Instruction Sheet

PowerAlert®
Mass Configuration Utility

Introduction

The PowerAlert Mass Configuration Utility enables the configuration of one networked Tripp Lite device to be copied and transferred onto multiple other such devices. It can be used with LX Platform devices that run version 15.0.0 (or later) firmware, as well as SNMPWEBCARD-based devices that run version 12.06.0060 (or later) firmware.

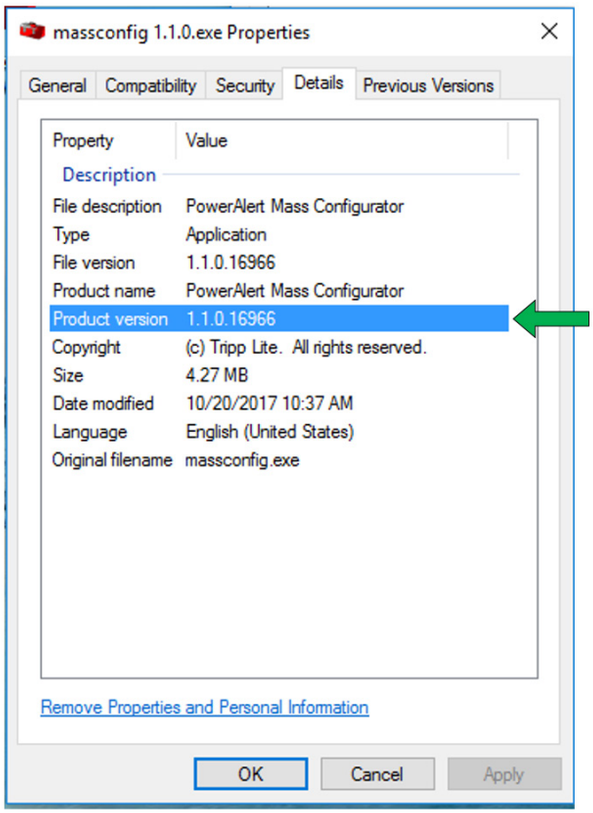
Notes:

SNMPWEBCARD-based devices running 12.04.0055 cannot be configured using this tool.

Mass configuration across platforms is not supported. For example, an LX Platform device configuration cannot be applied to SNMPWEBCARD-based devices, and vice-versa.

WARNING: Make sure to use Mass Configuration Utility v1.1.0 or higher when configuring LX Platform devices. Using an earlier version (1.0.0.x) will cause your LX Platform device to become inaccessible.

To confirm version, right-click on the executable file icon and select Properties. The version is listed in the Details tab.



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System Requirements

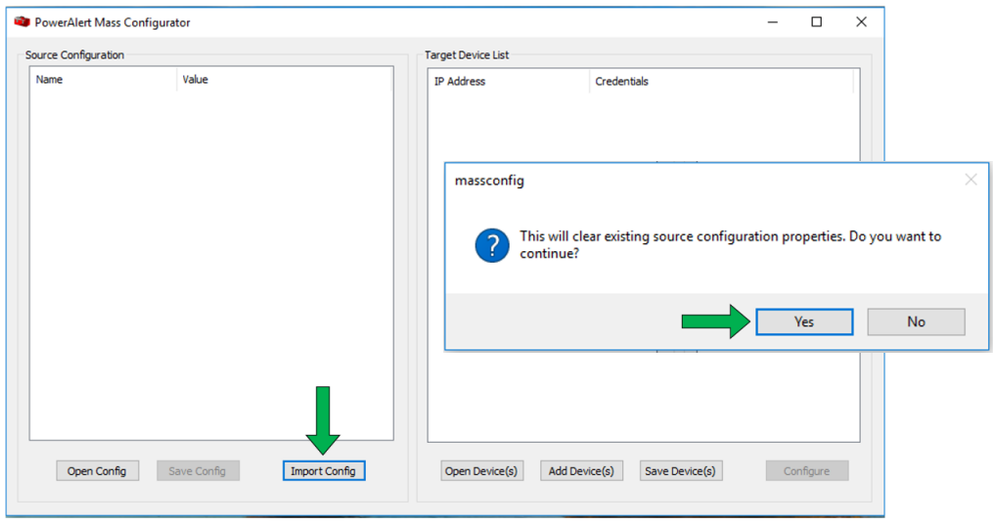
PC running Microsoft Windows (7, 8, 10, Server 2008, 2012, 2016)

