



## SmartZone G5 Firmware Release Notes 2.3.27

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## General

### Tested Application Compatibility

<i>Application</i>	<i>Support</i>	<i>Known Limitations</i>
SmartZone	V9.2	Access control functionality on PDU will not work with SmartZone 9.1 and prior.

### Released Production Files

#### Product Upgrade

##### *Image Information*

Filename: Panduit.fw

Version: 2.3.21

CRC32: 0FF799D9

SHA256: CEC439F9DDAB40F2D8545EAB0FA3D3A69F433A7DFB94111290CDD4D5B

Filesize: 3107956 bytes

## New Features

### New Features added in version 2.3.27

- General Maintenance

### New Features added in version 2.3.21

- Support for switching between Celsius and Fahrenheit
- The ability to reset the PDU to a factory default setting through the iNC
- The ability to set a user's password to never expire
- The ability to see the static IP address through the CLI when the Ethernet cable has been disconnected.
- Updated drivers to support alternative Cypress Flash memory component.
- General maintenance

## Resolved Issues

### Issues resolved by version 2.3.27

<i>Issue ID</i>	<i>Title</i>
G5-532	Daisy Chain reporting out of order.
G5-579	Upgrade of daisy chain PDUs can fail and leave both PDUs unreachable.
G5-613	2nd Breaker reports tripping when PDUs daisy chained.
G5-1204	Upload of invalid firmware file corrupts file system

### Issues resolved by version 2.3.21

<i>Issue ID</i>	<i>Title</i>
G5-119	NA:The temperature scale( F vs C) of the system is inconsistent
G5-349	NA:The temperature threshold values are list in Fahrenheit, but WebUI is in Celsius
G5-785	The "DES" functionality was removed from SNMP, but setting was not removed from the WebUI
G5-916	P10-195 CLI: New Password and Confirm New Password not aligned properly
G5-920	P10-191 CLI: Takes new password more than 32 characters
G5-923	SSH/CLI: Edited user in GUI cannot login to SSH/CLI. This only impact new users added to the system
G5-988	Three Phase PDUs (P42D42M and P42DDAM) without breakers don't report the metering on phase 2 and 3
G5-1000	Changing the temperature scale through SNMP has no effect.

# Outstanding Issues

## New Issues

The following reported problems have been found since the previous release and are still outstanding in this release.

Issue ID	Title	Version	Status
G5-1143	Error saying "No Cofig.ini" file when uploading config file from USB drive	2.3.27	Deferred

**G5-1143** Error saying "No Cofig.ini" file when uploading config file from USB drive.

Currently configuration upgrades through the USB do not work.

*Workaround:* Use the WebUI or FTP the image to update the configuration.

## Existing Issues

The following reported problems were found prior to the previous release and are still outstanding.

Issue ID	Title	Version	Status
G5-55	The ifSpeed is always returned as 0	2.2.0	Deferred
G5-58	The delayed option of the outlet control is not working	2.2.0	Deferred
G5-118	Password error shows incorrect number of characters required	2.2.0	Deferred
G5-120	NTP Syncs only on boot or network status change.	2.2.0	Deferred
G5-125	CLI: http/https status can be incorrect	2.2.0	Deferred
G5-153	Cannot change the state of an outlet on the second PDU through the CLI	2.2.0	Deferred
G5-173	DST Transitions do not work properly	2.2.0	Deferred
G5-174	pdug5InputFrequencyStatus not reporting out of range condition	2.2.0	Deferred
G5-181	Initial State of water sensors are "alarmed"	2.2.0	Deferred
G5-182	The number of sensors supported between the Web UI and SNMP need to be aligned.	2.2.0	Deferred
G5-186	Syslog message are coming out as a priority "Mail.info" for everything	2.2.0	Deferred
G5-191	Retries on the email setting does not seem to be working.	2.2.0	Deferred
G5-210	Incorrect error handling in USB Configuration	2.2.0	Deferred
G5-224	"dev sensor" through CLI does not work on daisy chain PDUs	2.2.0	Deferred
G5-231	NTP Settings will not save if server IP is not valid	2.2.0	Deferred

