

# G5 Firmware Release Notes 3.4.1 Rev1.0

# Contents

General.....	3
Tested Application Compatibility .....	3
Released Production Files .....	3
Product Upgrade .....	3
New Features .....	4
New Features added in version 3.4.1.....	4
Resolved Issues .....	5
Issues resolved by version 3.4.1 .....	5
Issues resolved by version 3.3.7 .....	5
Outstanding Issues .....	7
New Issues.....	7
Existing Issues .....	7
Release History .....	23

## General

### Tested Application Compatibility

<i>Application</i>	<i>Support</i>	<i>Known Limitations</i>
Security Handle	V4.1	

### Released Production Files

#### Product Upgrade

##### *Image Information*

Filename: panduit.fw

Version: 3.4.1

CRC32: bcbd6a42

SHA256: 6677a978742438539479d1e54c86ec92f0e5e35e6e4a3e327ec70bc5593334aa

Filesize: 3335606 bytes

## New Features

### New Features added in version 3.4.1

- Maintenance Release

## Resolved Issues

### Issues resolved by version 3.4.1

<i>Issue ID</i>	<i>Title</i>
G5-1365	No Door Time de-assert event when door is closed after being open longer than the max configured time
G5-1492	PDU P24G06M Unresponsive Unless Pinging from Layer 3
G5-1993	After temporary access user expired, user could still access hot aisle door
G5-2612	Web access is sporadically unavailable
G5-2613	G5 PDU running 3.3.6 input amp issue
G5-2671	Electronic Lock and Mechanical Lock traps have the incorrect levels when the event customization is enabled.
G5-2700	Blast RADIUS Vulnerability finding on P32E06M
G5-2738	NMC status LED illuminates solid red and would not change back to green after critical/warning alarms get cleared
G5-2746	RADIUS login issue - user is kicked out immediately after log in when in FreeRADIUS 3.2.5, 3.2.6 standalone mode
G5-2804	NTP Servers Added and DST Set Mar to Nov ... Rebooted ... LED Frozen with SKU#
G5-2805	conf.ini Is Downloaded But No Trap With Code 743
G5-2807	G5 SNMP reading on DCE shows 0V randomly
G5-2838	P38D28M showing inaccurate and negative readings on PDU#2 Phase 1
G5-2840	Daisy chain connectivity restarts after updating to 3.3.6.6

### Issues resolved by version 3.3.7

<i>Issue ID</i>	<i>Title</i>
G5-1458	Additional characters when writing to pdug5HidControlCardIdStr via SNMP
G5-2000	aisle handle status LED would not change. Had to unplug/replug handle AND reboot PDU to get it working
G5-2297	Random characters show up in Event Log for first-time user login/password change after Default Settings
G5-2303	PDU # is off by 1 in the Event log when remote unlock / lock the handle from SNMP
G5-2332	Unable to login to the WebUI using a Radius non-admin user
G5-2333	OLED display: in all languages, Power / "Outlet" menu is now "Slave" in 3.3.4
G5-2337	Unable to login to the WebUI using a LDAP non-admin user

G5-2348	Device is stuck on the SKU# screen, no power on any of the outlets after a power cycle
G5-2444	G5 PDU - Temp Values Zero & Losing Comms
G5-2546	Negative values in phase energy consumption (WebUI and SNMP)
G5-2601	Unlock by Key produces a Critical Alarm, but an Info level trap is sent
G5-2616	PDU's Going offline sporadically after 3.3.6 firmware update
G5-2617	G5 PDU Daisy Chain Comms lost
G5-2623	Phase Current is shown inconsistently on Phase tab of dashboard in daisy chain system for Delta PDU's.
G5-2635	PDU boot issue last bank not turning on.

