

American Power Conversion
BotzWare 3.0
www.apc.com
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1.0 BotzWare Version 3.0 Features:

1. Premium Software Modules (PSM): PSM have been removed. New licenses include Advanced Software and Device Monitoring modules. The SNMP Crawlers functionality has been replaced with SNMP Scanners, which are now included in the Device Monitoring module. The extended storage feature no longer requires a license.
2. Support for new sensors and sensor pods: Updated sensor pods have been developed using the A-Link interface. The A-Link port, available on NetBotz Rack Monitor 550, NetBotz Rack Monitor 450, and NetBotz Room Monitor 455, supports the following devices:
 - Temperature Sensor (AP9520T), Temperature/Humidity Sensor (AP9520TH)
 - NetBotz Rack Sensor Pod 150 (NBPD0150), NetBotz Room Sensor Pod 155 (NBPD0155)The older USB-style Sensor Pods are still compatible with the NetBotz Rack Monitor 550, NetBotz Rack Monitor 450, and NetBotz Room Monitor 455.
3. Support for Beacon and Rope Leak: Dedicated Beacon and Rope Leak ports have been added for the NetBotz Rack Monitor 550, NetBotz Rack Monitor 450, and NetBotz Room Monitor 455.
4. APC Rack Access PX: Pod sharing support for the APC Rack Access PX is only available on the NetBotz Rack Monitor 550, NetBotz Rack Monitor 450, and NetBotz Room Monitor 455.
5. Pod Sharing: Pod Sharing is fully supported for the RM550 only. The NetBotz Rack Monitor 450 and NetBotz Room Monitor 455 will only allow pod-sharing for the APC Rack Access PX.
6. InfraStruXure Manager: Support for InfraStruXure Manager has been removed.
7. Lost Password Recovery: An additional lost password recovery process has been added.
8. Number of Sensor Pods/Camera Pods Limitation: The following appliance models support a limited number of external sensor and camera pods:
 - NetBotz Rack Monitor 550: Up to 12 sensor pods and up to 4 camera pods
 - NetBotz Rack Monitor 450: Up to 2 sensor pods and up to 2 camera pods
 - NetBotz Room Monitor 455: Up to 2 sensor pods and 1 camera pod
 - NetBotz Room Monitor 355: No additional external sensor or camera pods are supported

9. Integrated Camera Microphone: The integrated camera microphone has been removed for all new camera pods.
10. Discontinued support of PCMCIA peripherals: The PCMCIA slot is no longer available.
11. Discontinued support of some serial devices: Support for the following serial (USB) devices have been discontinued:
 - ANYCOM GS-320 GPRS
 - Enfora GSM0110
 - Nera Satellite Modem
 - NetBotz Power Control Pod 110, 115, 230, 235
 - NetBotz Wireless Receiver
 - Option GlobeTrotter, GlobeTrotter 3G
 - Pretec Compact GPRS
 - Sierra Wireless AirCard 750, 775, 850/860
 - Xircom CreditCard Modem 56-Global ACCESS
12. Windows Vista support: Advanced View 3.0 now supports Windows Vista Business and Vista Enterprise

2.0 BotzWare Version 2.6.2 Features:

Updated Daylight Savings Time support: This update addresses Daylight Savings Time scheduling in Canada/Newfoundland, Western Australia and Mexico.

NOTE: Be sure to apply any Daylight Savings Time patches that are available for the operating system of the NetBotz Advanced View console as well.

3.0 Known Issues in BotzWare 3.0:

1. Configure a Supported Output Control Device

To configure a supported output control device, double-click the Output Control icon to start the Output Control task.

- Configure output control label settings

Select a device from the Output Control Configuration window and click Settings.

1. Type a label for this device in the Label field.
2. Select options for Unplugged alert severity and Unplugged alert profile, and click OK.

