

Command Monitor

QUICK START GUIDE



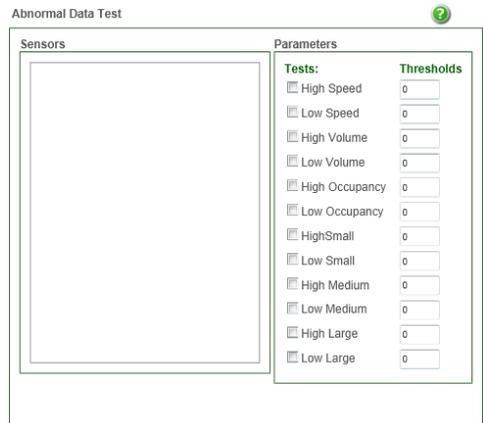
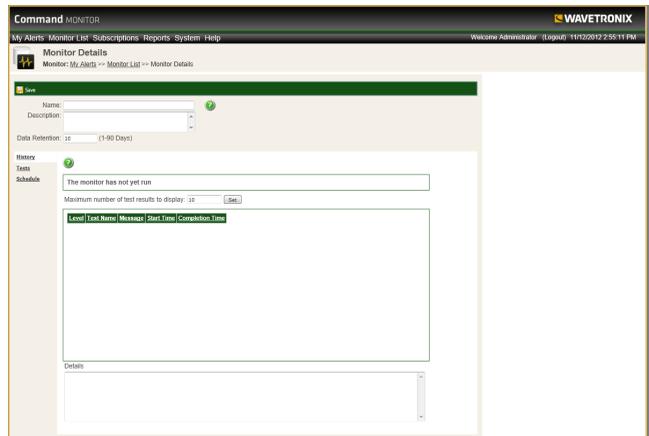
1 Install and open Monitor

- 1 Install the Monitor software then access the login page by opening a Web browser and navigating to “http://<hostname or IP Address of Monitor>/Monitor/”
- 2 Once on the login page, enter your username and password (default “administrator” and “password”) then click **Login**.

2 Create a monitor

A monitor is a collection of one or more tests that are assigned to execute on a timed basis. To create a monitor, follow the steps below:

- 1 Click on **Monitor List** in the menu bar, opening a new page. This page provides a list of all monitors as well as general information about each monitor.
- 2 Click the **Add Monitor** button to create a new monitor. In the text boxes at the top of the new page, enter a name and description for the monitor. On the left side of the page, there are three links: **History**, **Tests** and **Schedule**.
- 3 Click on the **Tests** link. Select the test type for the monitor from the Add Test box and click **Add**. The test will be added to the Tests to Execute box.
- 4 Click on the name of the test to configure the parameters. In the Parameters box, set the desired values for all test parameters and then click **Accept**.
- 5 Use the **Schedule** link to determine the frequency of the test. The Add Event box contains two tabs: the **Basic** tab for simple schedules and the **Advanced** tab for more complex schedules.
- 6 Click **Save** to make changes.



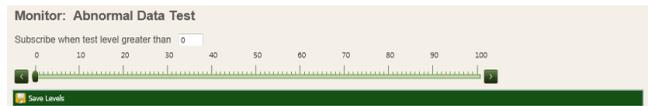
3 Subscribe to a monitor

In order to receive alert information about a monitor, you must subscribe to that monitor. This is done on the Subscriptions page.

- 1 Click on **Subscriptions** in the menu bar, opening a new page that provides a list of all monitors and reports.
- 2 Select the correct username from the **Subscriptions for** drop-down list.
- 3 Put a check under the **Subscribe** column next to each monitor for which you would like to receive alerts. If you would like to receive an email when there is an alert, put a check under the **Send Email** column next to the appropriate monitor.
- 4 In the **Monitors** list, click on the name of each subscribed test to set the level of severity for which you would like to receive alerts. For example, if the level is set at 37, you will be alerted only when a result is greater than 37.

Subscriptions for Administrator, Administrator

Subscribe	Send Email	Name	Description
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	Abnormal Data Test	
<input type="checkbox"/>	<input type="checkbox"/> Alert <input type="checkbox"/> Complete	bogus	test
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-65 NB Congestion	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-65 NB Incident	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-65 SB Congestion	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-65 SB Incident	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-85 EB Congestion	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-85 EB Incident	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-85 WB Congestion	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	I-85 WB Incident	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	Missing Data	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	TTOldData	Ensure the Travel Time file has been created.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alert <input checked="" type="checkbox"/> Complete	TTValidOutput	Travel Time test XML for valid output



4 Start the Monitor widget

The Monitor widget is used to receive real-time alerts on your desktop about monitors that you are subscribed to.

- 1 Navigate to **System > Widget** and click **Download Desktop Widget**.
- 2 Open the widget after it has been installed, and the Login window will appear.
- 3 Configure a new server by clicking on the **...** button. Once the Configure window pops up, click the **Search** button to find all Monitors on the network. Click **OK**, closing the window and adding the servers to the **Server** drop-down list.
- 4 Select a server from the **Server** drop-down list, enter a valid username and password (default “administrator” and “password”), and click **OK**.