## 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
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### Existing Issues

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

Issue ID	Title	Version	Status
G5-52	The snmpwalk seem to end incorrectly. The last item points to itself	2.2.0	Deferred
G5-55	ifSpeed does not return the correct speed.	2.2.0	Deferred
G5-72	The date format in all the notification don't match the date format described in the system.	2.2.0	Deferred
G5-99	The Long Sensor Names don't align nicely in the CLI	2.2.0	Deferred
G5-168	WebUI responsiveness/ page loading slow at times (Seconds to load pages)	2.2.0	Deferred
G5-173	DST Transitions do not work properly	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
G5-233	CLI command pwr cb does not return error when breaker number is missing	2.2.0	Deferred
G5-244	Firmware upload shows completed too soon on Web UI	2.2.0	Deferred
G5-260	Outlet names not saved in conf.ini file.	2.2.0	Deferred
G5-297	Outlet pdug5OutletWhTimer and outlet energy readings do not get reset when energy is reset.	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
G5-348	pdug5OutletControlCommand SNMP object is fully functional. Delay settings don't work	2.3.3	Deferred
G5-473	Test Email works correctly but Event Log says it failed	2.3.3	Deferred
G5-551	MPO, MSPO and MS PDUs without circuit breakers do not have the PDU group information in the MIB updated correctly. (pdug5OutletBranch)	2.2.0	Deferred



G5-584	SNMPv3 time synchronization does not contain OID usmStatsNotIntimeWindows	2.3.5	Deferred
G5-616	Unloaded Outlet Names Displayed in BLACK on Web UI	2.3.11	Deferred
G5-617	CLI:"pwr cb 1" doesn't work on PDUs with 0 breakers, but the value for Breaker one shows up on the WebUI	2.3.11	Deferred
G5-620	Threshold Settings for Energy Alarms are off	2.3.11	Deferred
G5-734	Resetting Input Phase Energy doesn't work	2.3.16	Deferred
G5-739	Setting PDU to factory defaults incorrectly defaults the wattHourTimer's. It leaves the wattHour counts	2.3.16	Deferred
G5-900	Total Energy and Energy Since are not updating on the Web UI and SNMP	2.3.19	Deferred
G5-1045	Total Energy is incorrect	3.0.4	Deferred
G5-1153	Change OLED sensor scale on daisy chain PDUs only changes scale the on the local PDU's LCD, not the 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
G5-1200	pdug5OutletControlPowerOnState response are off by one. The correct value is set	3.1.1	Deferred
G5-1210	Data logging report the wrong date between 00:00 and 01:00 when DST is turned on	2.3.21	Deferred
G5-1240	Total Energy Per Phase does not add up to Total Energy on the Summary page	3.0.15	Deferred
G5-1251	LCD Phase Current does not match Web UI on 3-phase Delta models	3.0.15	Deferred
G5-1291	Radius "admin" user cannot use "User Accounts" page (unique Javascript exception: Uncaught TypeError: Cannot read property 'temperatureunit' of undefined)	3.1.1	Deferred
G5-1316	Extra space between PDU number and alarm identifier on most traps.	3.1.10	Deferred
G5-1342	Language File length check is not sufficient check for determining corrupted file.	3.1.10	Deferred
G5-1361	Role user trap (1153) is of type Clear, should be info	3.1.10	Deferred
G5-1368	Alarm for door open by key not RFID holder doesn't work when two handles connected to same PDU.	3.1.10	Deferred
G5-1429	PDU #1 Alarm LED still Green after AC power loss while connected in a 2-PDU Power Share daisy chain	3.1.18	Deferred
G5-1431	Unexpected Relay trap when PDU 1 power is restored on 2-PDU Power Share daisy chain	3.1.18	Deferred
G5-1448	Cannot create more than 195 access users via SNMP due to pdug5HidControlCardIdStr error on set	3.1.19	Deferred
G5-1480	Sensor Loss Communication alerts or Communication OK alerts don't always work correctly when connected to a daisy chain PDU.	3.1.19	Deferred