- Configure output control external port settings

Select a device from the Output Control Configuration window and click External Ports. To modify devices connected to your output control devices:

1. Select the output control action to assign to the corresponding port from Relay Output Type.

When the output control device is wired between the NO (Normally Open) and COM terminals on the appliance, the following output types and states are available:

- . None: No output action is associated with this port.
- . One-Second Button (NC): When activated, a normally closed (NC) relay is switched to an open state for 1 second, and then switched back to closed.
- . One-Second Button (NO): When activated, a normally open (NO) relay is switched to a closed state for 1 second, and then switched back to open.
- . Switch (NC): When activated, a normally closed (NC) relay is switched to an open state.
- . Switch (NO): When activated, a normally open (NO) relay is switched to a closed state.
- . Ten-Second Button (NC): When activated, a normally closed (NC) relay is switched to an open state for 10 seconds, and then switched back to closed.
- . Ten-Second Button (NO): When activated, a normally open (NO) relay is switched to a closed state for 10 seconds, and then switched back to open.
- . Reboot Button: When activated, power to the outlet is interrupted for 10 seconds, and then restored.

When the output control device is wired between the NC (Normally Closed) and COM terminals on the appliance, the following output types and states are available:

- . None: No output action is associated with this port.
- . One-Second Button (NC): When activated, a normally closed (NC) relay is switched to a closed state for 1 second, and then switched back to open.
- . One-Second Button (NO): When activated, a normally open (NO) relay is switched to an open state for 1 second, and then switched back to closed.
- . Switch (NC): When activated, a normally closed (NC) relay is switched to a closed state.
- . Switch (NO): When activated, a normally open (NO) relay is switched to an open state.
- . Ten-Second Button (NC): When activated, a normally closed (NC) relay is switched to a closed state for 10 seconds, and then switched back to open.
- . Ten-Second Button (NO): When activated, a normally open (NO) relay is switched to an open state for 10 seconds, and then switched back to closed.
- . Reboot Button: When activated, power to the outlet is interrupted for 10 seconds, and then restored.

NOTE: Wiring the output control device between the NO and NC terminals will result in an always-open state.

2. In the Port Label field, type a label to identify the device connected to the output control device port.

3. Click OK.

- Define custom output action types.
You can add custom output action types by clicking Add Custom...
Once created, custom output action types are available from the Relay Output Type list.

2. Non-Metric Sensor Readings Can Cause Inconsistent Alert Triggering Behavior Due to Rounding

All sensor readings are processed and stored using metric units. If you configure your device to report sensor readings in imperial units, some readings are converted from metric units. Rounding occurs during the conversion process and can cause inconsistent alert triggering behavior.

For example: You configure your device to use imperial units, and you configure a temperature sensor to cause an alert if a minimum threshold is exceeded. The alert can be triggered if the reported value is equal to or exceeds the specified minimum value. Although a reported value that causes an alarm is equal to the specified value, the actual reported value could be slightly higher than the minimum threshold value until the measurement is converted to imperial units and rounded.

Note: This issue occurs only with sensor types that report units that are converted. Metric values, which are not converted, only trigger alert conditions when the reading violates the threshold value you specify.

3. Using Short-Duration Pulse Sensors with the Sealevel Seal/O 462/463

The Sealevel Seal/O 462/463 uses a serial port interface (with an internal USB-to-serial converter). BotzWare cannot poll the input status often enough to detect input pulses less than 50 ms. To detect short duration pulses, use dry contact sensors connected to the sensor ports of a Sensor Pod 120.

4. Two-Way Audio: Camera Settings for Optimal Performance

When using two-way audio, there is a small but noticeable amount of lag between the time when audio is captured by the microphone on the Advanced View side and the time when it is played out of the speakers on the Camera Pod. Higher camera resolutions and frame rates can cause a noticeable increase in the amount of lag. To achieve the lowest possible audio lag, set your camera resolution to 640x480, 20 frames per second.

5. Two-Way Audio: Performance on Slower Networks

The two-way audio functionality is bandwidth dependent. Using two-way audio functionality over slower networks can cause serious audio quality degradation and lag.