TCP/IP network connection—make sure that TCP Port 3664 is open in your firewall.

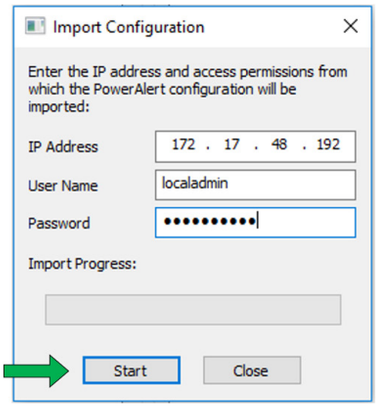
Usage Instructions

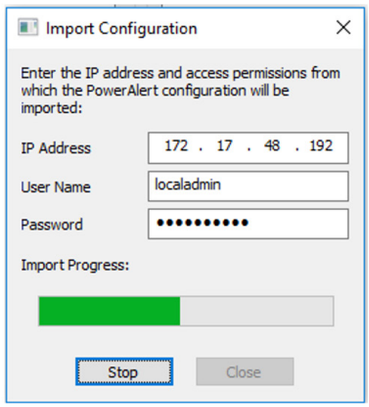
Prior to using this utility, it is suggested that all required configuration changes be made to the device that will be chosen as the source. These changes can be made in the device's interface. Make a note of the device's IP address, as it will be needed in a later step.

STEP 1. Upon launching the utility, choose the source device by clicking the *Import Config* button. A warning will appear indicating that any existing source configuration will be cleared. Click *Yes*.



STEP 2. In the Import Configuration window that appears, enter the IP address of the source device along with its User Name and Password, then click *Start*. A progress bar will indicate status of locating the source device and reading its configuration.



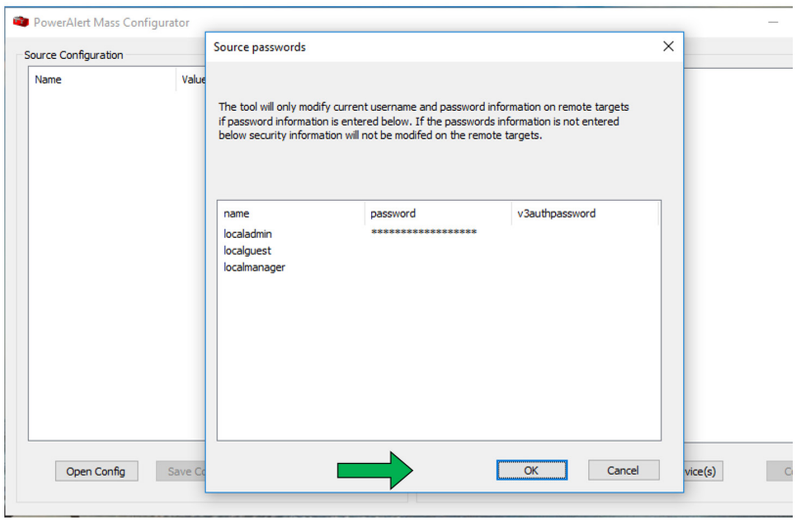


Once the source device has been located, the main utility screen will display its configuration information on the left side (see image below).

