

GRIDSTREAM

COMMAND CENTER™

RELEASE NOTES

Release 7.2 Maintenance Release 3

Publication: 98-2147 Rev AA

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PURPOSE OF THIS MAINTENANCE RELEASE

This is the third maintenance release (MR3) for Command Center 7.2.

SUPPORTED SOFTWARE, DEVICES AND FIRMWARE

Software

The following software is supported in the Command Center 7.2 MR3 release:

Command Center 7.2 MR3 Companion Component Versions	
Command Center	7.2.4.6
Integration Suite	7.2.4.3
SBS Adapter (RF Mesh IP)	1.0.29.3
ABNT Adapter (Brazil)	1.0.13.3
ANSI Adapter (RF Mesh IP)	7.2.4.3
Capability Service (RF Mesh IP)	7.2.4.3
CM (Brazil)	7.2.4.3
M2M Adapter	1.0.32.3

DEVICES

Supported Residential Electric Endpoints

- Landis+Gyr FOCUS AX Modular
- Landis+Gyr FOCUS AX Integrated
- Landis+Gyr FOCUS AL
- Landis+Gyr FOCUS AL 2G
- Landis+Gyr Enhanced FOCUS AX Modular (includes the new 4MB and 8MB flash versions)
- Landis+Gyr Enhanced FOCUS AX Integrated
- Landis+Gyr Enhanced FOCUS AXe
- Landis+Gyr Integrated G5 FOCUS Axe
- Landis+Gyr G5 FOCUS AXe
- Landis+Gyr G5i FOCUS AXe
- Elster REX Universal
- Enhanced Cellular FOCUS AXe
- Enhanced Cellular U1200
- Enhanced Cellular U1300
- Enhanced Cellular U3350
- Enhanced Cellular U3400
- Series V U1200 RF SBS
- Series V U1200 RF SBS
- Series V U3400 RF SBS
- Series V U3350 RF SBS

Supported C&I Electric Endpoints

- Landis+Gyr S4e
- Landis+Gyr S4x
- Landis+Gyr G5 S4x
- Landis+Gyr G5i S4x
- Landis+Gyr FOCUS AX Polyphase
- Landis+Gyr Enhanced FOCUS AX Polyphase
- Landis+Gyr Enhanced S4e
- Elster A3
- Enhanced Elster A3
- GE kV2c
- Enhanced GE kV2c
- G5i E650 G2

Supported Water Endpoints

- Two-Way Water
 - Pit module
 - Wall module
 - Interpreter

Supported Gas Endpoints

- RF Mesh
 - Two-Way Gas Residential M120
 - Two-Way Gas C&I M220
 - Two-Way Pressure and Temperature Gas Module M250
 -
- RF Mesh IP
 - Two-Way Gas Residential M120i
 - Two-Way Gas C&I M220i
 - Two-Way Pressure and Temperature Gas Module M250i

Supported Network Equipment

- Series 3 Router
- Series 4 Router
- Series 5 Router
- Universal Mesh Extender (UME)
- Series 3 Collector
- Collector C6400 Series
- Collector C6500 Series
- Collector C7400 Series
- Collector C7500 Series
- Series 3 Concentrator
- Series 4 Concentrator
- Series 3 IWR
- Series 4 IWR
- Series 5 IWR
- DA Devices
- Network Node

FIRMWARE

The following products are qualified and available for upgrades with use in Command Center version 7.2:

RF Mesh Products

The following products are qualified and available for upgrades with use in Command Center version 7.2:

Endpoints

Hardware Type	Firmware Version	DCW Identification	DCW Filename	Metrology	ZigBee
FOCUS AX Modular	11.56	1B0D.11.58	FAXG.11.58.hex	5.39	2.00.07
Enhanced FOCUS AX Modular (Series 4) (includes the new 4MB and 8MB flash versions)	11.56	1F0D.11.58	FAXG.11.58.hex	5.39	2.04.14
Enhanced FOCUS AXe (Series 4)	11.56	1F0D.11.58.0014	FAXG.11.58.hex	5.69	2.04.14
G5 FOCUS Axe (Series 5)	11.56	240D.11.58.0014	FAXG.11.58.hex	5.69	2.04.14
G5 Integrated FOCUS AXe (Series 5)	11.56	240D.11.58.0014	FAXG.11.58.hex	5.69	2.04.14
Integrated FOCUS AX	11.56	1A01.11.58	FAXG.11.58.hex	5.38	2.00.07
Enhanced Integrated FOCUS AX (Series 4)	11.56	2001.11.58	FAXP.11.58.hex	5.47	2.04.14
FOCUS AL	11.56	1B0C.11.58	FALG.11.58.hex	3.34 ¹	NA
FOCUS AL 2G	11.56	1603.11.58	FAL2.11.58.hex	3.34 ¹	NA
Enhanced REX Universal (Series 4)	11.56	2301.11.58	REXU.11.58.hex	1.8	2.04.14
REX Universal (Series 5)	11.56	3301.11.58	REXU.11.58.hex	1.8	2.04.14

¹ The 3.34 is a decimal interpretation of the 3.22 hexadecimal values, which is tracked in the FOCUS AL metrology.