6. External Storage: Changing a Previously Configured NFS Mount or Windows Share

If you configured an NFS Mount or Windows Share for use as External Storage and want to change the mount point or share (to another mount or share with more available storage space, for example), use the

“Stop Using” configuration option on the current mount. This causes the appliance to restart. After the appliance restarts, add the new mount or share information. If you do not follow this process, the new share or mount may not be connected correctly.

7. Non-Administrator Accounts Launching Advanced View on Systems Where Advanced View was Installed Using Administrator Privileges

If a user with Administrative privileges installs the Advanced View on a system and logs out, a user with non-Administrative privileges who then logs in will not see the icon and Start menu entries for the Advanced View on their desktop. The user with non-Administrator privileges must create a shortcut from the file named `Advanced.exe`, located in the Advanced View install directory, and place it on their Windows desktop. The default directory is either
C:\Documents and Settings\or
C:\Program Files\Advanced View 3.0.0, depending on what previous versions of the Advanced View were installed on the system. Double-click the shortcut to launch the Advanced View. All log and other preference information is placed in the home directory of the user on the system.

8. Time Taken to Initialize a NAS Using the External Storage Devices Task Depends on the Amount of Data Stored on a NAS

The amount of time it takes for the External Storage Devices task to initialize a NAS depends on the amount of data stored on that NAS. It takes approximately five minutes to erase one gigabyte of data.

9. Configuring Custom Analog Sensors with Small Sensor Increment Values

A custom analog sensor that uses small sensor value increments may become less accurate due to small fluctuations in the analog readings that are typical for these types of sensors. These fluctuations can cause the following side effects:

- The smaller the sensor increment value, the greater the sensor readings fluctuate. This creates more data points that are stored on the appliance, which consumes more storage space. If you have a custom analog sensor with a small sensor increment value that fluctuates often AND you must capture this data, use an Extended Storage System with the appliance to avoid any performance issues that might occur due to the amount of storage used for the data.
- If your custom sensor fluctuates frequently during normal use, be sure to take those fluctuations into account when configuring thresholds for the sensor. Failure to do so can result in the sensor moving in and out of an alert state, triggering many alert notifications, and overloading the appliance. When creating alert thresholds for custom analog sensors with small sensor increment values, use the Above Value for Time and Below Value for Time threshold types to prevent the sensor readings from frequently triggering alerts.

10. Error During Installation: “The uninstallation could not complete

due to an error.”

If you receive this error when upgrading to Advanced View 3.0 from a previous version, click OK in the error message box. The installation proceeds normally and appears to complete successfully, but some portions of the previous version of the Advanced View are not successfully deleted.

To complete the uninstallation of the previous version of the Advanced View:

1. Delete any desktop icons from the previous version of the Advanced View.
2. Delete any Start menu entries for the previous versions of the Advanced View.

11. Manual Advanced View Uninstall Can Fail

The manual Advanced View uninstallation can fail when using the Add/Remove Programs task in the Control Panel to perform the uninstallation. The uninstallation of the Advanced View appears to be successful, but the following items are not removed:

- Desktop icons
- Start menu entries
- Registry settings
- Installed files, typically in the home directory of the user under the .netbotz\av directory

To complete the uninstallation:

1. Manually delete the desktop icons and Start menu entries for the previous versions of the Advanced View.
2. Delete the files in the \av directory.
3. Use regedit to open the registry editor. Select Start>Run, type regedit in the Open field, and click OK.
4. Navigate to MyComputer->HKEY_LOCAL_MACHINE->SOFTWARE->NetBotz and delete the AV_VERSION and AV_VERSIONS folders.

USE EXTREME CAUTION WHEN EDITING YOUR REGISTRY.

12. Reclaiming External Storage Data After Replacing a NetBotz Appliance

If you configured your appliance to use the External Storage task to store data on a NAS, the data is stored in a top-level directory on the target NAS. The appliance data is stored in a directory that is named using the MAC address of the appliance.

For example, if your External Storage target NAS is \\Server1\storage, you specify a subdirectory of Headquarters, and the appliance MAC address is 00:02:D3:02:9F:50, the data is stored at \\Server1\storage\Headquarters\00:02:D3:02:9F:50.