G5-232	NTP Test indicates both servers fail even if one works	2.2.0	Deferred
G5-233	CLI command pwr cb does not return error when breaker number is missing	2.2.0	Deferred
G5-240	snmp reads incorrect value for pdug5ConfigFtps (always reads on)	2.2.0	Deferred
G5-244	Firmware upload shows completed too soon on Web UI	2.2.0	Deferred
G5-246	SNMPv3 Traps (with noAuthNoPriv) not working on "send trap"	2.2.0	Deferred
G5-255	Cannot add a user when only the Hot Aisle connected.	2.2.2	Deferred
G5-260	Outlet names not saved in conf.ini file.	2.2.2	Deferred
G5-264	CLI and Web UI do not match for Total Energy in kWhrs	2.2.2	Deferred
G5-273	Cannot set time and date on expansion PDU	2.2.2	Deferred
G5-275	Unexpected Error When Saving LDAP Configuration Settings	2.2.2	Deferred
G5-277	Select rotate screen on horizontal units leave LCD screen upside down after a power up	2.2.2	Deferred
G5-283	Data Log is unreadable when downloaded (no end of lines)	2.2.2	Deferred
G5-289	No user feedback during long Event and Data Log Downloads	2.3.0	Deferred
G5-297	Outlet pdug5OutletWhTimer and outlet energy readings do not get reset when energy is reset.	2.3.0	Deferred
G5-308	Outlet Energy Since does not get reset through SNMP	2.3.0	Deferred
G5-313	Line Frequency Below Critical Trap Generated when a Breaker is Turned OFF	2.3.0	Deferred
G5-318	Input Energy Alarm Thresholds are off by one kWh	2.3.0	Deferred
G5-323	USB light strip take TOO long to turn on (about 10 seconds)	2.3.2	Deferred
G5-326	No error given when 17th rack access user is added.	2.3.0	Deferred
G5-333	State of two state sensors do not always reflect the correct state of the sensor through SNMP.	2.3.2	Deferred
G5-340	No trap sent when USER ROLE changes. Email and Syslog sent.	2.3.3	Deferred
G5-341	Link up trap and email not sent. Syslog message is sent.	2.3.2	Deferred
G5-342	No Firmware upgrade messages in trap	2.3.3	Deferred
G5-343	No email notification for "Rack Access" events. (Traps and Syslog messages are received)	2.3.3	Deferred
G5-347	Phase Current readings via SNMP do not match setting on expansion vs main for Delta Units.		Deferred
G5-348	pdug5OutletControlCommand SNMP object is fully functional. Delay settings don't work	2.3.3	Deferred
G5-352	Commanded On Delayed through WebUI for outlet control does not work.		Deferred
G5-355	Rack access user configured in the system via SNMP doesn't take effect until a system reset	2.3.3	Deferred
G5-359	All Alarm, Event Log, and Data Log messages remain in English regardless of language selected	2.3.3	Deferred
G5-361	Language selection is not retained after exiting browser	2.3.3	Deferred
G5-363	Alarm page cannot show all alarms; Shows first 30.	2.3.3	Deferred
G5-382	KVA rating under REST Power distribution is scaled incorrectly	2.3.4	Deferred
G5-383	TotalLoadPercentage reported as zero in RESTAPI	2.3.4	Deferred

