

Field Service Bulletin

FSB Number: 6000124

Revision: A

Date: 1/16/2024

Description: New Android 14 tablet for Teal Air Controller

Priority: Safety Critical Mission Critical Informative

Purpose: To describe the hardware and software user interface changes in the new Android 14 TAC tablet and provide related guidance for Remote ID compliance.

Action: Review the updates for a better user experience and provide guidance as to Remote ID compliance.

Scan the QR code below to review the updated Operator's Manual.



IMPACT

System Safety Impact: No impact

Mitigation: Update Operator's Manual

Airworthiness Impact: No impact

Compliance Impact: No impact, Provided the RPIC verifies the performance of the Remote ID system prior to, and during each flight in the manner specified by the Operator's Manual.

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BACKGROUND & DESCRIPTION

Teal's TAC has a new Samsung tablet with new hardware and software for Android 14. These updates affect the UX and RID compliance requirements.

As of January 19 2024, the Teal Air Controller (TAC) ships with an updated display, processor, and operating system, Android 14.

The changes include:

- A new splash screen.
- An easy to access home screen.
- Easier access to applications. All applications are now accessible on the main screen.
- New GPS module and firmware that feed the operator location and altitude message elements in Remote ID equipped drones.
- Exiting Kiosk mode for end users is no longer needed. If necessary, Teal Drones Technical Support team will help you exit KIOSK mode during a troubleshooting process.

Remote ID Compliance

For UAs equipped with Remote ID, testing has been performed in accordance with ASTM-F3586-22 demonstrating compliance with FAA Part 89 regulations and demonstrating performance equivalency with FAA Remote ID Declaration of Compliance Number: [RID000000454](#) and subsequent amendments. Any Teal 2 UA listed in the DOC may be flown with the TAC described in this document, even if it was shipped with an earlier TAC version.

While no additional action is required of the end user by Teal to ensure compliance, ensuring compliance with Part 89 prior to each flight is the sole responsibility of the RPIC. Teal strongly recommends that the RPIC verify the Teal system serial number being operated is listed in the DOC; and that performance of the Remote ID system is verified prior to each flight.

Accessing the Applications

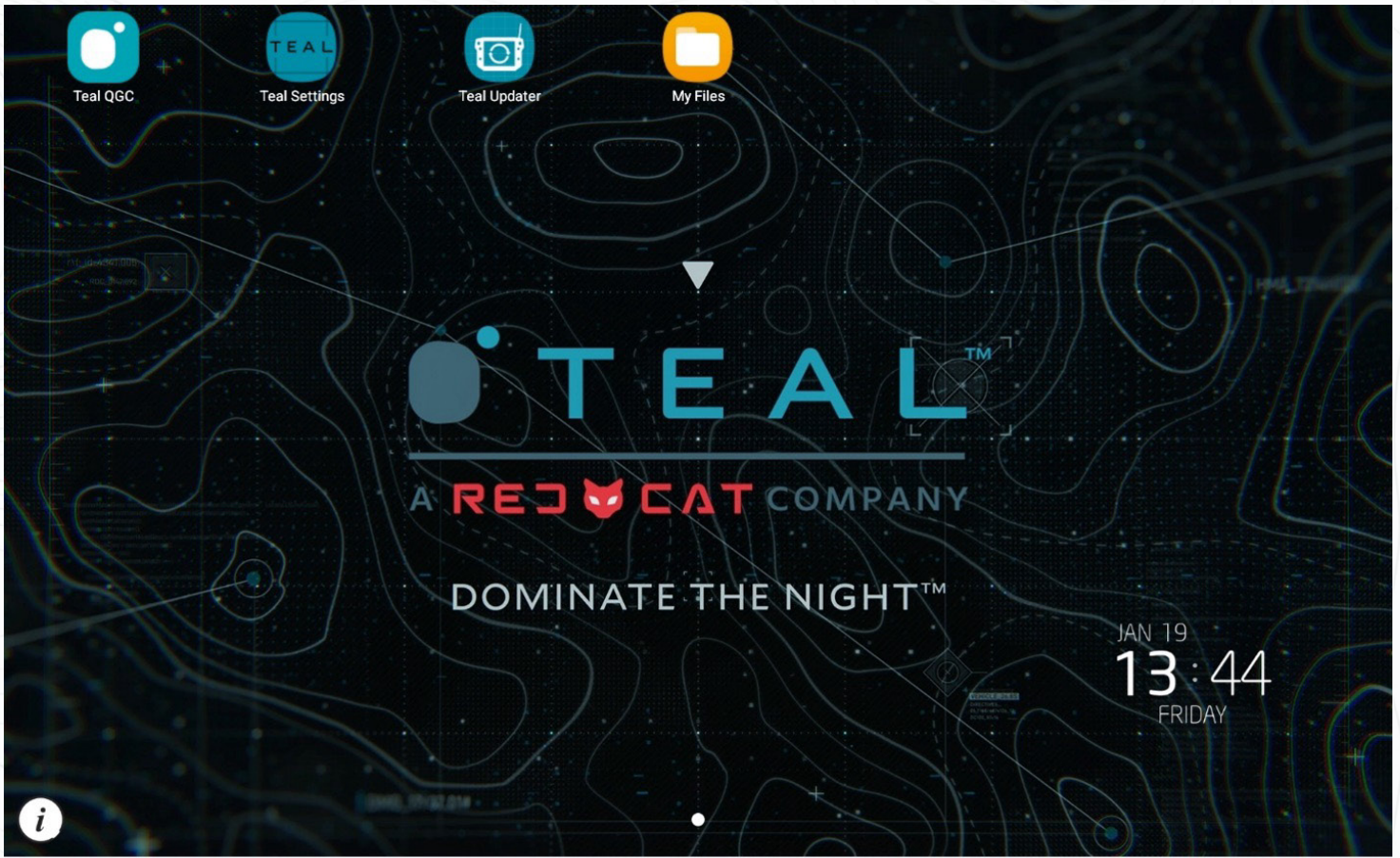
The TAC houses a Samsung Galaxy tablet running the Android operating system. The applications are available upon opening the home screen.

The available applications are:

- The Teal QGC application contains the settings and controls for customizing AV settings for flight.
- The Teal settings application. Use this app to pair the AV and GCS, view the operator's manual, transfer maps, switch between Drone and Wi-Fi networks, and configure other settings.
- Teal updater application. Use this app to update the AV firmware.
- The My Files application. Use this app to access flight logs, maps, screenshots, and other files.
- The information icon. Use this icon to access settings.

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CONTACT SUPPORT:

Contact Teal Drones Technical Support, Program Manager, or other point of contact for further information.

Teal Drones Technical Support: (385) 281-8415 | support@tealdrones.com

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