G5-1501	SSH fails - user is presented immediately with a popup informing that the ssh connection was reset	3.1.19	Deferred
G5-1508	FW upgrade and Configuration upgrade events may not be seen on remote systems (Traps, Syslog Email). There is a race condition between the network interface going up and the messages being sent.	3.3.1	Deferred
G5-1512	Extra chars in the 'Date' field on the Data log & Event log files copied from the G5 PDU through USB	3.3.1	Deferred
G5-1515	Non-authorized pin trap 1103 is sent in place of 1102 for pin code length = 16 but handle unlocks correctly	3.3.1	Deferred
G5-1518	MPO PDU may report wrong value for pdu5OutletControlStatus.	3.3.1	Deferred
G5-1521	PDU with two handles does not show swipe activity for one handle.	3.3.1	Deferred
G5-1527	Unexpected events logged when PDU 4 is unplugged from 4-PDU daisy chain	3.3.1	Deferred
G5-1529	Two PDU seen on System Management page when only one PDU present.	3.3.1	Deferred
G5-1649	First letter of the SN is missing when dev handle is used, but dev sensor works correctly.	3.3.1	Deferred
G5-1650	Cannot Set / Edit sensor name through SNMP for a ACA01 Door sensor (iHandle Door sensor works correctly)	3.3.2	Deferred
G5-1654	User prematurely logged out when sitting idle.	3.3.1	Deferred
G5-2116	'Data Log' continues to show PDU 2 long after breaking the daisy chain	4.0.2	Deferred
G5-2147	Email alarms sometimes aren't sent - auth is enabled	3.3.2.7	Deferred
G5-2298	Trap code 1106 for removal of temporary user does not indicate which aisle applies	3.3.3	Deferred
G5-2300	After a config file upload, PDU #2 power thresholds are at the factory default, not PDU #1 duplicated	3.3.3	Deferred
G5-2309	False sensor alarm traps when alarms are left enabled before iHandle is disconnected	3.3.3	Deferred
G5-2340	Power Panel, Core Location, and Core Position settings for PDU #2 are lost after config download/upload	3.3.4	Deferred
G5-2349	Missing 1135 trap code trap for Phase 3 Power (watts) assert above upper warning	3.3.4	Deferred
G5-2350	False breaker alarms appear on PDU2 on powerup then go away	3.3.4	Deferred
G5-2351	Radius Error Event Log Is Concatenated with Previous Log	3.3.4	Deferred
G5-2352	LCD displays incorrect kW on breakers	3.3.4	Deferred
G5-2377	pdu5IPv4Address is sent as a STRING in trap message but is type IP address in the MIB	3.3.4	Deferred

G5-2558	Trap Description is "unknown" when the "password settings" event is triggered. The username is not added correctly to the event string.	3.3.6	Deferred
G5-2592	SNMP status of "pdug5PowershareInput.1" is on (1) for a non-power share PDU	3.3.6	Deferred
G5-2599	Card ID shown with leading Zeros in the Event Log and SNMP Trap but not in the WebUI	3.3.6	Deferred
G5-2602	Status LED is green while phase power alarms present	3.3.6	Deferred
G5-2603	Events not being received for phase power alarms on daisy chain PDUs.	3.3.6	Deferred
G5-2806	Sensor status is shown as in critical alarm when alarm level is set to Warning. Alarm count and traps are correct state.	3.3.7	Deferred

**G5-52** The snmpwalk seem to end incorrectly. The last item points to itself

The last entry in the SNMP walk is incorrectly terminated. If the user performs a SNMP walk in the entire MIB, the last item will return an error or loop continuously, depending on the application to perform the walk.

*Workaround:* None

**G5-55** ifSpeed does not return the correct speed.

The SNMP oid IF-MIB::ifSpeed.1 is not updated with the operating speed of the Ethernet interface. It always returns 1000.

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

**G5-72** The date format in all the notification don't match the date format described in the system.

The date format in all the notification don't match the date format described in the system. The described format is YYYY/MM/DD, but the format in the event messages are MM/DD/YYYY

*Workaround:* None

**G5-99** The Long Sensor Names don't align nicely in the CLI

The sensor name field in the "dev sensor" command is only 7 characters. When a sensor is named longer than seven characters, the columns in the command will not align nicely.

*Workaround:* Keep sensor names to less than 8 characters.

**G5-168** WebUI responsiveness/ page loading slow at times (Seconds to load pages)

The WebUI can get slow or sluggish. Usually, this is an indication the PDU is performing a task in the background, such as updating the event log.