G5-384	RESTApi reports max voltage instead of measured voltage	2.3.4	Deferred
G5-386	RESTApi reports Loadsegments/Circuit Breaker data incorrectly	2.3.4	Deferred
G5-387	RESTApi reports Total watts/VA as zero on PDU#2	2.3.4	Deferred
G5-473	Test Email works correctly but Event Log says it failed	2.3.4	Deferred
G5-475	"dev ledstrip off" does not leave the led strip on at all time	2.3.4	Deferred
G5-527	SNMP set of breaker names can corrupt the name and inhibit viewing of outlets on Web UI	2.3.4	Deferred
G5-528	RESTapi/REDFISH CircuitBreaker shows voltage=0	2.3.5	Deferred
G5-529	Random "Autolock after 3 min" message from system.	2.3.5	Deferred
G5-531	Expansion Status LED flashes red when no network cable is present.	2.3.5	Deferred
G5-532	Daisy Chain PDU3 and PDU4 data reporting is switched	2.3.3	Deferred
G5-545	SNMP pdug5HidControlUserName is not SET correctly	2.3.10	Deferred
G5-548	Data Log configuration time is not saved in the conf.ini file.	2.3.10	Deferred
G5-616	Unloaded Outlet Names Displayed in BLACK on Web UI	2.3.10	Deferred
G5-648	Configuring the PDU to factory defaults does not default certificates	2.3.10	Deferred
G5-682	SNMP set of pdug5InputEnergyThresholdThCtrl does not work on Expansion PDU	2.3.11	Deferred
G5-690	Cannot delete access user from web UI in IE11	2.3.11	Deferred
G5-750	Sensor Version is blank sometime for door are HID, when it should be populated.	2.3.18	Deferred
G5-764	Temperature event posting and clearing when there is no event.	2.3.18	Deferred
G5-784	When a sensor alarm is Enable/Disable through SNMP, the value is not pushed to the sensor.	2.3.18	Deferred
G5-786	CAS-911310-V4T8T4 - Panduit SNMPv3 passwords are truncated after 19 chars when it should be 32	2.3.18	Deferred
G5-875	Web UI does not agree with SNMP set values for pdug5InputEnergyThreshold settings	2.3.18	Deferred
G5-906	RADIUS login error trap when local user logs in.	2.3.19	Deferred
G5-922	IN SSH Password Change Request, when a wrong password is entered as the current password, the SSH still asks for password change request and validates the current password only after new password is entered	2.3.19	Deferred
G5-924	When a new user is blocked and tries to login to SSH, the SSH still asks for Password change request	2.3.19	Deferred
G5-926	P36G18M: Outlet Indexing issue observed on traps from BANK 2 to 6	2.3.19	Deferred
G5-1143	pdug5OutletCurrentPercentLoad is incorrect and actually reads pdug5OutletCurrent	2.3.21	Deferred
G5-1144	pdug5OutletWh always reads 100 no matter what load is applied	2.3.21	Deferred
G5-1146	Erroneous Outlet Energy appears on Web UI for slave PDU	2.3.21	Deferred
G5-1147	Missing phase current events on slave PDU in the event log, traps, syslog, and email	2.3.21	Deferred
G5-1151	P10-229: Datalogs: Temperature Unit value is always in Fahrenheit for Slave PDU	2.3.21	Deferred



G5-1152	Changing the temperature scale and then resetting system, leaves system with mismatch thresholds. Need to write threshold changes to the sensor.	2.3.21	Deferred
G5-1153	Change OLED sensor scale on slave PDU only changes scale on PDU, but system.	2.3.21	Deferred
G5-1155	Incorrect numbers appear under Phase peak current for daisy chain PDU in the data log	2.3.21	Deferred

## **G5-55** The ifSpeed is always returned as 0

The SNMP oid IF-MIB::ifSpeed.1 is not updated with the operating speed of the Ethernet interface. It always returns zero.

*Workaround:* Use equipment at other end of Ethernet connection to determine the negotiated interface speed.

## **G5-58** The delayed option of the outlet control is not working

Via SNMP the outlet control OIDs: pduG5OutletControlOffCmd, pduG5OutletControlOnCmd do not support delayed control of the outlets. When these OIDs are written the action to the outlet occurs immediately.

*Workaround:* None.

## **G5-118** Password error shows incorrect number of characters required

When changing a user's own password, the error message always indicates greater than 8 characters are needed, even if the setting has been changed to another number.

*Workaround:* None

## **G5-120** NTP Syncs only on boot or network status change.

When the system time is update through NTP, the NTP syncs only during boot up or a network status change. This could cause a timing to drift over time.

