



Generation 3 Gateway Firmware Release Notes 2.07.03

Contents

General	2
Supported Hardware.....	2
Tested Application Compatibility.....	2
Released Production Files.....	3
Product Upgrade	3
New Features.....	4
New Features added in version 2.07.03	4
Resolved Issues.....	5
Issues resolved by version 2.07.03.....	5
Outstanding Issues.....	6
New Issues	6
Existing Issues.....	7
Document History	10

General

2.07.03 is a CANDIDATE GENERAL RELEASE of the Gen 3 Gateway firmware.

Other issues were resolved to support security enhancements to the web server and to address other defects since the 2.06.06 release.

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	
E24	Supported	
RMS-Cii	Bootloader 1.10.19 and above	

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	V9.1.0	Limited release with branch Circuit metering support
DCiQv2.1	Not Supported	Not tested
DCiQv2.5	Not Supported	Not Tested
DCiQv3	Not Supported	Not Tested
BCU	v2.2.4	
Gen3 Config Tool	v1.02.18	
UTLTFTPClient	v1.02.07	

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

Released Production Files

Product Upgrade

Application Image Information

Filename: Gen3_app_2.07.03.bin

Filesize: 2014609 bytes

CRC32: 4F024ADB

SHA256: A65D58F82F1A04FCDA53E4CEAD8051011C8EF276F50E1A64B6D9633D3BDA59AC

SHA512:

15FA73968632A5DDDEED764068BA4200F29EEDCC0D29E00B6A61E902451DE0634A4A3EBBA644B
4E8DA02481182155848C6A6A260A3E82D1E6AC2178E2A1A5020

New Features

New Features added in version 2.07.03

<i>Issue ID</i>	<i>Title</i>
G3-408	Event Log Year Drop Down List Ends at 2019
G3-411	There should be a visual way on the WebUI to tell if a PDU is missing.
G3-412	There should be an alarm when an outlet is turned off and the outlet is measuring current.
G3-414	Allow IDM upgrade even if the ACU port is disabled

- G3-408** The event log filter now allows selections up to 2029.
- G3-411** When a PDU is configured but appears to be missing, the PDU status page will indicate the that PDU is not connected by showing the name of the PDU in red. If the mouse hovers over the name of the PDU, a help text saying “Not Connected” is shown.
- G3-412** If an outlet is configured off, but the PDU detects that there is current still flowing across the outlet, the outlet will be shown in red on the Power Control page.
- G3-414** Previously an IDM could only be upgraded if the ACU port it was connected to was enabled. Now when upgrading the firmware on the IDM, both IDMs will be upgraded regardless of the configuration of enable/disable state of the ACU port.

Resolved Issues

Issues resolved by version 2.07.03

Old Issue ID	New Issue ID	Title
	G3-435	Hidden web page Config/Version.html fails to show Micro controller version
	G3-433	Default build settings changes were committed that need to be reverted
	G3-431	PDU and IDM upgrades not working
	G3-421	Stuck outlet detection issue. 1. A new MIB was is available with this release that includes the 'failedStuck' state for an outlet (pduOutOn MIB object).
	G3-417	CAS-446337-D9P7Q1 Unable to upgrade IDM firmware reliably using TFTP
	G3-415	Invalid timestamp in traps
	G3-413	IDM upgrade failure
	G3-410	CAS-462303-D4M3D2 EPA126 2.06.06 devices stop responding to SNMP v3 polls. sysDescr MIB object was slightly modified to remove any unnecessary blank spaces. The old sysDescr reported: Sinetica Eagle-i. Versions: App. 2.06.06, OS 7.5.2.2, Btldr 1.10.19, H/w ZBHIEIBB-01 v1.02.02 While the new one reports: Sinetica Eagle-i. Versions: App. 2.07.03, OS 7.5.2.2, Btldr 1.11.12, H/w ZBHIEIBB-01 v1.02.02
	G3-407	CAS-400345-P2K4C6 - IDM firmware upgrade fails with port not enabled.
	G3-402	CAS-299300-B5X6D2 - CAS-302751-S4P3H1 - Gateway loses password when configuring settings that require reboot.
26035	G3-297	CAS-92237-C3Z3G9 - Unable to add IDM Inputs 25 & 26 to Boolean logic for outputs
25996	G3-296	ID CAS-67978-Q1F8B1 -Trap error returned is invalid
25908	G3-290	MTS Id (list directory) command causes a system crash
25901	G3-285	If a user enters invalid base64 data for the HPKP key, the field doesn't empty out like it should
25893	G3-278	At every bootup, the volume label is rewritten, triggering a flash erase/write
25890	G3-276	Cold start trap not sent
25871	G3-266	PDU inaccessible due to race condition in gateway

Outstanding Issues

New Issues

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

New Issue ID	Title	Version	Status
G3-289	View button for PDU outlets on the PDU status page is not always shown for MPO/MSPO PDUs	2.07.03	Deferred
G3-299	Outputs with inverted inputs cannot be configured or discovered via SNMP	2.07.03	Deferred
G3-389	ACU Timeouts do not function correctly	2.07.03	Deferred
G3-392	Power / Control page sometimes redraws incorrectly when multiple clients access the page simultaneously	2.07.03	Deferred
G3-449	Cannot write to pduOutCycle	2.07.03	Deferred
G3-458	pduMinMaxPeriod is not writeable via SNMP	2.07.03	Deferred

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.

G3-389 ACU Timeouts do not function correctly.

The configurable ACU timeout is 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.

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>
Bgz25720	G3-245	0.0.0.0 in database for a couple fields	2.05.05	WONTFIX
Bgz25569	G3-222	PDU Outlets show as orange on 1 of 2 PDUs	2.04.04	WONTFIX
Bgz25539	G3-196	Cannot cycle through all sensor channels on LCD Display attached to IDM	2.04.02	WONTFIX
Bgz25520	G3-178	SNMPv1 is not supported	2.02.16	WONTFIX
Bgz25479	G3-139	Cannot add outlets from PDU 7-24 to a gang from the web UI	2.02.01	WONTFIX
Bgz25063	G3-53	Email messages are always sent following the trap regardless of the configured repeat interval	2.02.03	WONTFIX
Bgz25010	G3-44	IP Stack Selection works only in "Dual" mode	2.02.03	WONTFIX

<i>Old Issue ID</i>	<i>New Issue ID</i>	<i>Title</i>	<i>Version</i>	<i>Status</i>
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
Bgz25535	G3-192	Logged Out OF Web UI Prematurely	2.04.02	WONTFIX

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

G3-222 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

G3-196 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.

G3-139 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.

G3-53 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.

G3-44 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.

G3-83 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.

G3-192 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.

Document History

Revision	Date	Reason for Change
1	March 11, 2019	Initial Version