If you need to replace an appliance, copy all the data that is stored in the old directory into the new directory.

For example, if the MAC address of the new appliance is 00:02:D3:02:9F:51, you would copy the data stored in \\Server1\storage\Headquarters\00:02:D3:02:9F:50 to \\Server1\storage\Headquarters\00:02:D3:02:9F:51.

Once the data is moved to the new directory, use the External Storage task to configure the same drive settings as you had configured on the previous appliance and select Use/Claim selection. Do NOT initialize the target share. Doing this should provide access to all data that was gathered by the previous appliance.

13. Default Image Quality Setting

When you use Pod Sharing to connect remote camera pods to a Rack Monitor 550, the Image Quality setting of the camera pod is the setting configured for the appliance to which the camera pod is already connected. To change the Image Quality setting, use the Advanced View to connect directly with the appliance to which the camera pod is connected and use the Camera Pod settings task to change the Image Quality settings.

14. 12/24 Hour Clock and Clock Settings in the Timestamp of Shared Camera Pods

The camera Region and 12/24 hour clock settings are a function of the camera pod and are determined by the appliance to which the pod is physically connected. If you use Pod Sharing to link to a camera pod that is connected to an appliance that has different time zone or region settings than your appliance, the camera timestamp displays the time based on the appliance to which it is physically connected.

15. External Storage with NAS and Unstable Network Connections: Appliance Restart Behavior

Appliances that use NAS and that are connected to unstable or unreliable networks may be prone to restarting more often than appliances that do not use NAS. External Storage with NAS is dependent on network connectivity. An appliance using NAS for External Storage automatically restarts when the network connection is lost. After restarting, the appliance tries to re-establish network connectivity. If it cannot re-establish network connectivity, it uses the storage that is integrated with the appliance and generates an alert indicating an External Storage connectivity error. The appliance continues to try to re-establish the NAS connection at five-minute intervals. Once the NAS connection is available, the appliance automatically restarts again and re-initializes the NAS drive once the appliance finishes restarting.

16. External Storage with NAS and Unstable Network Connections: Data and Alerts Stored When NAS is Unavailable

If NAS is unavailable, data is stored in the data storage integrated with the appliance. When NAS becomes available, the appliance automatically transfers to the NAS all data stored during the period in which the NAS was unavailable. If the data generated by the appliance during this period exceeds the amount of storage available on the appliance, only the data stored on the appliance at the time the NAS becomes available is saved to the NAS.

17. External Storage with NAS Over a Wireless Network Connection

Appliances connected to the network using a wireless network adapter can use External Storage with an NAS successfully.

If the appliance begins generating large amounts of data, it is possible to overwhelm the network connection and overload the appliance.

18. External Storage with NFS NAS: Changing the UID Value

When specifying a UID, choose one that will not likely need to be changed. If you configure External Storage to use an NFS mount and specify a UID, and later attempt to change the UID, depending on the permissions of the files written with the first UID configured, the appliance may not be able to access the files written using the first UID.

19. External Storage with NFS NAS: DNS Problems Can Cause Long Timeouts

If your appliance is configured to use an NFS mount and has trouble contacting the DNS server, the timeouts between mount attempts can be five minutes or more per retry. The appliance attempts to mount the NFS mount twice before automatically restarting, causing the appliance restart to take 10 - 15 minutes or more.

20. M-JPEG AVIs and Signed M-JPEG AVIs Included in E-Mails Do Not Display in Netscape Messenger

M-JPEG AVIs and signed M-JPEG AVIs sent in e-mails using the Send E-mail alert action will not display in Netscape Messenger. Netscape Messenger users should export images as JPEGs.

21. Output Control State Changes Initiated on a Blackberry PDA Does Not Prompt for User Confirmation

Output control devices can be configured to prompt the user for confirmation when manually changing the state of an output control device by checking the Prompt user before manually changing sensor state check box in the Output Control - Sensors task. Manual state changes of output control devices initiated using the Basic View on a Blackberry occur without user confirmation. The Basic View uses JavaScript to open a pane that asks the user to confirm state change. The browsers supported for use with Blackberry PDAs do not support JavaScript.