*Workaround:* Resetting to PDU will cause a re-sync

**G5-125** CLI http/https status can be incorrect

Enabling both HTTP and HTTPS through the CLI will force the Web UI to work in HTTPS mode.

*Workaround:* To have the Web UI to operate in HTTP mode, disable HTTPS and enable HTTP through CLI

**G5-153** Cannot change the state of an outlet on the second PDU through the CLI

Changing the state of an outlet on expansion PDUs does not work through the CLI. This is not an issue on the main PDU

*Workaround:* Use SNMP or the Web UI to update the state of the expansion PDUs.

**G5-173** DST Transitions are not working properly.

Setting Daylight Saving Time, while in the month you are trying to set will not work

*Workaround:* Manually set the date to a different month. Then set the Daylight Saving Time setting, then set date back to the correct date.

**G5-174** pdug5InputFrequencyStatus not reporting out of range condition

When querying the pdug5InputFrequencyStatus through SNMP, it will always return Good, even when the line is out of range.

*Workaround:* Use Web UI to get the information.

**G5-181** Initial State of water sensors are "alarmed"

When a water sensor is inserted in the PDU, an ""alarm"" event will occur and then immediately clear.

*Workaround:* none

- G5-182** The number of sensors supported between the Web UI and SNMP need to be aligned.
- Certain sensors types support different max sensor values on the Web UI vs SNMP. The could lead to issues where you could have more sensor on the Web UI than retrievable through SNMP.
- The Web UI will support 8 sensors of each type. SNMP only supports 6 temperature sensors, 6 humidity sensors, 2 water sensors, 3 dry contact sensors and 2 door sensors
- Workaround:* none
- G5-186** Syslog message are coming out as a priority "Mail.info" for everything
- All syslog messages coming from the PDU are set with a priority of Mail.info.
- Workaround:* none
- G5-191** Retries on the email setting does not seem to be working.
- The retries on the SMTP do not work. If an error occurs, the message will not be re-transmitted.
- Workaround:* none
- G5-210** Incorrect error handling in USB Configuration
- If you try to do an "Up Config", through bootloader mode, and you do not have an config.ini file on the USB drive, the PDU will be placed in an odd state. Some of the examples of that state being off is you cannot do a "Down Config".
- Workaround:* The PDU's controller needs to be reset.
- G5-224** "dev sensor" through CLI does not work on daisy chain PDUs
- In the CLI: The ""dev sensor"" command displays the sensors on the primary PDU. Information from the expansion PDUs is not shown.
- Workaround:* Use the WebUI to view these sensors.

- G5-231** NTP Settings will not save if server IP is not valid
- NTP Settings will not save unless the server IPs are set to a valid ntp server.
- Workaround:* Verify the both NTP servers are up and accessible when you are configuring NTP.
- G5-232** NTP Test indicates both servers fail even if one works
- The test of the NTP server is tested, it will show both servers have failed, when only one server has failed.
- Workaround:* none
- G5-233** CLI command pwr cb does not return error when breaker number is missing
- When the "pwr cb [x]" is ran from the CLI and no circuit breaker, cb, is entered, the command will return data that is not correct.
- Workaround:* Enter a valid value circuit breaker value in the command.
- G5-240** snmp reads incorrect value for pdug5ConfigFtps (always reads on)
- The SNMP will return on for the pdug5ConfigFtps oid.
- Workaround:* Use the Web UI to see the state of FTPs
- G5-244** Firmware upload shows completed too soon on Web UI
- After the upgrade, the Web UI will bring you back to the main page. The system will look like it has finished the upgrade, but there is still items being upgraded in the back ground. If you power cycle the PDU during this time you may corrupt the configuration.
- Workaround:* Verify you can log into the Web UI before power cycling the PDU
- G5-246** SNMPv3 Traps (with noAuthNoPriv) not working on "send trap"
- For users in noAuthNoPriv, the test trap command will fail. This is only a failure with the test message.

*Workaround:* none

**G5-255** Cannot add a user when only the Hot Aisle connected.

The pull down menu for the adding a new user doesn't when there is only on HID connected to the PDU. Since the default of the pull down is "Cold Aisle", you will not be able to add a user to the Hot Aisle.

