

Alarms

Defining alarms is a multi-step process, requiring you to setup the alarm actions, create recipient lists, and define qualifiers for multiple trigger alarms. Once they have been configured, alarms often require fine tuning to reduce the number of “nuisance” alarms while ensuring you are notified of general failures or problems. Ubiquity™ allows you to quickly and qualitatively make adjustments to all your alarms.



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Note:

For information on creating and configuring Alarms, refer to Section 6:3 "Setting up the Controller Network:Alarm Points".

Defining Alarm Recipient Lists

There are three types of recipient lists in *Ubiquity*[™]. There is the primary recipient list, those people that are notified of every report alarm generated by *Ubiquity*[™]. There are also recipients who are only notified of alarms specific to the controller point they are monitoring. There are also recipients that receive notification only when the QD2020i(e) is in fallback state (system disconnected from *Ubiquity*[™]). This distinction is important. As you setup these lists, you want to ensure that the proper people are receiving the alarms they need and are not receiving erroneous alarms.

- To set up general alarm recipients, refer to Section 5:7 "Setting Up User Access: Adding a User".
- To set up a controller alarm recipient, refer to Section 6:9 "Setting up the Controller Network: Alarm Recipients" section. This section goes into detail on setting up the Qualifiers, creating suggestions, as well as, determining alarm severity.
- Before creating a fallback alarm recipient list, refer to Section 6:9 "Setting up the Controller Network: Alarm Recipients" section for instructions on specifying which alarms are "fallback only" alarms. Because this function resides in the QD2020i(e) hardware itself it was designed for **emergency communication** only. As a consequence any renaming (points and controllers) that you have done in *Ubiquity*[™] is unavailable in this alarm state. You are also limited to 6 recipients. All fallback alarms are sent to all 6 recipients.

To set up a fallback alarm recipient:

- Go to Admin ⇒ System Parameters.
- Select the Site which you wish to configure fallback alarms from the drop-down.
- Go to the bottom section of the page, “Fallback Alarming Destinations”.
- Enter up to 6 email addresses in the provided text boxes.
- Click the “Submit” button to save your changes to *Ubiquity*™.

Globally Configuring Alarms

Once you have set up alarms and recipients for a single site, you have the ability to simultaneously configure these alarms for an unlimited number of controllers across multiple sites or rapidly configure alarms for other controllers within a single site. The configured alarms and recipients become a “template” for the alarm parameters to be configured for other controllers.

There is only one way to reach the Global Alarming page.

- Go to Global Changes ⇒ Global Alarms.

Ubiquity Version 3.0

My Sites Reports Global Changes Admin Maintenance Energy News Manual Operations Sign Out

Mon Mar 5th 5:44:01 pm 2007 CST

Global Alarming [Help](#)

Master Alarming Source
Site: Controller: Global Action:

(There are no alarms defined for this controller)

Select Alarm Points to Add Globally Select All

Select Alarm Recipients to Copy Select All

User Name	Login Name	Email Address	Severities
<input type="checkbox"/> emailtest	etest	nmcMahon@tcsbasys.com	None for Addr
<input type="checkbox"/> nmcMahon1	nmcMahon1	nancMahon@gmail.com	All Alarms for Site
<input type="checkbox"/> nmcMahon2	nmcMahon2	nancMahon@gmail.com	All Alarms for Site
<input type="checkbox"/> nmcMahon3	nmcMahon3	nancMahon@gmail.com	All Alarms for Site
<input type="checkbox"/> TCS Admin	tcsadmin	mkinsman@tcsbasys.com	None for Addr
<input type="checkbox"/> zz	zz		None for Addr

Set Sites to Add Alarms

Groups	Address	City	State	Area Code
<input type="checkbox"/> Test Paul				
<input type="checkbox"/> Unassigned Sites				
<input type="checkbox"/> Fedora 4				

Pending Operations

Start Time	Site	Controller	# Sites	# Controllers	% Complete

Privacy Policy POWERED BY Ubiquity

- Select the Site where the template alarms and recipients are located from the drop-down.
- Select the appropriate controller from the next drop-down.