Note: *There will be no notification if an incorrect IP address, User Name or Password is entered. Rather, the Source Configuration window will simply display no information.*

When the configuration is imported, a window will open requesting password information for the target devices. If modifying any usernames and/or passwords, **all** usernames and passwords must be entered, regardless if they are being modified or not. If all usernames and passwords are not entered, the modifications will not be applied.

Once all entries have been made, click *OK*.



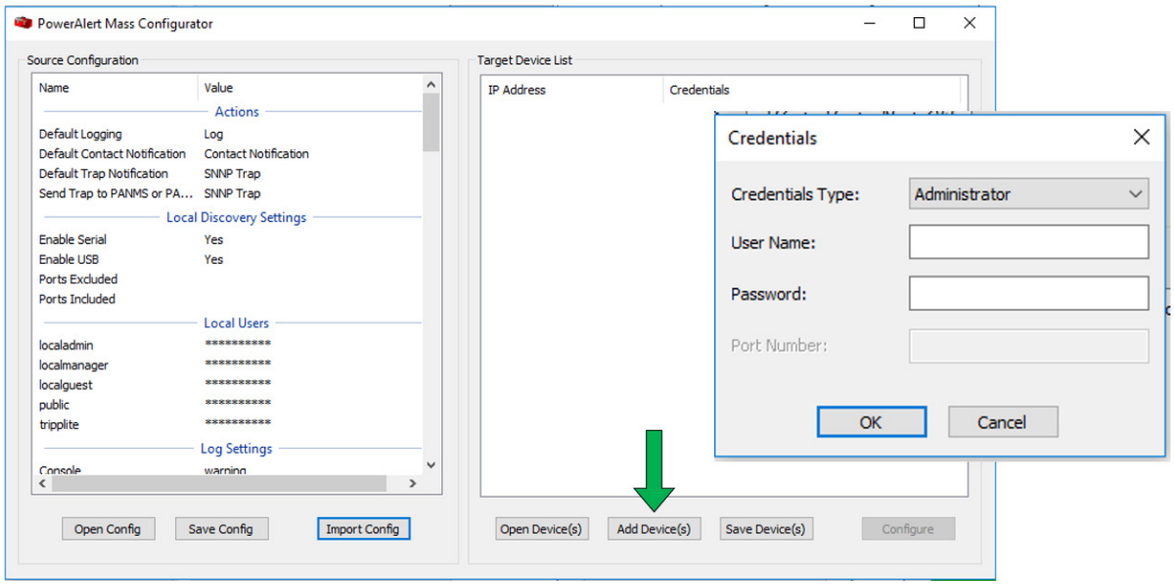
Usage Instructions

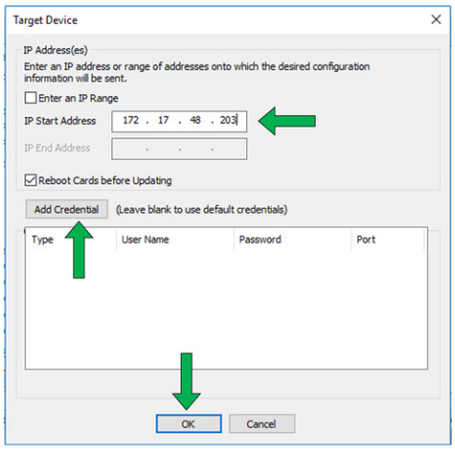
STEP 3. Choose the target devices by clicking the *Add Devices* button located at the bottom right. In the window that appears, a single device can be chosen by entering its IP address in the "IP Start Address" field, then clicking *OK*. Repeat this step for additional individual devices. All devices within an IP address range can also be chosen — check the "Enter an IP Range" box, then enter the starting and ending IP addresses (only the last octet in the IP address range can vary). Click *OK*.