Hardware Type	Firmware Version	DCW Identification	DCW Filename	Metrology	ZigBee
Elster A3	11.56	1801.11.58	EA3G.11.58.hex	5.3	NA
Enhanced Elster A3 (Series 4)	11.56	1F01.11.58	EA3G.11.58.hex	5.3	2.04.14
GE kV2c	11.56	1802.11.58	kV2G.11.58.hex	4.00	NA
GE kV2c (v1.0.1)	11.56	1806.11.58	kV2G.11.58.hex	4.00	NA
Enhanced GE kV2c (Series 4)	11.56	1F02.11.58	kV2G.11.58.hex	4.11	2.04.14
S4e	11.56	1804.11.58	S4eG.11.58.hex	6.34 ²	NA
Enhanced S4e (Series 4) (includes the 4MB and 8MB flash versions)	11.56	1F04.11.58	S4eG.11.58.hex	6.34 ²	2.04.14
Enhanced S4x (Series 4)	11.56	1F0D.11.58.0008	S4xG.11.58.hex	8.13	2.04.14
G5 S4x (Series 5)	11.56	240D.11.58.0008	S4xG.11.58.hex	8.13	2.04.14

Network Equipment

The following products are qualified and available for upgrades with use in Command Center version 7.2:

Hardware Type	Firmware Version	DCW Identification	DCW Filename	Metrology	ZigBee
Series 3 Router	11.56	1501.11.58.0010	Rout.11.58.hex	NA	NA
Series 4 Router	11.56	1D01.11.58.0010	Rout.11.58.hex	NA	NA
Series 5 Router	11.56	2101.11.58.0010	Rout.11.58.hex	NA	NA
Collector Application	4.8.17	NA	NA	NA	NA
Series 3 Collector	11.56	157F.11.58.0011	Coll.11.58.hex	NA	NA
C7400 Collector	11.56	1D7F.11.58.0011	Coll.11.58.hex	NA	NA
C7500 Collector	11.56	217F.11.58.0011	Coll.11.58.hex	NA	NA

² The 6.34 metrology firmware for the S4e is not available Over-the-Air (OTA).

Hardware Type	Firmware Version	DCW Identification	DCW Filename	Metrology	ZigBee
C6400 Collector	11.56	1D7F.11.58.0011	Coll.11.58.hex	NA	NA
C6500 Collector	11.56	217F.11.58.0011	Coll.11.58.hex	NA	NA
Series 3 IWR	11.56	NA	NA	NA	NA
Series 4 IWR	11.56	NA	NA	NA	NA
Series 5 IWR	11.56	NA	NA	NA	NA
Series 3 Concentrator	11.56	1501.11.58.0012	Conc.11.58.hex	NA	NA
Series 4 Concentrator	11.56	1D01.11.58.0012	Conc.11.58.hex	NA	NA
Network Node (N500)	11.56	NA	NA	NA	NA
G5 LRL Streetlight	11.56	2D0B.11.58.012B	DAGW.11.58.hex	NA	NA
Comms Adapter	11.56	2614.11.58.001A	CADP.11.58.hex	NA	NA

RF Mesh IP (SBS) Products

The following products are qualified and available for upgrades with use in Command Center version 7.2.

Electric

Hardware Type	Module Firmware	Firmware/DCW RF Mesh IP Bundle	Metrology	ZigBee
G5i FOCUS AXe (Series 5)	NA	12.66/12.77	5.69	2.04.14
G5i Integrated FOCUS AXe (Series 5)	NA	12.66/12.77	5.69	2.04.14
G5i S4x (Series 5)	NA	12.66/12.77	8.13	2.04.14

SOUTH AMERICA

Hardware Type	Module Firmware	Firmware/DCW RF Mesh IP Bundle	Metrology	ZigBee
G5i SGP+M IWR	NA	12.66/12.77	NA	NA
G5i Cabinet Meter SPG+M	NA	12.66/12.77	NA	NA
G5i 3 rd party meters IWR	NA	12.66/12.77	NA	NA
G5i Power Vault IWR	NA	12.66/12.77	NA	NA
G5i Recloser IWR	NA	12.66/12.77	NA	NA
G5i E430 ABNT	NA	12.66/12.77	1.28	NA
G5i E450 ABNT	NA	12.66/12.77	1.28	NA
G5i E650 G2 ABNT	NA	12.66/12.77	1.04 ³ 1.18 ⁴	NA
G5i E750 G2 ABNT	NA	12.66/12.77	1.18	NA