*Workaround:* connect both access hubs to the PDU to configure the addresses

**G5-260** Outlet names not saved in conf.ini file.

When doing a configuration backup, the outlet name will not be saved

*Workaround:* Edit the names manually.

**G5-264** CLI and Web UI do not match for Total Energy in kWhrs

The value read through the Web UI for Total Energy seems to lag behind the actual value.

*Workaround:* Use the value in the SNMP interface or through the CLI.

**G5-273** Cannot set time and date on expansion PDU

The time on the expansion PDU cannot be set. Event notifications that occur on the expansion PDU time stamp could be incorrect.

*Workaround:* Connect expansion PDU to the network, configure time and date and then connect expansion PDU back to the daisy chain.

**G5-275** Unexpected Error When Saving LDAP Configuration Settings

Before saving the LDAP settings, all settings are required to be filled in. If a field is not fill out correct, the error handling does not always highlight the correct field with the issue.

*Workaround:* When there is an error verify all settings.

**G5-277** Select rotate screen on horizontal units leave LCD screen upside down after a power up

If you select rotate screen on a horizontal PDU, it will default the PDU screen rotation setting to 0 degrees (upside down) when the PDU is powered up. Even if the PDU is set to 180 degrees rotation (right side up) the PDU will still power up in the 0-degree rotation. If you have a horizontal PDU do not use this feature.

*Workaround:* This Default the PDU settings.

**G5-283** Data Log is unreadable when downloaded (no end of lines)

The file returned when you download the data log has no end of line characters.

**G5-289** No user feedback during long Event and Data Log Downloads

When you download the event log or data log the download can take a couple of minutes to download. While the file is downloading, there is no user feedback the download is in progress.

*Workaround:* Wait till the download completes.

**G5-297** Outlet pdu5OutletWhTimer and outlet energy readings do not get reset when energy is reset.

The outlet energy values do not get reset to zero when the energy values are reset.

*Workaround:* None

**G5-308** Outlet Energy Since does not get reset through SNMP

The outlet energy values do not get reset to zero when the energy values are reset through SNMP.

*Workaround:* None

**G5-313** Line Frequency Below Critical Trap Generated when a Breaker is Turned OFF

Turning a breaker off on models that detect the breaker ON/OFF state, generates a Line Frequency Below Low Critical Trap in addition to the expected breaker state change trap.

*Workaround:* Ignore the other trap

**G5-318** Input Energy Alarm Thresholds are off by one kWh

Input Energy Alarm Thresholds are off by one kWh

*Workaround:* Input Energy Alarm Thresholds are off by one kWh

**G5-323** USB light strip takes TOO long to turn on (about 10 seconds)

When opening the cabinet, the USB light strip can take up to 10 seconds to turn on.

*Workaround:* None

**G5-326** No error given when 17th rack access user is added.

The max number of rack access users is 16. If you try and add a 17th, the operation will fail without giving a failure message. The user will not be added.

*Workaround:* None

**G5-333** State of two state sensors do not always reflect the correct state of the sensor through SNMP.

The state of the two-state sensors (water, contact sensor) do not always reflect the current state of the sensor. If the alarm state of the sensor is disabled through the WebUI, the sensor will always return the none alarmed state.

*Workaround:* Leave the alarm state of the sensor enabled.

- G5-340** No trap sent when USER ROLE changes. Email and Syslog sent.
- No trap is sent when a user role is changed. The email and syslog message event notification will be sent.
- Workaround:* None
- G5-341** Link up trap and email not sent. Syslog message is sent.
- The event notification for the link up event will not send an email message or a SNMP trap. It will send a syslog message.
- Workaround:* None
- G5-342** No Firmware upgrade messages in trap
- The event notification for the firmware upgrade event will not send SNMP trap. It will send a syslog message and an email message.
- Workaround:* None
- G5-343** No email notification for Rack Access events. (Traps and Syslog messages are received)
- When a Smart Rack Access event happens, an email notification will not be sent. The SNMP traps and Syslog messages are sent.
- Workaround:* None
- G5-347** Phase Current readings via SNMP do not match setting on expansion vs main for Delta Units. Expansion seem to be measured Line to Neutral, Main measured line to line.
- The Phase Current readings via SNMP do not match the on the expansion compared to the main unit for delta units. The main unit returns the values Line to Neutral and the expansion unit returns them Line to Line.
- Work around: Use the WebUI to get the data.