22. Improperly Configured DNS Settings Can Cause Appliance Timeouts

If your appliance is configured with an incorrect DNS server address, the timeouts the appliance encounters when trying to access the server can cause the appliance to become unresponsive.

To correct this problem:

1. Use a USB cable to connect a computer to the console port on your appliance.

2. Use a serial communications program such as HyperTerminal to connect to the appliance.
3. Restart the appliance.
4. Login using your Root Account user ID and password.
5. Reconfigure the DNS settings by following the prompts.

23. PPP Alert Dial-out Settings/Dial-out Response to Alerts/Reports: Clarification

You can configure your appliance with a PPP connection, and specify a dial-out response to Alert/Reports that causes a PPP connection to be established. The connection is only established if there is an alert action associated with the threshold which requires a network connection such as Send E-mail or Send HTTP Post, for example. If no alert actions are associated with the threshold, or if only alert actions that do not require a network connection are associated with the alert (for example, Play Audio or Activate Button Output), then a PPP connection is not established.

24. A Long Initial Device Scanner Scan Can Cause the Appliance to Become Sluggish Until Complete

You can purchase a license that enables you to use the Device Scanners task to scan up to five devices. The initial scan of each device discovers all variables on the device and writes them to persistent storage on your appliance. This initial scan can take significantly longer than any subsequent scan of a device. The more MIB2 network interfaces and advanced device data obtained from DDFs that each device has, the longer the initial scan takes. If you add many SNMP targets simultaneously, the initial scan of each new device can cause the appliance to become sluggish or temporarily unresponsive. Once the initial scan of these targets is complete, the sluggish performance should cease.

25. Advanced View Preferences Are Saved Only on Clean Exit

If you change any Advanced View preferences, or if you Add or Remove appliances from the Advanced View, the new settings are not saved unless you exit the application by selecting Exit from the File drop-down menu, or by clicking the X in the corner of the window.

If the application closes due to an unexpected error, or if it is closed automatically as part of an Advanced View upgrade, changes are not saved.

26. Problems Using the Upgrade Task to Install Advanced View Upgrades

In rare cases, Advanced View upgrades that are downloaded to your system using the Upgrade task on the Advanced View may fail to launch after download. If this occurs, use the NetBotz Web-based Advanced View upgrade applet to upgrade your Advanced View. Go to <http://www.netbotz.com/support/> and click the Install link beside the appliance entry in the NetBotz Advanced View and NetBotz Central Console Installation section. Click the Start Installer for Windows button or Start Installer for Linux button at the top of the window to begin the

upgrade process.

27. Using Netscape Communicator 4.7.9 and Basic View to Change the State of an Output Device Can Cause the Sensor Readings of the Device to Become Stuck

When using Netscape Communicator 4.7.9 and the Basic View to change the states of output relay controls, after the state has been changed, the state of the sensor may not refresh properly. Always re-select the pod or refresh the current page when you are using Communicator 4.7.9 and the Basic View to change output control states.

28. Running Basic View in Netscape Navigator 7 Consumes System Resources

A performance problem with Netscape Navigator 7 causes memory usage to grow by 150K to 180K over time. This problem does not occur with any other supported browsers.

29. Unplugged External Temperature Sensors and Amp Detectors Report Low Value Threshold Alerts

If you configured your appliance to use a TS100 External Temperature Sensor or Amp Detector and have the threshold enabled, unplugging the sensor causes the appliance to report the following alerts until the sensor is plugged back in:

- Low temperature alert
- Sensor unplugged alert

30. Unplugging and Reconnecting a USB Hub with Multiple Output Relay Pod 120s Too Quickly Can Cause the Appliance to Restart

If you have a USB hub connected to your appliance that has four Output Relay Pod 120s connected to the hub, and you disconnect the hub from your appliance, wait at least 30-40 seconds before reconnecting the hub to the appliance. Reconnecting a hub with this many Output Relay Pod 120s to your appliance can cause an initialization error, causing the appliance to lock up and then restart automatically. The appliance functions normally and properly initializes once it completes the restart process.