5 View alerts

After logging in, the main widget page will open. The widget can be customized by accessing the Preferences section, which provides options for filtering alerts and selecting alert methods. You can choose to have a pop-up and/or a sound notify you for each alert.

The widget shows a list of alerts and their descriptions for all tests in monitors that you subscribed to.

The Alerts Received list includes the following values for each alert:

- **Time** – When alert was first generated
- **Level** – Monitor's level of severity
- **Test Description** – Brief description of test
- **Text** – Alert description
- **Status** – Either In Progress or Completed

The screenshot shows the Command MONITOR interface. On the left is a 'My Alerts' sidebar with a tree view containing categories like 'Missing Data', 'L:85 WB Incident', 'L:85 WB Congest', 'L:85 EB Incident', 'L:85 EB Congest', 'L:85 SB Incident', 'L:85 SB Congest', 'L:85 NB Incident', 'Abnormal Data T', 'L:85 NB Congest', and 'Something'. Below these is a search box with 'sdfida' entered. The main area is titled 'Preferences For Missing Data' and contains a table 'Alerts Received For Missing Data' with columns: Time, Level, Text Description, Text, and Status. One row is visible: 8/31/2012 2:03:10 PM, 101, Looks for missing data by percentage or contiguous blocks, System Error, Completed.

Clicking on any of these values will display more information about that alert in a second list. This new list shows all of the times that the selected test failed while the status for the monitor was In Progress.

Alerts can also be viewed on the Web interface by clicking on My Alerts in the menu bar. A list of all alerts will be displayed in the Alerts box.

Like the Alerts Received list, the Alerts list on the Web interface includes several values for each alert:

- **Level** – Monitor's level of severity
- **Message** – Alert description
- **Start Time** – When alert was first generated
- **Status** – Either In Progress or Completed

The screenshot shows the Command MONITOR Web interface. The top navigation bar includes 'My Alerts', 'Monitor List', 'Subscriptions', 'Reports', and 'System Help'. Below this is a 'My Alerts' section with a search box and a table of alerts. The table has columns: Level, Monitor Name, Message, Start Time, and Status. The data rows are:

Level	Monitor Name	Message	Start Time	Status
100	TTCOutfile	File Date out of range	11/13/2012 7:10:01 AM	In Progress
16	Abnormal Data Test	Abnormal Data Detected	10/8/2012 12:20:00 PM	Completed
44	L:85 NB Congestion	Congestion Detected	10/8/2012 7:00:02 AM	Completed
39	L:85 NB Congestion	Congestion Detected	10/7/2012 4:00:04 PM	Completed
12	L:85 NB Congestion	Congestion Detected	10/7/2012 3:45:01 PM	Completed
15	L:85 NB Congestion	Congestion Detected	10/7/2012 3:35:01 PM	Completed

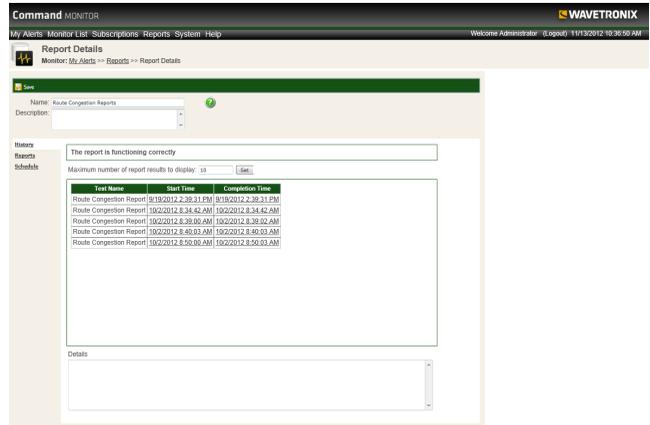
Below the table is a section titled 'Test Failures in Alert' with a large empty box for details.

Clicking on any item in the list will display details of the alert in the box at the bottom of the page.

6 View alert reports

DataView provides the option of running alert reports. Reports are used to compile a collection of alerts for a monitor for a designated period of time. To set up and view reports, click on **Reports** in the menu bar. Follow the steps below to create a new report:

- 1 Click the **Add Report** button, opening the Report Details page. Enter a name and description for the report.
- 2 Click on the **Reports** link, then select the monitor and name for the report and click **Add**. If the report has any user-configurable settings, those settings will be displayed on the right side of the page.
- 3 The new report will be added to the Reports to Execute box. Select the time span for the report using the drop-down lists.
- 4 Use the **Schedule** link to determine the frequency of the report. The Add Event box contains two tabs: the **Basic** tab for simple schedules and the **Advanced** tab for more complex schedules.
- 5 Click **Save** when finished to save the report definition.



The report is now ready to run. Return to the main Reports page and put a check in the On/Off column for report(s) you would like to run. The reports will run according to the schedule that was set in Step 4 above.

Add Report

On/Off	Status	Name	Description		
<input type="checkbox"/>		<u>Abnormal Data report</u>		Run Now	Remove
<input type="checkbox"/>		<u>Route Congestion Reports</u>		Run Now	Remove
<input type="checkbox"/>		<u>Test report</u>	It's a test	Run Now	Remove

If you would like to run a report immediately, click **Run Now**. To view the report, click on the report name.