*Workaround:* Let the PDU finish its task and then continuing the PDU.

**G5-173** DST Transitions do not work 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.

**G5-182** 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 slave PDUs is not shown.

*Workaround:* Use the WebUI to view these sensors.

**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.

**G5-244** 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

**G5-260** 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.

**G5-297** Outlet pdug5OutletWhTimer 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

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

The SNMP can only read the alarm 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

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

**G5-348** pdug5OutletControlCommand SNMP object is fully functional. Delay settings don't work

The delay options in the SNMP outlet control command object, pdug5OutletControlCommand doesn't work.

*Workaround:* None

**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 event.

**G5-551** MPO, MSPO and MS PDUs without circuit breakers do not have the PDU group information in the MIB updated correctly. (pdug5OutletBranch)

PDUs without circuit breakers do not have the pdug5OutletBranch OID updated correctly.

*Workaround:* none.

**G5-584** SNMPv3 time synchronization does not contain OID usmStatsNotInTimeWindows

SNMPv3 time synchronization does not contain OID usmStatsNotInTimeWindows. This could cause synchronizations issues with third party SNMP software.

*Workaround:* none

**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



- G5-617** CLI:"pwr cb 1" doesn't work on PDUs with 0 breakers, but the value for Breaker one shows up on the WebUI
- The CLI command "pwr cb 1" doesn't work on PDUs with out any circuit breakers
- Workaround:* Use the WebUI to see the breaker current.
- G5-620** Threshold Settings for Energy Alarms are off
- Input Energy Alarm Thresholds are off and do not work consistently.
- Workaround:* None.
- G5-734** Resetting Input Phase Energy doesn't work
- Resetting the energy does not reset the input phase energy.
- 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:* none
- G5-900** Total Energy and Energy Since are not updating on the Web UI and SNMP
- Total Energy and Energy Since are not updating on the Web UI and SNMP
- Workaround:* none
- G5-1045** Total Energy is incorrect
- The total energy of the system maybe inaccurate. Some PDUs have left the factory with the initial value higher than 0. This will lead to the total energy count to be high.
- Workaround:* While the initial count seems to be off, incremental values seem to be correct.
- G5-1153** Change OLED sensor scale on daisy chain PDUs only changes scale the on the local PDU's LCD, not the system.

Change the temperature scale on the daisy chained PDUs 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

**G5-1200** pdug5OutletControlPowerOnState response are off by one. The correct value is set

Setting the power on state of an outlet through SNMP responds with a value that is off by one. For example, if the value 2 is sent to the PDU, the PDU will respond with 3. However, the value 2 is properly set.

*Workaround:* none

**G5-1210** Data logging report the wrong date between 00:00 and 01:00 when DST is turned on

Data logging reports the wrong date between 00:00 and 01:00 when DST is turned on

*Workaround:* None

**G5-1240** Total Energy Per Phase does not add up to Total Energy on the Summary page

Total Energy Per Phase does not add up to Total Energy on the Summary page. This is due to rounding errors when summing up the data.

*Workaround:* None

**G5-1251** LCD Phase Current does not match Web UI on 3-phase Delta models

The current on the OLED for 3 phase delta is incorrect.

*Workaround:* Use the WebUI or SNMP



- G5-1291** Radius "admin" user cannot use "User Accounts" page (unique Javascript exception: Uncaught TypeError: Cannot read property 'temperatureunit' of undefined)
- Users logged in as admins through RADIUS cannot access the user account page.
- Workaround:* Log in with the admin account to update the user settings.
- G5-1316** Extra space between PDU number and alarm identifier on most traps.
- There is an extra space in most of the traps.
- Workaround:* none
- G5-1342** Language File length check is not sufficient check for determining corrupted file.
- In rare occurrences, the file system can become corrupted. If the file system becomes corrupt, the OLED screen can become garbled.
- Workaround:* Connect Panduit system support for help on fixing the file system.
- G5-1361** Role user trap (1153) is of type Clear, should be info
- When the informational trap is sent for user role is changed, the trap type is "Clear" and should be informational.
- Workaround:* None
- G5-1368** Alarm for door open by key not RFID holder doesn't work when two handles connected to same PDU.
- Alarm for door open by key not RFID holder doesn't work when two handles connected to same PDU.
- Workaround:* Attach the handle to separate PDUs.
- G5-1429** PDU #1 Alarm LED still Green after AC power loss while connected in a 2-PDU Power Share daisy chain
- The PDU's status LED will indicated there is an alarm if there is a power share alarm. The LED will stay green instead of turning red.
- Workaround:* None