31. Disconnecting an Extended Storage System While the Appliance is Running Can Cause the Appliance to Hang or to Restart

If you disconnect an Extended Storage Device from your appliance without first using the External Storage task to Remove the storage unit, your appliance may become unresponsive or may restart. Use the following procedure to restore your appliance to a fully operational state:

1. If, after the Extended Storage System is disconnected, your appliance does not restart automatically, remove power from the appliance and reapply power to the appliance to force the appliance to restart.
2. To continue to use the Extended Storage System on this appliance, remove power from the appliance, reconnect the Extended Storage System, and add power to the appliance. The integrity of the reconnected Extended Storage System is checked automatically.

Depending on the amount of data stored on the Extended Storage System, this action can take from 10 to 60 minutes. During this period, the appliance is offline and is not monitoring the environment or generating alert notifications.

If you suspect that your appliance has been affected by the unplugging of an Extended Storage System while running, use HyperTerminal to check the serial port output of the appliance. The messages generated by the appliance indicate the current stage of recovery of the appliance.

32. Advanced Scheduling of Periodic Reports: Interval Value Resets at the End of Disabled Periods

You can define an Advanced Schedule for a periodic report, specifying periods of time during which periodic reports are not sent, overriding your Report Interval settings. The Interval value you specified resets to the time at which the Disabled period in the Advanced Schedule ends. Depending on your Advanced Schedule and Periodic Report Interval settings, this can cause periodic reports to be delivered at unexpected times.

For example, you configured your appliance to deliver a Periodic E-mail Report once every 6 hours, an Interval of 360 minutes. You configured this report at 12:00 PM, so you receive a report at 6:00 PM, 12:00 AM, 6:00AM, etc. Later, you configure an Advanced Schedule that disables delivery of this Periodic Report between the hours of 9:00 AM and 5:00 PM. The Interval timer now begins counting out the 360 minute interval at 5:00 PM, the time at which the Periodic Report becomes Enabled again. Your next report would be received at 11:00 PM, and then another at 5:00 AM.

33. Streaming Audio from a Busy Appliance May Result in Audio Gaps or a Pop-Up Error

If you are streaming audio from an appliance that is busy, the audio stream playback might stop and start momentarily. In some cases, you might receive a pop-up error saying that communication with the Camera Pod was interrupted, even though the Camera Pod is responding. If you receive the pop-up notification, click OK to continue.

An appliance can become busy when it generates multiple alert notifications that include a lot of images and audio, or it is accessed by multiple Advanced View clients who are streaming audio or viewing images at a high frame rate. The audio stream should become constant once the appliance is less busy.

34. PPP/Modem Connections and NetBotz Surveillance

Use of NetBotz Surveillance with InfraStruXure Central on appliances connected to the network using PPP is not supported.

35. Problems Obtaining or Maintaining PPP Connections

If you have trouble obtaining or maintaining PPP connectivity for more

than about two minutes, you may need to disable lcp echo requests. To determine if this is necessary, look at the syslog. If your syslog includes entries similar to either of the following messages, you should disable lcp echo requests:

- local2.warn pppd: appear to have received our own echo-reply!
- local2.info pppd: No response to 4 echo-requests

36. Enabling the Speaker on a Multi-Tech MultiModemUSB

The Multi-Tech MultiModemUSB, supported for use with an appliance, includes a speaker. There is no support for configuring the speaker volume. By default, the modem uses the speaker on setting until carrier and volume = quiet. Use the Extra Initialization Commands support to control the operation of the speaker:

- To disable the speaker, add ATM0 to the initialization commands
- For low speaker volume, add ATL1 to the initialization commands
- For medium speaker volume, add ATL2 to the initialization commands
- For high speaker volume, add ATL3 to the initialization commands

37. Adding an Extension Cable or Hub to a Previously Recognized USB-to-Serial-Port Adapter

If you add an extension cable or hub between the appliance and a USB-to-Serial-Port adapter or hub after the USB-to-Serial-Port adapter or hub has been connected to your appliance, all of the serial ports on the converter are recognized as new ports by the appliance. If you previously configured serial devices on these ports, use the Serial Devices task to reconfigure these devices.

