



RigiCloud Release Notes - 1.20

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Date: September 4, 2026

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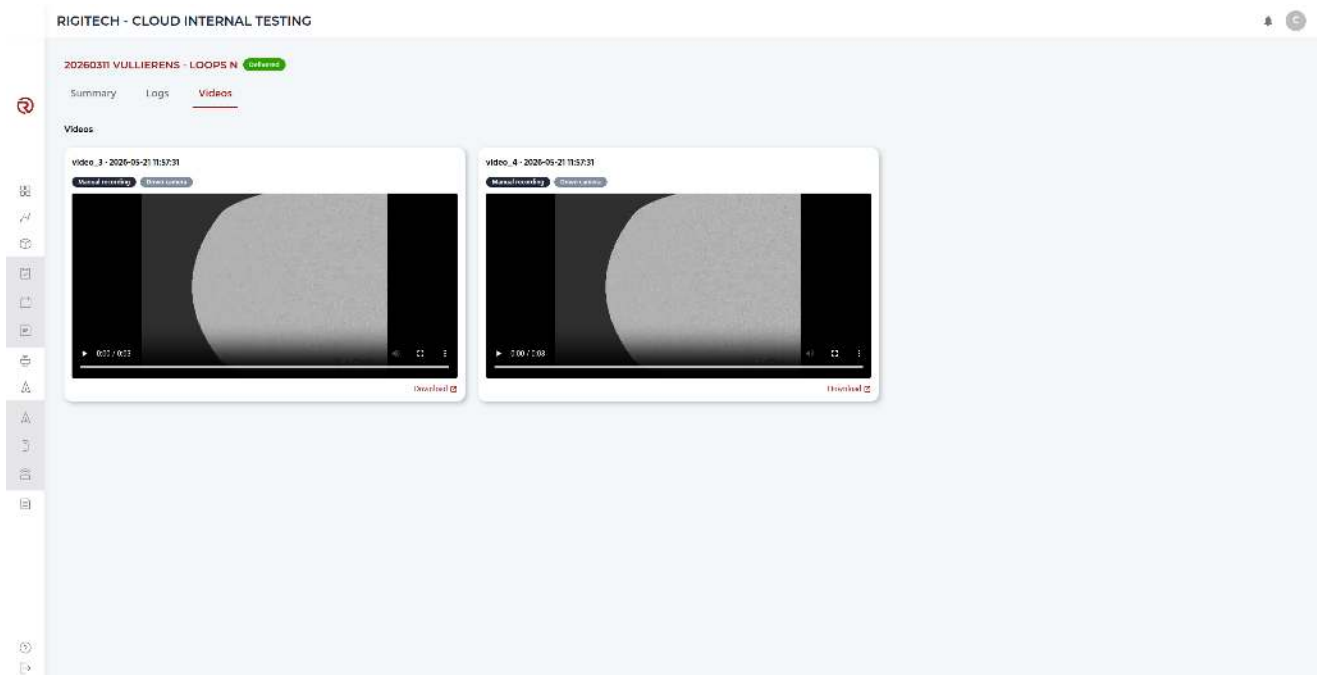
Quarterly release - 2026-09-07

Information on software updates, hotfixes and documentation is available in [Zendesk](#).