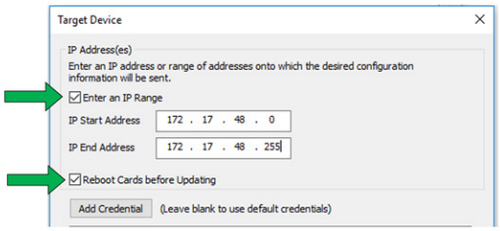
Note: *Multiple IP ranges can be added.*

All selected devices will be displayed in the Target Device List. To remove a device from the list, right-click the device's IP address and select "Remove Device".

If the default credentials for any device's IP address have changed, first click *Add Credential* to enter the new information to the Mass Configuration Utility. For the Credential Type, select *Administrator*.



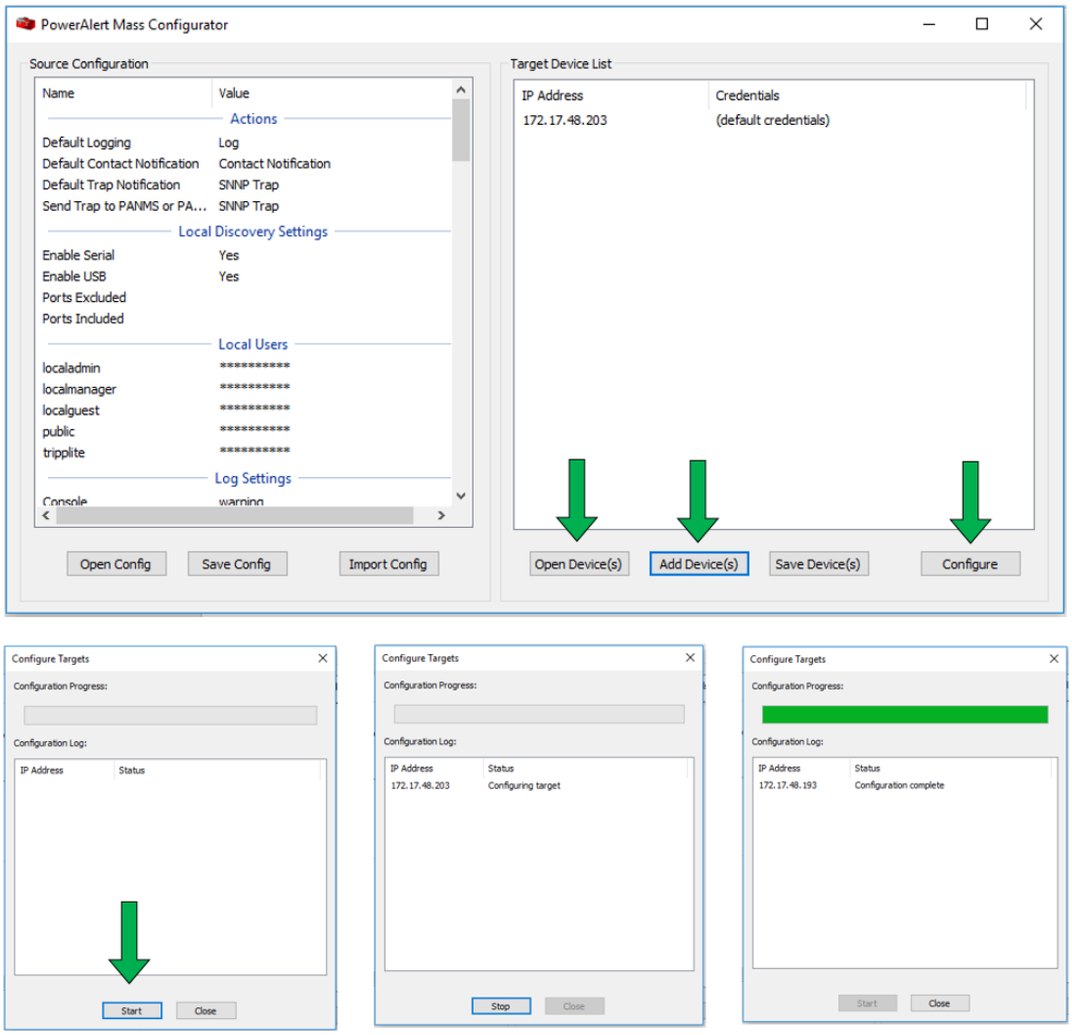




The **Reboot Cards before Updating** option helps ensure the device is ready to accept the configuration. It is highly recommended for configuring SNMPWEBCARDs.