38. Placing RS232-Based Serial Devices or USB Modems on the Same USB Port as a Camera Pod 120, Camera Pod 160. or CCTV Pod 120

RS232-based Serial Devices connected to a USB-to-Serial Port adapter and USB modems should not share the same USB port or hub as a Camera Pod 120, Camera Pod 160, or a CCTV Pod 120. Doing so may cause configured USB-based Serial devices to disappear and then reappear, or your appliance may unexpectedly restart.

39. SMS Interrupt During Dial-Out Immediately PPP Session Fails

If your appliance has a PPP connection established as a result of clicking Dial-Out Immediately and an alert condition occurs which requires that an SMS alert be sent, the SMS send fails, even if you checked Interrupt PPP when an SMS alert occurs. If the PPP connection was established by any means other than clicking Dial-Out Immediately, the connection is interrupted and the SMS send proceeds normally.

40. Alert Actions Associated with Specific Pods Must Be Manually Removed if Pod is Removed

If you create alert actions that are specific to a pod and you unplug and delete that pod from your appliance, you must manually remove any alert

actions that you created that were associated with that pod.

41. Disconnecting and Reconnecting a Configured RS232-Based Sensor or Output Control Device Can Cause Device Settings to be Lost

Settings associated with RS232-based sensors or output control devices may not be preserved if the device is disconnected and then reconnected. Once you have connected and configured settings for an RS232-based sensor or device, do not disconnect or relocate this device unless you are prepared to reconfigure the device.

42. Output Control: False Alarms After Restart or Disconnecting and then Reconnecting a Pod

Depending on your output control configuration, it is possible to generate false alert conditions after restarting your appliance or disconnecting and reconnecting a Power Control Pod or Output Relay Pod 120. If the Switch Initial State of a device connected to a port is the opposite of the default state in which the device automatically starts, the appliance automatically sets the device to the specified Switch Initial State. There is a brief period where the device is not in the expected state. If you have specified thresholds that generate alerts when the state that is not the expected Switch Initial State is detected, alerts may be generated before the appliance has changed the state of the device to the Switch Initial State.

43. Post to InfraStruXure Central Mode: Only Alerts Associated with Default Alert Profile are Posted

If your appliance is set to InfraStruXure Central Post-Only Mode (Tools > Advanced > InfraStruXure Central Post-only Mode), alert notifications that occur as a result of alert actions associated with the Default Alert Profile are posted automatically. Alert notifications associated with any other alert profiles are not posted to InfraStruXure Central. If you use Post-Only mode, use only the Default Alert Profile. If this is not an option, configure the Data Collection and Monitoring settings for post-only appliances for your InfraStruXure Central appliance to shorter intervals so that alert conditions are more likely to be detected.

44. Using the Simplified Basic View and SSL with an iPAQ PDA

When using an iPAQ PDA to access the URL or IP address of an appliance running BotzWare 2.2.2 or later AND using SSL, the browser fails to redirect the browser to the main Simplified Basic View Web page.

For example, if you point your iPAQ browser at <https://192.168.0.100>, you will receive an error message from the browser that says the page cannot be opened because it does not handle the re-direction to the following URL:
<https://192.168.0.100/pages/pda.index.html>.

To work around this browser limitation, point your browser at the main

Simplified Basic View page on the appliance:

<https://ipaddress/pages/pda.index.html>

Once you have accessed the appliance using this address, bookmark this page. This problem occurs only when your appliance is configured to use SSL for communications. Unencrypted connections will redirect from the main IP address or hostname to the Simplified Basic View Web page normally.