³ Energy Balance

⁴ Inmetro Version

ASIA- PACIFIC

Hardware Type	Module Firmware	Firmware/DCW RF Mesh IP Bundle	Metrology	ZigBee
Series V U1200 RF SBS	NA	12.66/12.77	05.05.Rx	NA
Series V U1300 RF SBS	NA	12.66/12.77	05.05.Rx	NA
Series V U3400 RF SBS	NA	12.66/12.77	05.05.Rx	NA
Series V U3350 RF SBS	NA	12.66/12.77	05.05.Rx	NA

Network Equipment

Hardware Type	Module Firmware	Firmware/DCW RF Mesh IP Bundle	Metrology	ZigBee
G5i Router	NA	12.66/12.77	NA	NA
G5i Collector Radio	NA	12.66/12.77	NA	NA
Collector Application (C6500-Series and C7500-Series)	NA	2.5.18	NA	NA
Collector Application (N Series)	NA	2.6.15	NA	NA
Network Node (N550) ⁵	NA	12.66	NA	NA
Comms Adapter	NA	12.66/12.77	NA	NA

Gridstream PLX

Hardware Type	Firmware Version	Metrology
Collector 3000	6.0.1.247 / 3.01.19.3000 / 3.01.21.3000	NA
FOCUS AL	9.20	3.34
FOCUS AX, AX-SD	9.20	5.35, 5.37
S4e	9.20	6.32

⁵ Series 5 Single Board Radio (SBR)

Gridstream PLC (TS2)

Hardware Type	Firmware Version	Metrology
SPU 2000 – VxWorks	2.15.0.60 / 2.12.35	NA
SPU 2000 – Linux	4.3.2.31 / 2.12.33	NA
Collector 3000 – VxWorks	2.15.0.60 / 2.3.14.3000	NA
Collector 3000 – Linux – Old Hardware	4.3.2.31 / 2.03.14.3000	NA
Collector 3000 – Linux – New Hardware	6.0.1.247 / 2.03.14.3000	NA
Remote Service Switch (RSS)	9	NA
Load Control Switch (LCS)	13	NA
GE kV2c	40	4.0 or later
Itron Centron	30	NA
Standard AMR	22	NA
FOCUS AL	25	2.32
FOCUS AX, AX-SD/ZigBee	21/10	5.34 only
S4e	49	7.18

TS1

Hardware Type	Firmware Version	Metrology
SPU 1000 – VxWorks	2.15.0.60/1.10.3	NA
SPU 1000 – VxWorks	2.15.0.60/1.10.3	NA
SPU 1000 – Linux	4.3.2.31 1.10.03	NA
Collector 3000 – VxWorks	2.15.0.60/1.7.9.3000	NA
Collector 3000 – Linux – Old Hardware	4.3.2.31/1.07.09.3000	NA
Collector 3000 – Linux – New Hardware	6.0.1.247 / 1.07.09.3000	NA

Hardware Type	Firmware Version	Metrology
TS1 S4e	7	7.12
TS1 DRR GE Kv2C	19	4.0
TS1 Mechanical	4	NA

PLC Tool

Hardware Type	Firmware Version	Metrology
OptoWand+	21	NA

DEFECTS RESOLVED

Fixes contained in this maintenance release are:

Command Center

TFS Ticket ID	CRM Ticket ID	Title
515380	CAS-302362	In the interval data extract, for RF Mesh IP Two-way Gas GRP-PT, duplicate readings were extracted for the Daylight Saving Time (DST) time. (RF Mesh, Gas)
550231	CAS-305118	Command Center was not displaying time correctly for UTC +10 Guam.
645925		When importing a blank Installation Data File (IIF) file, validation was not being applied, which resulted in an object reference error being displayed.
646945	CAS-310310	CIM 2nd Edition - Brazil FK7 readings were not properly formatted for Load Profile requests to the database. (Brazil)
664410	CAS-323917	Clicking on the event "Voltage Alert Threshold" on the AMI Dashboard resulted in an error. The same error occurred when accessing Reporting→Validation Group Report→Voltage Alert Threshold.
668965	CAS-321308	When removing meters from service to Inventory, meters were not disassociating the Map Location and the Grid Location data.
670414	CAS-335208	Users were not able to remove Service Location information through the user interface while editing the device properties.
675626	CAS-336655	The scheduled Incremental Daily Read Extract was not running at the correct scheduled time after Daylight Saving Time (DST).
677915	CAS-337432	The Command Center user interface was not displaying all User Defined Addressing Groups due to hard coded group ID.
680534	CAS-335020	When configuration group updates were made via web service, the Command Center user interface did not display updated configuration group parameters on the Security tab.