- G5-348** pdu5OutletControlCommand SNMP object is fully functional. Delay settings don't work
- The delay option in the SNMP outlet control command object, pdu5OutletControlCommand doesn't work.
- Workaround:* None
- G5-352** Commanded On Delayed through WebUI for outlet control does not work.
- The "On Delay" through the WebUI of an outlet will no wait the "On Delay" before the outlet is turned on. It will turn the outlet on immediately.
- Workaround:* None
- G5-355** Rack access user configured in the system via SNMP doesn't take effect until a system reset
- A rack access user that is added through the SNMP interface will not be authorized to control a cabinet until the PDU is reset.
- Workaround:* Reset the PDU after a user is added through SNMP or add the user through the Web UI
- G5-359** All Alarm, Event Log, and Data Log messages remain in English regardless of language selected
- All Alarm, Event Log, and Data Log messages remain in English regardless of language selected
- Workaround:* None
- G5-361** Language selection is not retained after exiting browser
- The language of the WebUI will always fall back to English after the user logs out of the PDU.
- Workaround:* None
- G5-363** Alarm page cannot show all alarms; Shows first 30.
- The alarm page will only show 30 of the active alarms on the PDU.

*Workaround:* None

**G5-382** KVA rating under REST Power distribution is scaled incorrectly

The KVA rating under /redfish/v1/PowerDistribution/1 appears to be reported in VA instead of KVA

*Workaround:* Use the SNMP interface or the WebUI to retrieve this information

**G5-383** TotalLoadPercentage reported as zero in RESTAPI "The total load percentage reads ""0.0"" when read via

/redfish/v1/PowerDistribution/1/PowerMeasurement/LoadsegmentMeasurement

*Workaround:* Use the SNMP interface or the WebUI to retrieve this information

**G5-384** RESTApi reports max voltage instead of measured voltage

When /redfish/v1/PowerDistribution/1 is read, the Voltage is reported as what appears to be the max voltage rather than the measured voltage.

*Workaround:* Use the SNMP interface or the WebUI to retrieve this information

**G5-386** RESTApi reports Loadsegments/Circuit Breaker data incorrectly

When reading  
/redfish/v1/PowerDistribution/PowerMeasurement/LoadsegmentMeasurement the values are mostly incorrect.

*Workaround:* Use the SNMP interface or the WebUI to retrieve this information"

**G5-387** RESTApi reports Total watts/VA as zero on PDU#2

When reading /redfish/v1/PowerDistribution/2 the total watts and VA are read as zero even though voltage/current are applied.

*Workaround:* Use SNMP or the WebUI to retrieve these values

**G5-473** Test Email works correctly but Event Log says it failed

When sending a test SMS message through the email settings, you will sometimes get an SNMP traps stating the message failed to send. However, the SMS message was sent correctly.

*Workaround:* Ignore the trap.

**G5-475** "dev ledstrip off" does not leave the led strip on at all time

The LED strip will always turn on and off based on the state of the door. The ""dev ledstrip off"" not set the LED strip to an always on state.

*Workaround:* None

**G5-527** SNMP set of breaker names can corrupt the name and inhibit viewing of outlets on Web UI

Changing the name of the breakers through SNMP can corrupt the names through the Web UI.