**G5-1431** Unexpected Relay trap when PDU 1 power is restored on 2-PDU Power Share daisy chain

When power is restored to a PDU the system may report loss of relay board, then alarm will clear.

*Workaround:* The trap can be ignored.

**G5-1448** Cannot create more than 195 access users via SNMP due to pdug5HidControlCardIdStr error on set

You can only add the first 195 uses of the complete 200 to the system when configuring the system through SNMP.

*Workaround:* Use the web interface.

**G5-1480** Sensor Loss Communication alerts or Communication OK alerts don't always work correctly when connected to a daisy chain PDU.

The Loss Comm event maybe me loss when a sensor is removed from the PDU. This is more common when a sensor with multiple sense points is removed.

*Workaround:* Poll the state of the PDU over SNMP to get the accurate sensor count.

**G5-1501** SSH fails - user is presented immediately with a popup informing that the ssh connection was reset

Due to an incapatabilty with newer terminal emulators deeming some ciphers new weak, newer versions of terminal servers will not work with the G5 and SSH communication.

*Workaround:* Use version .74 of Putty.

**G5-1508** FW upgrade and Configuration upgrade events may not be seen on remote systems (Traps, Syslog Email). There is a race condition between the network interface going up and the messages being sent.

Some of the early events on the PDU occur before the network interface has been established. This can lead to certain traps being lost. Traps like firmware upgrade and configuration upgrade.

*Workaround:* Check the event log for completion.

**G5-1512** Extra chars in the 'Date' field on the Data log & Event log files copied from the G5 PDU through USB

When the date log is download through the USB interface, extra characters are added to the output.

*Workaround:* Ignore the extra data.

**G5-1515** Non-authorized pin trap 1103 is sent in place of 1102 for pin code length = 16 but handle unlocks correctly

Will long pin codes, there are times with the trap event sent is a "Non-authorized trap" event instead of the "system unlocked" event

*Workaround:* None

**G5-1518** MPO PDU may report wrong value for pdug5OutletControlStatus.

MPO PDU may report wrong value for pdug5OutletControlStatus

*Workaround:* None. MPO outlets can be assumed on.

**G5-1521** PDU with two handles does not show swipe activity for one handle.

PDU system with two handles connect to the same PDU may miss event from one of the handles could be lost.

*Workaround:* Separate the handles onto two PDUs.

**G5-1527** Unexpected events logged when PDU 4 is unplugged from 4-PDU daisy chain

When unplugging a PDU on a 4 PDU system, you may receive extra trap notifications stating other PDUs went lost COMM.

*Workaround:* None. The message will clear in a couple of seconds.

**G5-1529** Two PDU seen on System Management page when only one PDU present.

When a PDU is disconnected from a system, there may be a delay where the WebUI will still show two PDUs.

*Workaround:* Wait till the PDU ages out or reset the system to clear out stall data.

**G5-1649** First letter of the SN is missing when dev handle is used, but dev sensor works correctly.

The first letter of the serial number is missing in the "dev handle" command.

*Workaround:* Use the dev sensor command.

- G5-1650** Cannot Set / Edit sensor name through SNMP for a ACA01 Door sensor (iHandle Door sensor works correctly)

You are unable to set the name of the door sensor connected to the ACA01 sensor.

*Workaround:* None

- G5-1654** User prematurely logged out when sitting idle.

Sometimes a user will be logged out prematurely while sitting idle before the "Session Timeout Value"

*Workaround:* None

- G5-2116** 'Data Log' continues to show PDU 2 long after breaking the daisy chain

Sometimes the data log will continue to display PDUs that are no longer connect to the PDU daisy chain.

