

GS2L firmware releases notes

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1 Release notes

1.1 Ver. 1.5.7 (2024-01-15)

- Start migration from host provisioning to docker container
- First release

1.2 Ver. 1.5.8 (2024-01-30)

- CI created for automated building

1.3 Ver. 1.5.9 (2024-02-12)

- Fully migrated to docker
- Fix slow build times on CI

1.4 Ver. 1.5.10 (2024-02-12)

- Internal release

1.5 Ver. 1.5.11 (2024-02-21)

Docker changes

- Change used protocol on TT-SF side from JSON to CSV - consumes less UART bandwidth

Host changes

- Nothing

1.6 Ver. 1.5.12 (2024-02-22)

Docker changes

- Sending LTE parameters

Host changes

- Nothing

1.7 Ver. 1.5.13 (2024-02-28)

Docker changes

- Minor project structure cleanup

Host changes

- Nothing

1.8 Ver. 1.5.14 (2024-02-28)

Docker changes

- Add STATION topic
- Fix sending some fields from empty string instead of None

Host changes

- Nothing

1.9 Ver. 1.5.15 (2024-02-28)

Docker changes

- Change commands for TT receiving serial port
- Remove Idme watchdog

Host changes

- Nothing

1.10 Ver. 1.5.16 (2024-03-08)

Docker changes

- Fix leaving LTE thread running
- Fix UAT bug in CSV to JSON

Host changes

- Add watchdog mechanism

1.11 Ver. 1.5.17 (2024-03-11)

Docker changes

- Fix connecting MQTT fails first time

Host changes

- Add automation for updating stations

1.12 Ver. 1.5.18 (2024-03-15)

- Minor cleanup

1.13 Ver. 1.5.19 (2024-03-26)

Docker changes

- Fix header for JSON lines
- Fix userServer password for MQTT not changed
- Fix userServer parsing Port as float
- Change userServer paths to Config.py

Host changes

- Nothing

1.14 Ver. 1.5.20 (2024-04-02)

Docker changes

- Add Telit LTE parameters grabbing

Host changes

- Add Telit LTE parameters grabbing

1.15 Ver. 1.5.21 (2024-04-10)

Docker changes

- Add extended logs from containers

Host changes

- Nothing

1.16 Ver. 1.5.22 (2024-04-23)

Docker changes

- Updated IdME

Host changes

- Nothing

1.17 Ver. 1.5.23 (2024-04-25)

Docker changes

- Sending BT4 DroneId messages

Host changes

- Nothing

1.18 Ver. 1.5.24 (2024-05-06)

Docker changes

- Station parses GNSS frames and sends its position

Host changes

- Nothing

1.19 Ver. 1.5.25 (2024-05-16)

- Major device provisioning cleanup

Docker changes

- Updated ADSB/FLARM subsystem firmware
- Added ability to customize IP address used to check for network connection
- Change in conf.json file format

Host changes

- Added ability to customize IP address used to check for network connection
- Change in conf.json file format

1.20 Ver. 1.5.26 (2024-05-21)

Docker changes

- Verify MQTT health during connection and retry if fails

Host changes

- Nothing

1.21 Ver. 1.5.27 (2024-05-21)

Docker changes

- Nothing

Host changes

- Add snmp server for host monitoring
- Add zabbix-agent2 server for host and docker monitoring
- Configured locales for en_US.UTF-8

1.22 Ver. 1.5.28 (2024-05-22)

Docker changes

- Add setting time from GNSS

Host changes

- Add setting time from GNSS

1.23 Ver. 1.5.29 (2024-05-31)

Docker changes

- Add configuration for modules on USB

Host changes

- Add configuration for modules on USB

1.24 Ver. 1.5.30 (2024-06-07)

Docker changes

- Fixed connecting to MQTT over LTE

Host changes

- Nothing

1.25 Ver. 1.5.31 (2024-06-10)

Docker changes

- Ping address for testing network moved to GUI settings

Host changes

- Ping address for testing network moved to GUI settings

1.26 Ver. 1.5.32 (2024-06-14)

Docker changes

- Always parsing GNSS for STATION topic, even if taking time from GNSS is off

Host changes

- Nothing

1.27 Ver. 1.5.33 (2024-06-24)

Docker changes

- Added parsed frames statistics

Host changes

- Nothing

1.28 Ver. 1.5.34 (2024-07-08)

Docker changes

- Added possibility to disable GPIO and I2C support through environment variables
- Compile image for 3 architectures
 - linux/amd64

- linux/arm/v7
- linux/arm64

Host changes

- Nothing

1.29 Ver. 1.6.0 (2024-07-19)

Docker changes

- Fixed statistics in mode without I2C

Host changes

- Nothing

1.30 Ver. 1.6.1 (2024-07-19)

Docker changes

- Fixed STATION frames in mode without I2C

Host changes

- Nothing

1.31 Ver. 1.7.0 (2024-08-08)

Docker changes

- Updated IdME, receiving more drones
- Fixed IdME frames statistics

Host changes

- Nothing