Work around: Write the names a second time

**G5-528** RESTapi/REDFISH CircuitBreaker shows voltage=0

When reading  
/redfish/v1/PowerDistribution/1/PowerMeasurement/LoadsegmentMeasurement shows that voltage of breaker1 is zero

*Workaround:* Use SNMP or the WebUI to retrieve these values

**G5-529** Random "Autolock after 3 min" message from system.

After the system auto-locks the cabinet you will get a trap that states the cabinet has been auto-locked. However, sometimes you will get a second message stating the cabinet has been auto-locked after 3-min, no matter what the time out it.

*Workaround:* Ignore the second trap.

**G5-531** Expansion Status LED flashes red when no network cable is present.

When you have a daisy chain setup, the daisy chained status LED may flash red to indicate the network connection is down.

*Workaround:* The network connection is not needed on the daisy chained PDU, so the LED can be ignored.

**G5-532** Daisy Chain PDU3 and PDU4 data reporting is switched

The PDU instance number for PDU 2-4 is not based on the location in the chain but based on the order the PDU is discovered.

*Workaround:* none

**G5-545** SNMP pdug5HidControlUserName is not SET correctly.

If you edit a Rack Access user through SNMP and the new name is shorter than the new name, the new name will only replace the name for the length of the new name.

*Workaround:* Delete the user from the WebUI, then add the new user back.

**G5-548** Data Log configuration time is not saved in the conf.ini file.

The data log polling time is not in stored in the conf.ini file. This means this parameter cannot be restored through a configuration upgrade.

Work around: This value must be set manually.

**G5-616** Unloaded Outlet Names Displayed in BLACK on Web UI

The color of the outlet number on "Control & Manage" Page will not reflect the current on the PDU. In other words, a black outlet will not always mean there is current on the outlet and a grey outlet will not always mean there is no current on the outlet. This only impact MSPO and MPO units.

*Workaround:* Check current on the dashboard before turning off the outlet.

- G5-648**      Configuring the PDU to factory defaults does not default certificates
- Doing a "Default Settings" on the PDU will not delete any certificates from the PDU.
- Workaround:* Log into the CLI and run the command "net cert def".
- G5-682**      SNMP set of pdu5InputEnergyThresholdThCtrl does not work on Expansion PDU
- The pdu5InputEnergyThresholdThCtrl, which means you cannot control the enabled/disable state of the energy alarms from through SNMP.
- Workaround:* Set the states through the WebUI.
- G5-690**      Cannot delete access user from web UI in IE11
- Deleting a Smart Rack access user through the WebUI does not work with IE11.
- Workaround:* Use a different browser, like Chrome.
- G5-700**      Dry Contact Alarms in the opposite state.
- When a dry contact sensor's end is touching, the sensor will report "Open". When the ends are apart they it will report "Closed".
- Workaround:* None.
- G5-728**      No trap after uploading config file using CLI.
- There is no configuration trap after uploading conf.ini file through FTP and initialing the configuration upgrade through CLI.
- Workaround:* None.
- G5-739**      Setting PDU to factory defaults incorrectly defaults the wattHourTimer's. It leaves the wattHour counts
- Doing a system default will set the "Energy Since" time to the time of the default. However, it will not reset the energy.

*Workaround:* Use the WebUI, the CLI or SNMP to get the correct value of the HID.

**G5-744** No Loss Comm traps from sensors when sensor is removed.

The Loss Comm trap is not seen when a sensor is removed from the PDU.

*Workaround:* None.

**G5-750** Sensor Version is blank sometime for door are HID, when it should be populated.

The version of the HID will be missing sometimes on the Dash board of the WebUI.

*Workaround:* Use the CLI or SNMP interface to view the version.

**G5-764** Temperature event posting and clearing when there is no event.

Sometimes the PDU may report an erroneous assert and then immediately de-assert event on a temperature sensor.

*Workaround:* Any transient events may be ignored.

**G5-784** When a sensor alarm is Enable/Disable through SNMP, the value is not pushed to the sensor.

Setting the temperature and humidity sensor threshold over SNMP are not store in the sensor. This will cause the values to be reset after a PDU reset.

*Workaround:* Set the values through the WebUI.

**G5-786** CAS-911310-V4T8T4 - Panduit SNMPv3 passwords are truncated after 19 chars when it should be 32.

SNMP v3 authorization password and privacy key are truncated to 19 characters when entered into the WebUI.

