



Generation 3 Gateway Firmware Release Notes 2.07.05

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General

2.07.05 is a general release of the Gen 3 Gateway. This release adds support for Mk1 PDUs and corrects issues with occasional incorrect sensor readings.

Supported Hardware

<i>Model</i>	<i>Required Firmware to support Release</i>	<i>Notes</i>
EPA126 (Eagle-i)	Boot loader v1.04.xx and above Application v1.04.xx and above	
EPA064 (Hawk-i3)	Boot loader v1.11.12 and above Application v1.11.13 and above	
EP042 / 8MB (RackMS)	Not supported	Not Tested
EP042 / 16MB	Boot loader v1.11.12 and above Application v1.11.13 and above	Serial Numbers \geq 12109 Not tested
E24	Supported	Not tested
RMS-Cii	Bootloader 1.10.19 and above	Not tested

Units with applications prior to the revisions specified above should follow the upgrade process for the specified minimum revision prior to attempting to upgrade to this release.

Tested Application Compatibility

<i>Application</i>	<i>Support</i>	<i>Known Limitations</i>
SmartZone	V9.3.0	Under test
DCiQv2.1	Not Supported	Not tested
DCiQv2.5	Not Supported	Not Tested
DCiQv3	Not Supported	Not Tested
BCU	v2.2.4	Tested
Gen3 Config Tool	v1.02.18	Tested
UTLFTPCClient	v1.02.07	Tested

Refer to the individual application release notes for other release compatibility information.

Released Production Files

Product Upgrade

Application Image Information

Filename: Gen3_app_2.07.05.bin

Filesize: 2015953 bytes

CRC32: 38DBB107

SHA256: 72cfa43cd4d2303f06bd1dd712e6f726053e3da3c81f8dad6d78d9059f0d607b

SHA512:

919c4b72123a6ca16ee29627745eed096fef331d372cea05c236871e4d7920a9b3752f2a42e6d

67199d36a428527a95420ac8508538bb0801f5e4bb28b477077

New Features

<i>Issue ID</i>	<i>Title</i>
G3-472	Add Mk1 PDU support to 2.x.x Gateway

Resolved Issues

Issues resolved by version 2.07.05

<i>Issue ID</i>	<i>Title</i>
G3-299	Outputs with inverted inputs cannot be configured or discovered via SNMP
G3-474	Gateway reports incorrect Outlet Amp values
G3-480	Occasional odd temperature readings
G3-492	Invalid Door entry traps from EPA126

Outstanding Issues

New Issues

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

<i>Issue ID</i>	<i>Title</i>	<i>Version</i>	<i>Status</i>
G3-459	PDU Outlet Cycle passwords shorter than 16 characters do not work	2.07.03	DEFER
G3-462	SNMP sets to clampWriteParams can lock out all SNMP communications	2.07.03	DEFER
G3-475	Reboot required when swapping Mk1 PDU with CL-Amp	2.07.04	WONTFIX

G3-459 PDU Outlet Cycle passwords shorter than 16 characters do not work

The PDU outlet cycle password (pduOutPwd) is not updated correctly through SNMP when the size of the new password is shorter than the old password.

Workaround: Use the WebUI to update the password

G3-462 SNMP set to clampWriteParams can lock out all communications

Editing the CL-Amp parameters through SNMP, can lock out all communications to the gateway.

Workaround: Edit CL-Amp parameters through the WebUI. If the communication to the gateway is locked up, the gateway must be reset.

G3-475 Reboot required when swapping Mk1 PDU with CL-Amp

If a Mk1 PDU and CL-Amp are swapped on the fly, the gateway will not be able to detect the change during normal operation.

Workaround: If a Mk1 PDU and CL-Amp are swapped, the gateway must be rebooted for proper discovery and identification of the device.

Existing Issues

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

<i>Old Issue ID</i>	<i>New Issue ID</i>	<i>Title</i>	<i>Version</i>	<i>Status</i>
Bgz25010	G3-44	IP Stack Selection works only in "Dual" mode	2.02.03	WONTFIX
Bgz25063	G3-53	Email messages are always sent following the trap regardless of the configured repeat interval	2.02.03	WONTFIX
Bgz25196	G3-83	Two Save Buttons in Power - Configure - Power Strip Outlets	2.02.06	WONTFIX
Bgz25428	G3-100	Gateway not responding - stops in bootloader application update mode	2.02.07	WONTFIX
Bgz25479	G3-139	Cannot add outlets from PDU 7-24 to a gang from the web UI	2.02.01	WONTFIX
Bgz25520	G3-178	SNMPv1 is not supported	2.02.16	WONTFIX
Bgz25535	G3-192	Logged Out OF Web UI Prematurely	2.04.02	WONTFIX
Bgz25539	G3-196	Cannot cycle through all sensor channels on LCD Display attached to IDM	2.04.02	WONTFIX
Bgz25569	G3-222	PDU Outlets show as orange on 1 of 2 PDUs	2.04.04	WONTFIX
Bgz25720	G3-245	0.0.0.0 in database for a couple fields	2.05.05	WONTFIX
	G3-289	View button for PDU outlets on the PDU status page is not always shown for MPO/MSPO PDUs	2.06.06	DEFER
	G3-299	Outputs with inverted inputs cannot be configured or discovered via SNMP	2.06.06	DEFER
	G3-300	Certificate upload fails "unexpected file system error"	2.06.06	CANNOT REPRODUCE
	G3-389	ACU Timeouts do not function correctly	2.06.06	DEFER
	G3-392	Power / Control page sometimes redraws incorrectly when multiple clients access the page simultaneously	2.06.06	DEFER
	G3-449	Cannot write to pduOutCycle	2.07.02	DEFER
	G3-458	pduMinMaxPeriod is not writeable via SNMP	2.07.03	DEFER

