ifica	tion	act	ive				То	sele	ct a	who	ole r	ow/e	colu	mn,	clic	k at	a ro	w/c	olur	nn l	abel		
Not	ifica	tion	ina	ctive				То	sele	ct a	min	ute,	righ	nt cli	ck a	tad	ell.							

You can chose whether to enable the calendar option, otherwise the notification will always be active.

Notification Rule Wizard	X
Notification Escalation	
Step: 4 of 4: Escalations can be added later.	
Please check the box below if you want to associate an escalation to this action.	
Add an escalation to this action.	
< Back Finish Ca	ancel

After setting the calendar, you have the option to include an escalation that will be activated after a specified amount time has passed after the initial notification. If you wish, you may add it later by going to the Notification Rules List page. Click '**Finish**' to create the notification rule.

Server Add View Settings Tools Help				
	Notification Rules Actions N	lotification Logs Notification Analyzer		
	🕀 Create 🥒 Edit 🛅 Remove	Disable     Escalation		
<u> </u>	Sensor Name	Action Status	Action Name	Escalated Action
Monitoring	Temperature Port 1 (10.1.5.254)	> High Critical	🛅 📂 🚆 SMS	
_		High Warning		
÷				
Access Control				
Time Attendance				
Notifications				

You now have created a notification rule. You have the option to Edit, Remove, Enable/Disable and Add an Escalation to the rule. Select a Notification rule and click the appropriate button.