SYSTEM NOT DETECTING DRONES

**CHECK ABC'S
(ANTENNAS, BATTERY, CABLES & SOFTWARE)**

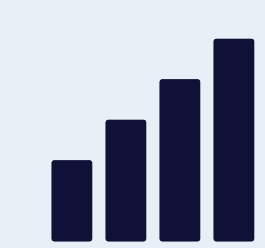Confirm antennas are on the correct ports, tightened and correctly threaded

Verify power is on (or batteries charged), DC power cable is tight to unit, and AC outlet is good

Is the Ethernet cable connected securely at both ends?

Is the software version current and matching across Titan units?

Check the RF noise warning indicator on the top right of the Dashboard to evaluate noise floor

The RF spectrum may be saturated (jammer, Wi-Fi router, etc.) which can impact system sensitivity.

Relocate the system away from these devices if possible.

SYSTEM HEALTH CHECK FAILURE ❌

If a ❌ appears, start with Step 1.
If the error persists, move on to the next step.

1. Reload the User Interface (UI) via the status bar icon

2. Reboot the system from the dropdown main menu

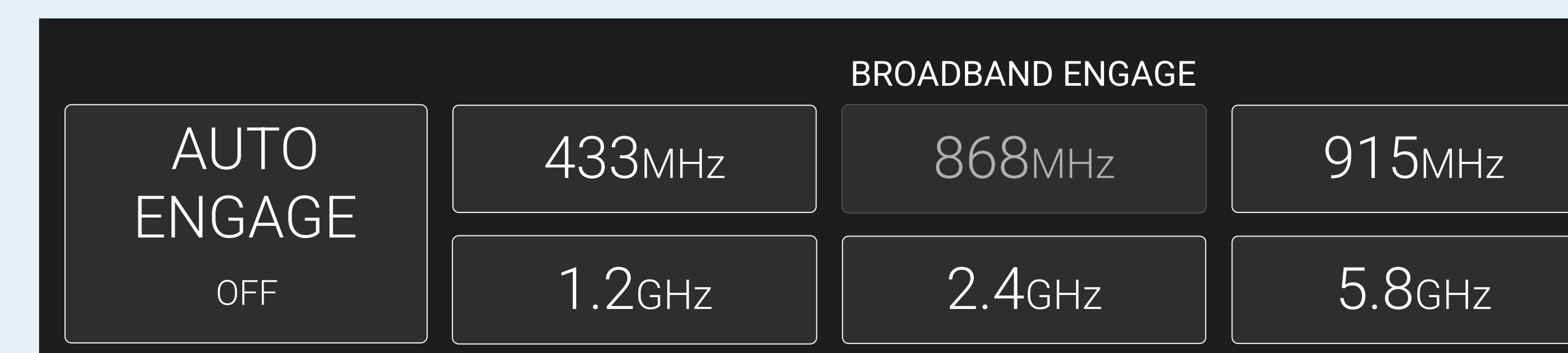3. Perform a cold system shutdown and restart unit

MAINTENANCE

Check & clean cooling system air filters monthly - more frequently in sandy environments.

Remove filters; rinse in water and replace.

USING ENGAGE CONTROLS

	BROADBAND ENGAGE		
AUTO ENGAGE OFF	433MHz	868MHz	915MHz
	1.2GHz	2.4GHz	5.8GHz

AUTO ENGAGE ENABLED:
System will automatically engage any FPV/RC/Wi-Fi threats that are detected.

BROADBAND JAM ENABLED:
System will actively broadband jam chosen frequency band(s) with/without an active drone detection.

DISPLAYING THE UI ON AN EXTERNAL SYSTEM

Titans can be connected to an external system via Ethernet to display the user interface using either a fixed IP address or DHCP. Switch to Admin mode via the status icon bar, then go to **Settings > Multinode Networking** to set network parameters.