G3-44 IP Stack Selection works only in "Dual" mode

IPv6 is still enabled when IP stack selection is set to IPv4 only. There is no way to disable IPv6 mode.

Workaround: None.

- G3-53** Email messages are always sent following the trap regardless of the configured repeat interval
- Email message are sent immediately if trap type is Informational
- Workaround:* For aggregation of alarms per email set trap type to Critical or Warning.
- G3-83** Two Save Buttons in Power – Configure – Power Strip Outlets
- One button saves the per outlet settings, the second save button has no effect on the outlets configuration
- Workaround:* Use the appropriate save button based on the configuration being changed.
- G3-100** Gateway not responding - stops in bootloader application update mode
- Unit was interrupted during a firmware image update.
- Workaround:* Do not interrupt the unit during a firmware image update.
- G3-139** Cannot add outlets from PDU 7-24 to a gang from the web UI
- PDU Outlet gangs can only be defined for PDUs attached to the Main Gateway. Outlets on PDUs attached to EX18 Expansion units are not supported.
- Workaround:* None.
- G3-178** SNMPv1 is not supported
- Starting with version 2.02.16, SNMPv1 is not supported on the Gateway.
- Workaround:* Use of SNMPv2 or SNMPv3 is supported and preferred.
- G3-192** Logged Out OF Web UI Prematurely
- While configuring contact sensors via the web user was logged out before session timeout time expired. This is unreproducible.

Workaround: Log back in and continue unit configuration. When navigating web pages on the gateway, wait for pages to load before navigating to a new page.

G3-196 Cannot cycle through all sensor channels on LCD Display attached to IDM

The IDM LCD shows the gateway sensor channels plus that IDM's channels, but not a second IDM's sensors.

Workaround: Use LCD on gateway or web UI to see all sensors.

G3-222 PDU Outlets show as orange on 1 of 2 PDUs

In rare cases when switching an outlet, the outlet icon stays orange (unknown state) even though the outlet has indeed turned off.

*Workaround:*None

G3-245 0.0.0.0 in database for a couple fields

0.0.0.0 can appear as a IP address in some Web UI fields preventing the user from updating the configuration on those pages.

Workaround: Delete or blank out the 0.0.0.0 address

G3-289 View button for PDU outlets on the PDU status page is not always shown for MPO/MSPO PDUs

View button for PDU outlets on the PDU status page is not always shown for MPO/MSPO PDUs.

Workaround: Refresh the browser and the button should return.

G3-299 Outputs with inverted inputs cannot be configured or discovered via SNMP

The inverted inputs in the output control cannot be configured or discovered via SNMP.

Workaround: If the invert logic is being used, you must use the WebUI to configure and manage.

- G3-300** Certificate upload fails "unexpected file system error."
- When uploading a HTTPS certificate, the upload fails with "unexpected files system error" or "Failed to open certifiicate file!" This issues was not able to be reproduced.
- Workaround:* none
- G3-389** ACU Timeouts do not function correctly.
- The configurable ACU timeout as not used. All the values are hard coded to 1 second.
- Workaround:* none
- G3-392** Power / Control page sometimes redraws incorrectly when multiple clients access the page simultaneously
- When multiple users are logged onto the system, the PDU Power/Control page can be drawn incorrectly.
- Workaround:* Refresh the page to see it drawn correctly.
- G3-449** Cannot write to pduOutCycle.
- The pduOutCycle OID object is read only in the gateway, but marked read-write in the MIB definition.
- Workaround:* Update this value in the WebUI.
- G3-458** pdusMinMaxPeriod is not writeable via SNMP
- The variable pdusMinMaxPeriod appears in the coniston.mib file as "writeable", however it is read-only.
- Workaround:* Use the web UI to make your changes.

Document History

Revision	Date	Reason for Change
1	July 24, 2019	Initial Version