Tip:

Underneath the drop-downs is a summary section that will show all the alarmed points for the Master Alarm. This is an excellent means to verify you are using the correct alarms and recipients as a template and ensure that the proper settings are being written.

Note:

If, after reviewing the Master Alarm information, you wish to make changes, you will need to go to the Site Programming page, make the desired changes, and then return to the Global Alarming page.

- Select the desired action from the drop-down.
 - Add New Alarm** - Selecting Add will always add an alarm if the controller supports the alarm point.
 - Edit Similar** - Selecting Edit will only change an alarm of the same point and limit types.
 - Remove Similar** - Selecting Remove will only remove an alarm of the same point and limit types.
- Check the checkboxes next to the alarm points you want to use from the template to globally alarm other controllers.
- Check the checkboxes next to the alarm recipients you want to include from the template as recipients of the globally configured alarms.
- Check the checkboxes next to the Groups, Sites or individual Controllers you wish to alarm (in order to see Controllers listed under any of the Groups or Sites, you need to expand the table by clicking the name of the Group or Site).

Tip:

Selecting a Group automatically selects all the Sites underneath that Group. Selecting a Site automatically selects all Controls underneath that Site.

- Click “Pending Operations” to expand that section and view details of previous global changes and the current status of those changes.
- Click the “Submit” button to save the changes to *Ubiquity*™.

Once you have submitted the request, *Ubiquity*™ will go out to each of the selected Controllers and make the requested alarming changes. As this may require numerous communications over a potentially large number of sites, you should allow at least 10 - 15 minutes per Site for these changes to be made.

Viewing and Removing Alarms

Viewing Alarms - There are two ways to view alarms:

From the My Sites page -

- Click “Alarm Details” underneath a particular Site to display the list of active alarms.
- You can archive an alarm directly from the list of active alarms (see “Removing Alarms” below).
- Click “Alarm Details” again to hide the list of active alarms.

Tip:

Ubiquity™ shows the current number of active alarms for each Site on both the My Sites page and the Site Home page.

Tip:

If you login and stay on the My Sites page, any newly generated alarms will appear as a pop-up window. This applies to all the Sites for which you have access.

From the Site Home page -

- Within each Subsystem you will see the total number of active alarms. Click the “More” button for a complete list of all the alarms in that Sub-system. Directly from this list, you can archive an alarm (see “Removing Alarms” below). This viewing method is also used for System Alarms.
- Clicking on the “Controller Detail” button within any Sub-system displays a list of Controllers within that Sub-system. *Ubiquity*[™] automatically places all Controllers with alarms at the top of the list. Click the Controller name to expand the table to show the current active alarms for that controller. Directly from this list, you can archive an alarm (see “Removing Alarms” below). This viewing method is also used for System Alarms.
- For further clarification of any Alarm, click in the “Custom Suggestion” area and type your message. Your message can be modified later or deleted by highlighting the text and typing the new text or hitting the DELETE key.

Tip:

If you login and stay on the Site Home page, it will refresh intermittently, showing you alarms as they come in.

Acknowledge Alarm

- From any of the alarm lists, click the “Acknowledge Alarm” button for the desired alarm. By doing this, you will stop the alarm from repeatedly notifying you (via email) and you will gain access to the “Archive” check box for that particular alarm.

Removing Alarms - There are two ways to remove (archive) alarms:**Archive Checked**

- From any of the alarm lists, check the checkboxes next to the individual alarms you wish to archive and click the “Archive Checked” button.

Archive All

- When available, you can click the “Archive All” button to archive all of the alarms shown for that Site, Sub-system or Controller.

Alarm History - From more information, see Section 10 Reports: Alarm Summaries.

Note:

The My Sites page shows a maximum of 50 alarms per site at a given time. Clicking the “Archive All” button removes the 50 alarms being displayed. If you have more than 50 alarms, you will need to click the “Archive All” button more than once.