Refer to the **Tablet & External Connectivity section** in the user manual for detailed instructions.
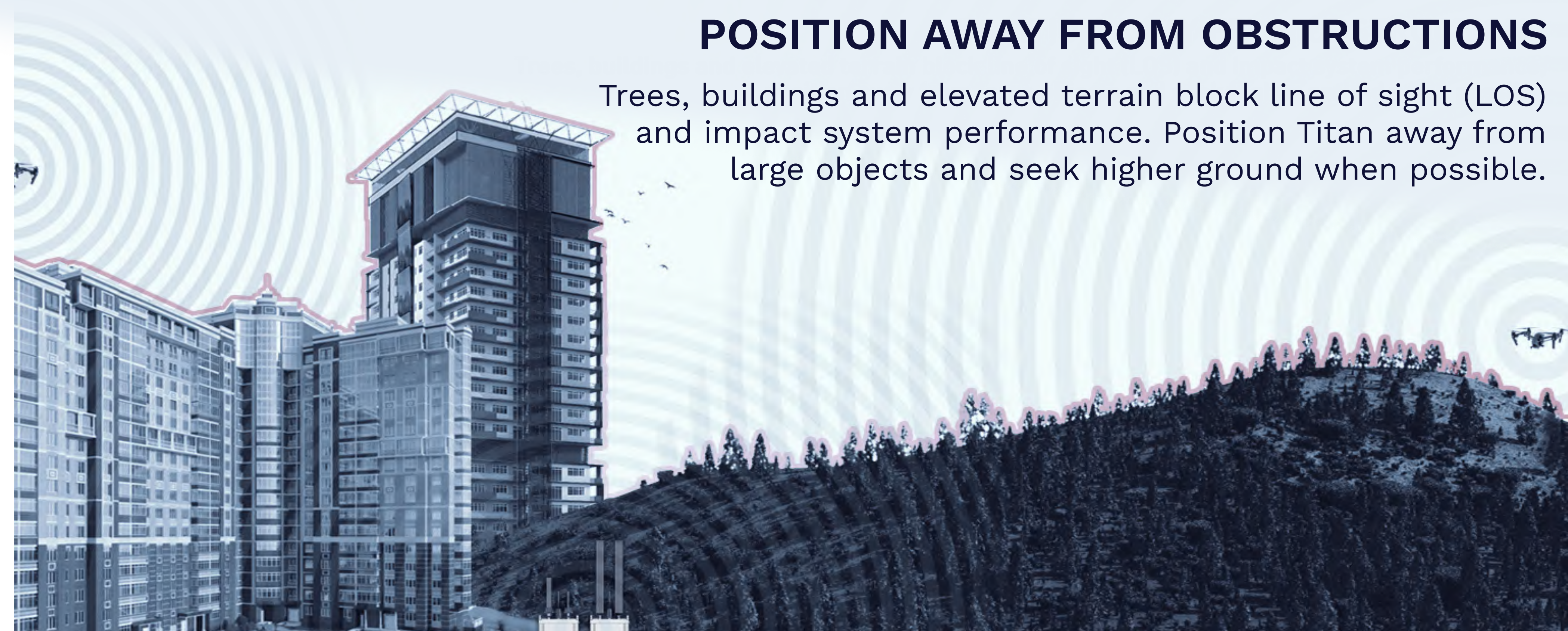
POWER & BATTERIES

Titan Systems ship with waterproof AC/DC supplies as the primary power source.
If a Titan Kit (2 units) are used in a vehicle with a DC-to-AC inverter, please ensure it can support at least 1400 watts continuous current draw and is a "pure sine wave" type device.

If operating the system with batteries: a pair of 10 Amp Hour 5590 batteries (per unit) can provide up to 90 minutes of engage run time with an average duty cycle. Always ensure batteries are **equally charged** or they will deplete unevenly and rapidly. Generic 7.5 AH 5590 batteries can be substituted, but their runtime will be much shorter than 10 AH cells.

OPTIMAL POSITIONING

POSITION AWAY FROM OBSTRUCTIONS

Trees, buildings and elevated terrain block line of sight (LOS) and impact system performance. Position Titan away from large objects and seek higher ground when possible.

PASSWORDS

TABLET LOGIN: USER: **Titan**
PASS: **citadel2017**

DASHBOARD LOGIN: USER: **Citadel321@dronecitadel.co**
PASS: **3Citadel21**

ADMIN ACCOUNT: PASS: **Citadeladmin321**

SOFTWARE UPDATES: Username & password will auto-fill. If not, contact your Titan Rep.

868 MHz/1.2 GHz: Contact your Titan Rep.