*Workaround:* The user must have a password less than 19 characters.

- G5-875** Web UI does not agree with SNMP set values for pdu5InputEnergyThreshold settings.
- Setting the Input Energy thresholds through SNMP does not configure the PDU correctly.
- Workaround:* Configure the PDU through the WebUI.
- G5-906** RADIUS login error trap when local user logs in.
- When RADIUS is configured on the PDU and an user stored locally on the PDU logs in, a RADIUS login event will post.
- Workaround:* None. The trap can be ignored.
- G5-922** In CLI Password Change Request, when a wrong password is entered as the current password, the SSH still asks for password change request and validates the current password only after new password is entered.
- If a user tries to log into the CLI for the first time and enters an incorrect password, the PDU will ask the user to enter a new password before checking if the user's password is correct.
- Workaround:* None. The PDU will check if the user's password is correct after the new password is entered and will take the appropriate actions.
- G5-924** When a new user is blocked and tries to login to SSH, the SSH still asks for Password change request.
- If a block user tries to log into the CLI for the first time, the PDU will ask the user to enter a new password before checking if the user is blocked.
- Workaround:* None. The PDU will check if the user is blocked after the new password is entered and will take the appropriate actions.
- G5-926** P36G18M: Outlet Indexing issue observed on traps from BANK 2 to 6.
- Outlet traps on P36G18M will report the incorrect trap code for outlets 7-36.
- Workaround:* The outlet number in the trap description is correct.

- G5-1143** pdug5OutletCurrentPercentLoad is incorrect and actually reads pdug5OutletCurrent.
- Through SNMP, the pdug5OutletCurrentPercentLoad always reads the outlet current.
- Workaround:* Divide the outlet current by the max current of the outlet.
- G5-1146** Erroneous Outlet Energy appears on Web UI for daisy chain PDU.
- The outlet energy values do not go to zero when the Reset PDU Energy is selected. The values read a large number.
- Workaround:* None.
- G5-1147** Missing phase current events on slave PDU in the event log, traps, syslog, and email.
- The phase traps do not work on the daisy chained PDU. If an event occurs, you will not receive any trap.
- Workaround:* Poll the PDU for voltage levels on the daisy chain PDU".
- G5-1151** P10-229: Datalogs: Temperature Unit value is always in Fahrenheit for Slave PDU.
- The temperature value in the datalog for the daisy chain PDUs is always in Fahrenheit.
- Workaround:* None.
- G5-1152** Changing the temperature scale and then resetting system, leaves system with mismatch thresholds. Need to write threshold changes to the sensor.
- Changing the temperature scale on the system will not store convert the temperature threshold on the temperature sensors. This means if the sensor is unplugged or the system reboots the threshold will revert to the scale.
- Workaround:* After changing the scale, update all the sensor thresholds.



**G5-1153** Change OLED sensor scale on slave PDU only changes scale on PDU, not the system.

Changing the temperature scale on a daisy chained PDU will not update the temperature scale on any other PDUs

*Workaround:* To update temperature scale of the whole system, you need to change the scale through the WebUI, SNMP or on the main PDU.

**G5-1155** Incorrect numbers appear under Phase peak current for daisy chain PDU in the data log.

Occasionally, the peak value for the current value will get corrupted in the data log.

*Workaround:* None

## Release History

Revision	Date	Reason for Change
2.2.0	November 11, 2017	Preliminary Release
2.2.2	December 4, 2017	Added MS support
2.3.3	February 2, 2018	Added MPO and MSPO
2.3.4	March 22, 2018	General Maintenance
2.3.5	May 23, 2018	Added Access Control
2.3.11	March 11, 2019	General Maintenance
2.3.16	May 30, 2019	Initial Release of 415V PDUs
2.3.19	December 18, 2019	Full Support of 415V PDUs
2.3.21	May 4, 2020	Support of Fahrenheit and Radius Enhancements
2.3.27	June 14, 2021	General Maintenance