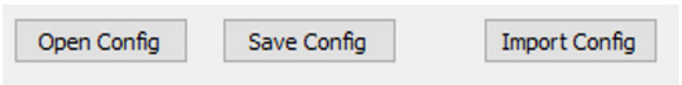
Usage Instructions

STEP 4. Once all target devices have been selected, click the *Configure* button. In the Configure Targets window that appears, click *Start*. The window will display a progress bar and provide the option to terminate the process. When the process has finished, the Status field in the window will indicate “Configuration complete” for each target device successfully configured. The list of added devices can be saved for later use, by pressing the *Save Device(s)* button. The list can be recalled by clicking on *Open Device(s)*.



For Advanced Users

Once STEP 2 has been completed, the imported configuration can be saved as an .XML file by clicking the *Save Config* button. The saved file can be modified using an XML editor. Please note that edited data is not validated. Errors in the file could cause failures when configuring target devices. Once all changes have been made and saved, the file can be chosen as the source configuration using the *Open Config* button, then navigating to and selecting the saved file.



Frequently Asked Questions

1. Can I load a configuration from an SNMPWEBCARD-based device running v006x onto an SNMPWEBCARD-based device running an earlier (or later) version of v006x firmware?
   Yes.
2. Can I load a configuration from an SNMPWEBCARD-based device running v006x onto an SNMPWEBCARD-based device using v0055 firmware?
   No.
3. Can I mass configure mixed model types, i.e. use a switched PDU as the source device and monitored PDUs as the target devices?
   No. Mass configuring across model types is not supported by the utility.
4. Can I mix device types, i.e. use a PDU as a source device and UPS systems' web cards as the target devices?
   No. Mass configuring across device types is not supported by the utility.
5. Can I mass configure load actions between units within the same model family, i.e. use an 8-outlet switched PDU as the source and a 16-outlet switched PDU as the target?
   Yes. In this case, all load actions configured on the 8-outlet unit will be copied to the corresponding outlets on the 16-outlet unit. If the 16-outlet unit is used as the source, and the 8-outlet unit is the target, only the load actions of the source's first eight outlets will be copied to the target.
   There are three discrete device types that support load actions: UPS, PDU, and ATS. Load action configurations can only be copied between identical device types, i.e. from a source UPS to target UPS (systems), a source PDU to target PDU(s), and a source ATS to target ATS (systems).
   Note: *An ATS is a PDU that supports the "Auto Transfer Switch" feature, identified by its ability to switch between primary and secondary inputs. While all ATS systems have "PDU" in their model names, they are separate device types--mass configuration of load actions is NOT supported between ATS systems and PDUs.*
6. Does the utility support SNMPv3 credentials?
   No. Not at this time.
7. Can I mass configure mixed platform types, i.e. use an SNMPWEBCARD-based device as the source device and LX Platform devices as the target devices (and vice-versa)?
   No. Cross-platform mass configuration is not supported.
8. How many devices can I mass configure at a time?
   Any number of target devices can be selected, but only ten devices will be processed at a time.
9. Can I select individual sections of a configuration as the source, instead of a whole configuration?
   No. A whole configuration must be used as the source. Otherwise, data may be lost.
10. Are there elements of a configuration that will NOT get copied onto target devices?
    Yes. Elements that are unique to a device—such as device name, IP address, hostname, etc.—will NOT be copied onto target devices.
11. Where can I find information to help me troubleshoot issues related to the use of this utility?
    When executed, the utility creates a folder called "log". Within that folder, the "MassConfig.log" file contains relevant information.