*Workaround:* Reset the system after a change to the PDU daisy chain.

- G5-2147** Email alarms sometimes aren't sent - auth is enabled

When lots of Smart Handle alarms are triggered, email alarms from the PDU may not be sent properly, resulting in no email alarm.

*Workaround:* SNMP Traps are not affected when this problem occurs.

- G5-2298** Trap code 1106 for removal of temporary user does not indicate which aisle applies

Trap code 1106 for removal of temporary user does not indicate which aisle applies.

*Workaround:* None

- G5-2300** After a config file upload, PDU #2 power thresholds are at the factory default, not PDU #1 duplicated

After a config file upload, PDU #2 Input, Energy, Phase and Phase Power thresholds are at the factory default, not PDU #1 duplicated.

*Workaround:* None

**G5-2309** False sensor alarm traps when alarms are left enabled before iHandle is disconnected

False sensor alarm traps when alarms are left enabled before iHandle is disconnected.

*Workaround:* Ignore the false sensor alarm traps.

**G5-2340** Power Panel, Core Location, and Core Position settings for PDU #2 are lost after config download/upload

Power Panel, Core Location, and Core Position settings for PDU #2 are lost after config download/upload.

*Workaround:* None

**G5-2349** Missing 1135 trap code trap for Phase 3 Power (watts) assert above upper warning

Missing 1135 trap code trap for Phase 3 Power (watts) assert above upper warning.

*Workaround:* None

**G5-2350** False breaker alarms appear on PDU2 on powerup then go away

When a PDU transition from being on power share to main power, there may be a few erroneous alarms that post and clear.

*Workaround:* Ignore the alarms.

**G5-2351** Radius Error Event Log Is Concatenated with Previous Log

If a RADIUS error occurs, the event log message will be concatenated with the previous message.

*Workaround:* None

**G5-2352** LCD displays incorrect kW on breakers

LCD displays incorrect kW on breakers.

*Workaround:* SNMP and Web UI are correct.

**G5-2377** pdug5IPv4Address is sent as a STRING in trap message but is type IP address in the MIB

pdug5IPv4Address is sent as a STRING in trap message but is type IP address in the MIB

*Workaround:* None

**G5-2558** Trap Description is "unknown" when the "password settings" event is triggered. The username is not added correctly to the event string.

The name of the user that changed the configuration in the PDU is not added to the trap description correctly. This can result in the unprintable characters being added to the description and this can cause the trap receiver tool to not display the trap message.

*Workaround:* None.

**G5-2592** SNMP status of "pdug5PowershareInput.1" is on (1) for a non-power share PDU

The power share input status over SNMP always returns enabled.

*Workaround:* Use the WebUI.

**G5-2599** Card ID shown with leading Zeros in the Event Log and SNMP Trap but not in the WebUI

Card ID is shown with leading Zeros in the Event Log and SNMP Trap.

*Workaround:* None.

**G5-2602** Status LED is green while phase power alarms present

The status LED will stay green while phase power alarms are present.

*Workaround:* None

**G5-2603** Events not being received for phase power alarms on daisy chain PDUs.

Events not being received for power alarms on daisy chain PDUs.



*Workaround:* none

**G5-2806** Sensor status is shown as in critical alarm when alarm level is set to Warning.  
Alarm count and traps are correct state.

Sensor status is shown as in critical alarm when alarm level is set to Warning.  
Alarm count and traps are correct state.

*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
3.1.1	December 14, 2020	First Release supporting G5 Security Handle
3.1.10	April 1, 2021	General Maintenance
3.1.16	September 30, 2021	General Maintenance
3.1.19	February 25, 2022	General Maintenance
3.3.1	July 28, 2022	General Maintenance
3.3.2	September 9, 2022	General Maintenance
3.3.4	August 1, 2023	General Maintenance, Limited Release.
3.3.6	May 16, 2024	General Maintenance
3.4.1	<i>October 24, 2025</i>	General Maintenance