TFS Ticket ID	CRM Ticket ID	Title
685010	CAS-330843	When programming a TS2 Load Control device using the Endpoint, Administration Software (EAS) in Mountain Time (time zone) was putting incorrect start and end times for triggered events. (PLC)
685582	CAS-339035	All collectors on the Logical View of the System Map were not being displayed. (RF Mesh/RF Mesh IP)
685637	CAS-339182	When Organization Data Extract Setting for Decimal Rounding is checked to Suppress Rounding, the billing extract was rounded incorrectly.
686661	CAS-334092	Time of Use (TOU) Holidays were being stored incorrectly when programming devices using the Endpoint Administration Software, when Command Center was in Central Time and EAS was in Mountain or Pacific time. (PLC)
687529	CAS-331553	An error occurred when the Gridstream Integration Suite received a DASCADA response without a valid INTGMSGID.
689005	CAS-341650	The Command Center Brazil FK7 Daily Verification ReadDate was stored as an incorrect date. (RF Mesh IP, Brazil)
689009	CAS-341662	The Command Center Brazil FK7 Daily Verification Readings were being requested by the system more than once a day, even when Command Center has received the response. (RF Mesh IP, Brazil)
689603	CAS-342157	The Get Collector Settings command was failing when sending from the Collector Group Commands. (RF Mesh, RF Mesh IP)
689631	CAS-340692	After receiving the response for the Get Endpoint Configuration command, configuration group information for the S4x meters was being blanked out.
689739	CAS-338060	CIM 2nd Edition – Power Restore events for collectors were going out as meter events. Collector Power Restore events now have a separate CIM 2nd Edition ID: 10.26.0.216.
690254	CAS-336544	The TS2 PLC collector downloads were failing due to a null value intervalStartDate in the IntervalDataLatestValues table.
690369	CAS-133713	User activities in Endpoint Configuration Audit Report were not logged with the correct timestamps causing problems with display in incorrect order.
690422	CAS-338718	Commands listed for devices under the Manage tab of the Endpoint Information screen were duplicated.
690885	CAS-338982	After issuing a broadcast command, duplicate entries were being displayed on the Manage tab of the Endpoint Information screen.
691040	CAS-341844	The Event Extract had been modified to return TenantId, which caused an extra field of 1 added to the end of the Event Extract file.
692441	CAS-341295	After upgrading the FOCUS AXe meter to metrology 5.69, the Optical Lockout Command with option "Get Optical Lockout Current Status" was not parsing the response correctly and was displaying incorrect response.
692700	CAS-342450	CIM 1 st Edition MeterReadings command was resulting in a ReadingType error.
694425	CAS-342953	Users were not able to change the billable status of readings on the Meter History Viewer screen.

TFS Ticket ID	CRM Ticket ID	Title
695519	CAS-339648	While issuing the "Modify Meter Program" command to a group of meters (more than one endpoint), the program payload was being assigned to only last endpoint in the group. (RF Mesh IP, Brazil)
698280		The Command Center UI was showing TS2 PLC Configuration Group Details as "nampacketdef" instead of friendly name for "Packet Definition Name". (PLC)
698404 693338 650067	CAS-343134 CAS-325686	<p>MultiSpeak: GetReadingsByMeterNo – Added a readingValue section to the response to include kVA and kWh with decimal precision.</p> <p>Example of this new section:</p> <pre> <readingValues> <readingValue> <units>kVA</units> <value>1.4983</value> <name>presKVA</name> </readingValue> <readingValue> <units>kWh</units> <value>20680.5831</value> <name>kWh</name> <fieldName>posKWh</fieldName> </readingValue> </readingValues> </pre>
698421	CAS-342956	Organization Location drop down selection information was missing from the Collector's user interface for TS2 collectors. (PLC)
699250	CAS-343816	The Reporting→Billing File Integration screen was resulting in error.
699523	CAS-333051	After implementing Microsoft SQL database partitioning on the Command Center CentralServices database, the Daily Extract File creation time has increased.
701044	CAS-335782	Command Center was not marking the demand reset process as failed when the Demand Reset count was not increasing.
701306	CAS-342397	Errors are displayed when importing manufacturer data file (MMF) as Electric type for some meter types. (RF Mesh IP)
701697	CAS-342875	Values on the Readings tab in Command Center were showing as rounded values with 4-digit precision past the decimal point and not 6

TFS Ticket ID	CRM Ticket ID	Title
		digits of precision past the decimal point as is saved in the database.

CONTACTING LANDIS+GYR SUPPORT

Contact the Landis+Gyr Customer Experience Team at 888-390-5733 for questions or assistance.

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