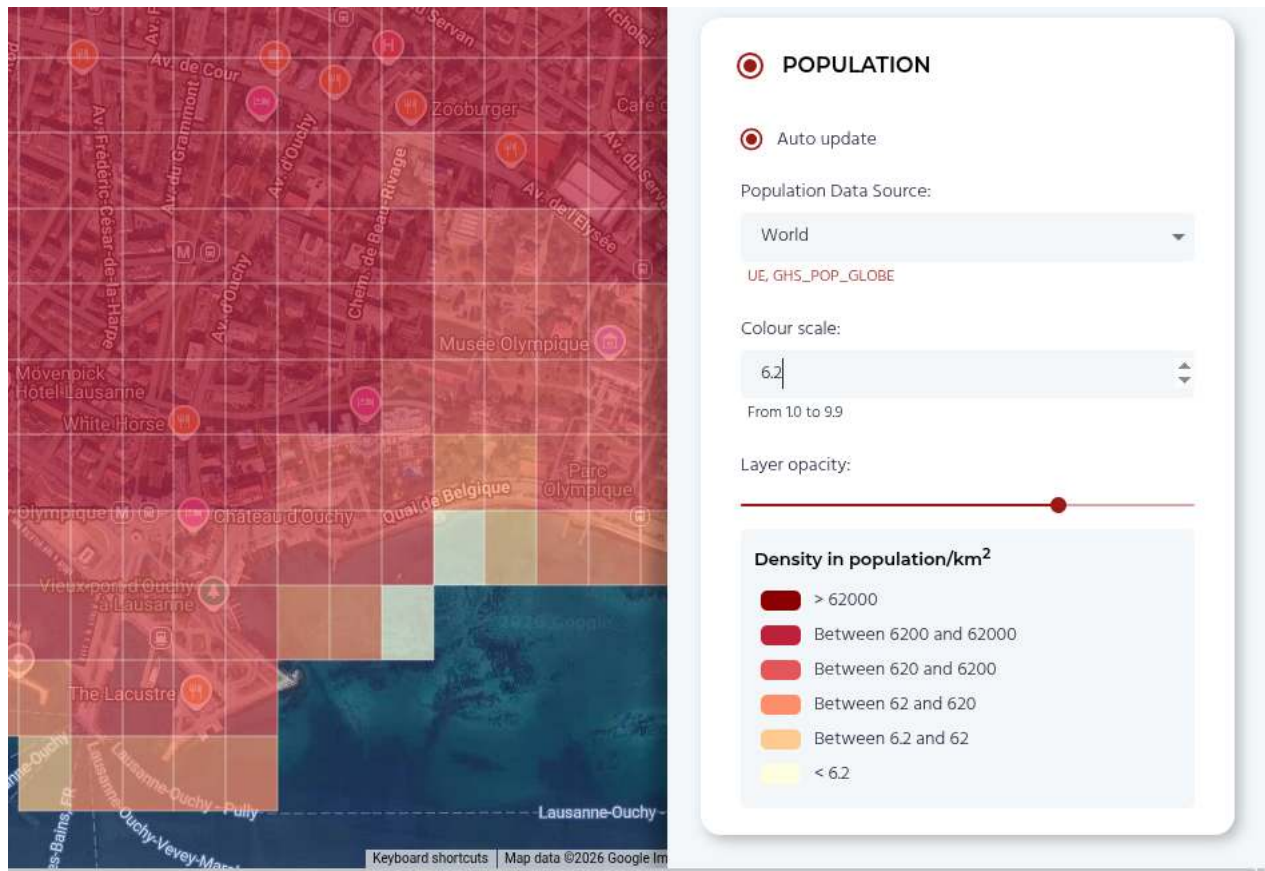
RigiCloud and Edge Node - v1.20.0:

New features

- **Operation details in RigiCloud:** A new operation details page brings the complete operation into one place, including links to its associated videos.



- **Improved Control Tower mission awareness:**
 - The current target position is now always visible, so operators can see where the drone is heading.
 - The current target rally-point is highlighted and refreshed every five seconds, making the next destination clear before an SRP action is taken.
- **Population-density map controls:** Operators can adjust the population-density scale in the map to better assess route risk.



Fixed/Improved

- Custom drone software versions are now reported as version-custom.
- Takeoff and landing checks now use the same logic, with an additional validation check for precision pad usage in the planner.
- The air-traffic warning has been repositioned so it does not overlap the camera view.
- The 'Kill motors' and 'Soft reboot' commands can now be sent over both the primary and backup links.
- RigiCloud internal service calls have been reworked for a more reliable and efficient communication.
- General bug fixes and reliability enhancements across systems.

Onboard software (OC) - v1.5.0:

New features

- **Automatic cellular APN configuration:** RigiCloud can now retrieve the APN from the SIM card database, making setup and SIM changes easier. This follows the Android database and should work with the same SIMs supported by Android devices.
- **GNSS firmware update:** The rear GNSS receiver is updated to UBX HPG 1.51 and (where applicable) RTK is re-enabled on it.

Fixed/Improved

- The FTS check is now one second longer to improve motor failure detection.
- The update files are now smaller, reducing update time.
- General bug fixes and reliability enhancements across onboard systems.

Autopilot (AP) software - v2.13.0:

Fixed/Improved

- More data is now logged for post-flight analysis of radio-frequency interference.
- Fixed a U-turn transition from Hold to CO that could cause a navigation failure.
- Arming is now prevented when a pusher motor failure has already been detected.
- Improved Eiger-03 fixed-wing attitude and rate tracking for smoother, more accurate flight.
- Fixed integrator gain of the altitude and velocity controller, reducing the risk of losing control without an airspeed sensor.
- The front-transition timeout now accounts for air density, improving behaviour at high altitude and in hot conditions.
- General bug fixes and reliability enhancements across autopilot systems.

Failsafe Computer (FS) firmware - v1.5.0:

Fixed/Improved

- Added a customer-facing FS SIM status message.
- General bug fixes and reliability enhancements across failsafe systems.

Hotfixes: