ATAK

TAKwerx Market

Plug-in Version: 1.8
ATAK 5.8.0
10 November 2026



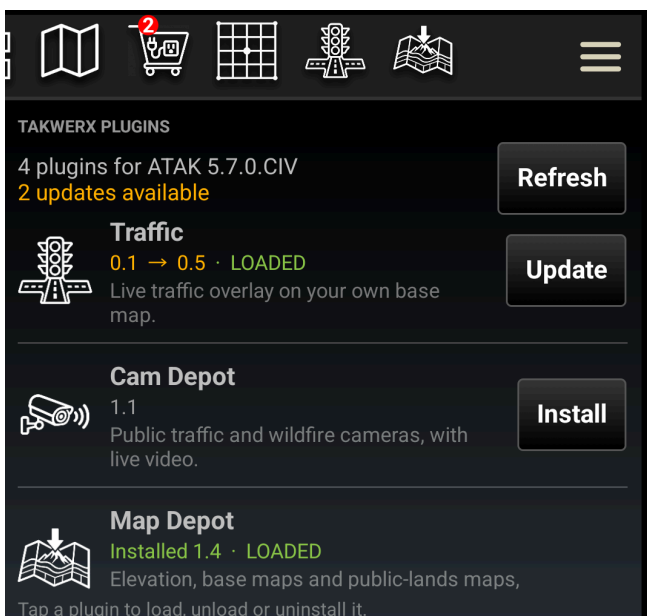
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Overview

TAKwerx Market lists every takwerx ATAK plugin, shows which of them run on the ATAK you are holding, and installs them without leaving ATAK. Sideload this one plugin and you can get the rest from inside the app.

It also tells you when something you already have is out of date, and lets you load, unload or remove a plugin from the same list.



Open it from the ATAK toolbar. The header says how many plugins are available for your ATAK, and under it whether any of them have updates waiting.

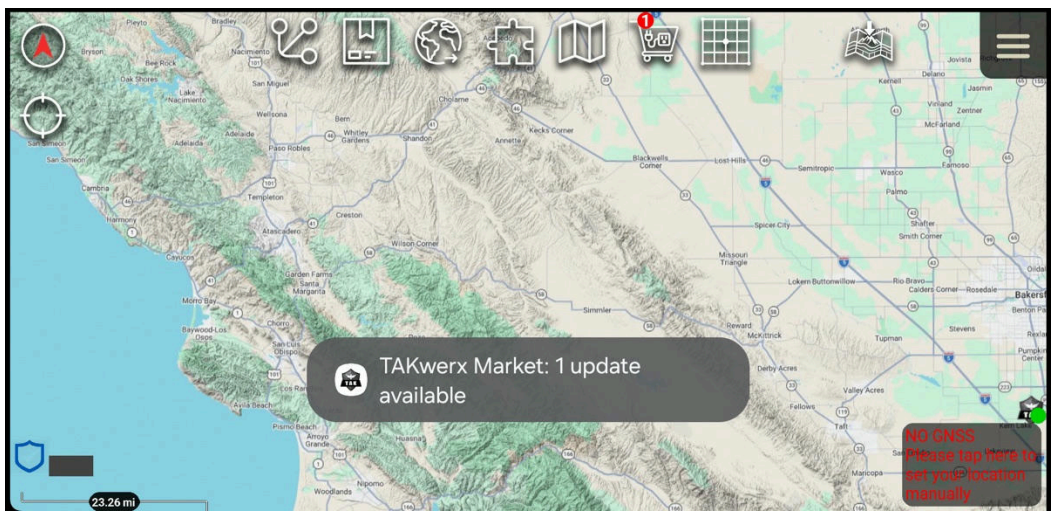
Each row is one plugin: its name, its version, and what the market can do about it. Amber means an update is available and shows what you have beside what is on offer. Green means you are current. A plugin you do not have shows its version and an **Install** button.

The count on the toolbar icon is the same number as the header. It goes down as you apply updates and disappears when there are none.

The toolbar and the startup notice



The market icon carries a red count whenever updates are waiting. It is drawn the way ATAK badges its own tools, so it reads the same as the rest of the bar.

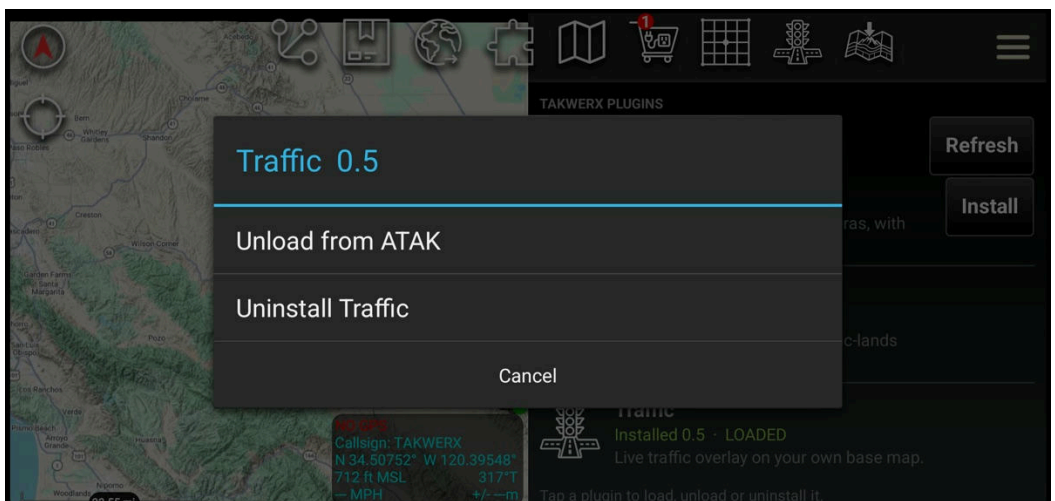


When ATAK starts, the market checks the catalog quietly in the background. If anything you have is out of date it says so once, like this, and then leaves you alone. If everything is current it says nothing at all.

Open the market whenever you want the full picture. **Refresh** re-reads the catalog if you want to check again immediately.

What the buttons do

Install fetches a plugin you do not have. **Update** replaces one you do with a newer release. A plugin that is already current has no button at all, because there is nothing to do to it.



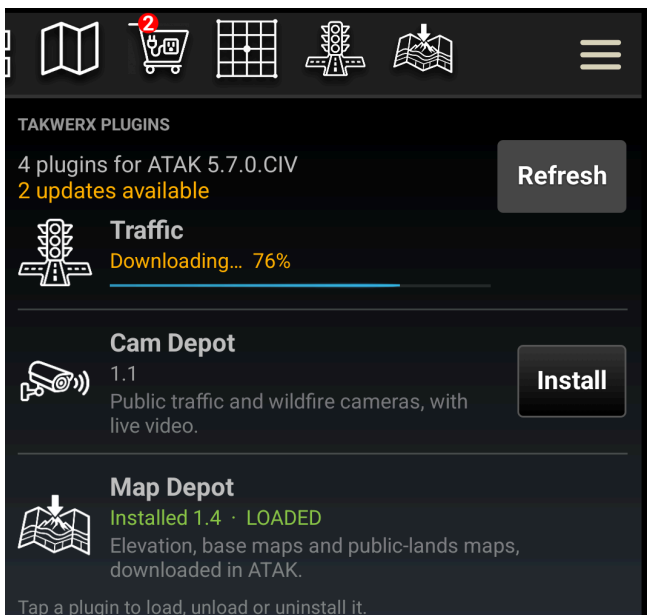
Tapping the **row** rather than the button opens the actions for a plugin you already have: load it into ATAK, unload it, or uninstall it entirely. That is the same set of things ATAK's own plugin manager offers, without leaving the market.

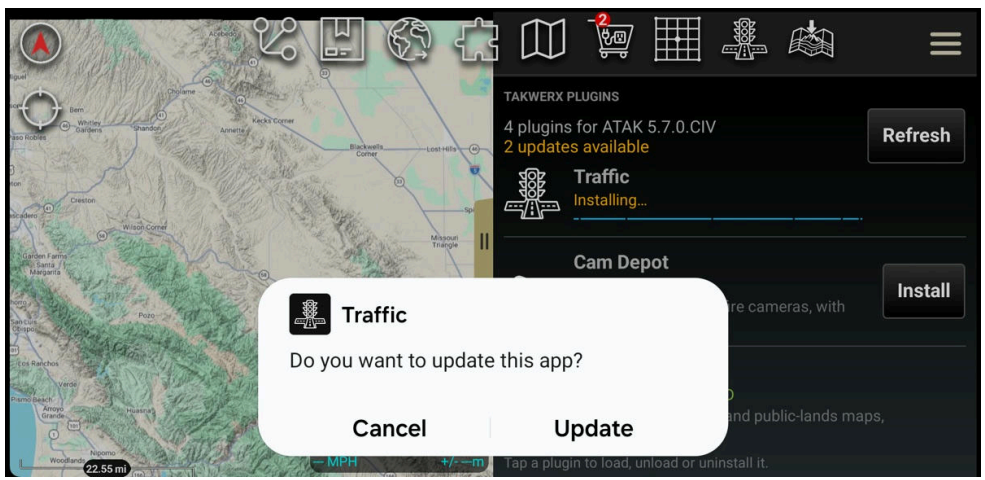
Why some plugins are not offered

ATAK plugins are built against one ATAK release and only load on that release. The market reads the ATAK you are running and offers only what matches it. Anything built for a different ATAK is still listed, grayed out, saying which release it was built for. It is not hidden: a list that silently drops things reads as though nothing else exists.

Installing and updating

Tap **Install** or **Update**. The market downloads the plugin, checks it, and hands it to Android. The row shows the download as it happens.

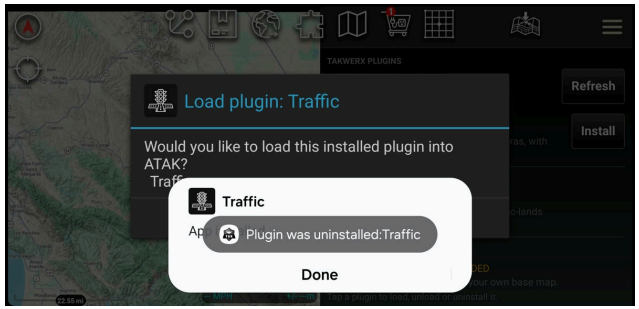


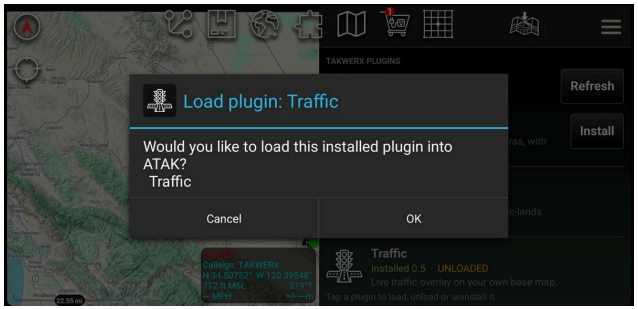


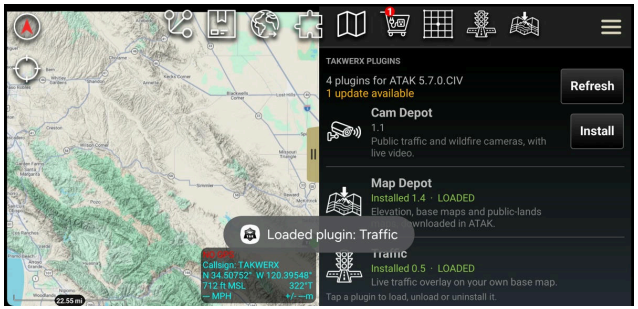
Android then asks you to confirm. That prompt is Android's own and cannot be skipped: no app on your phone can install another one silently. On some devices you are asked once to allow ATAK to install apps; allow it and you will not be asked again.

Two things are checked before Android is ever asked. The download must match the fingerprint published in the catalog, so a truncated or altered file is discarded rather than installed. And the plugin must be signed by the TAK Product Center: everything in the market is built and signed by tak.gov from published source, and anything else is refused, with the reason shown.

What you will see next





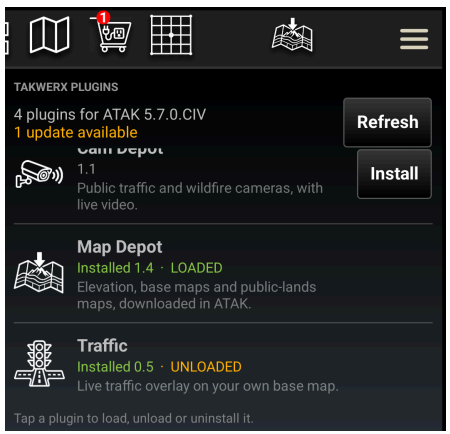


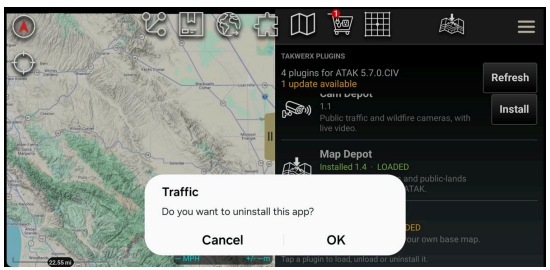
Three things happen in a row, and all three are normal.

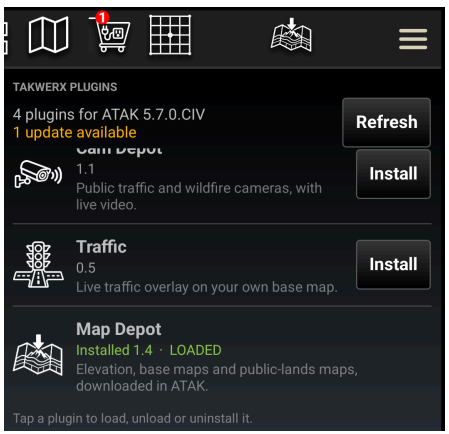
- **Android's "App installed" screen.** Tap **Done**.
- **A toast saying the plugin was uninstalled.** During an update ATAK notices the old copy being replaced and says so. Nothing has gone wrong; the market row underneath says **Installing…** for exactly that reason.
- **ATAK asks "Load plugin?"** This is the same question it asks after any install, from any source. Say **OK** and the row turns green with **LOADED**.

The row updates on its own. You do not need to reopen the market or refresh it.

Unloading and uninstalling







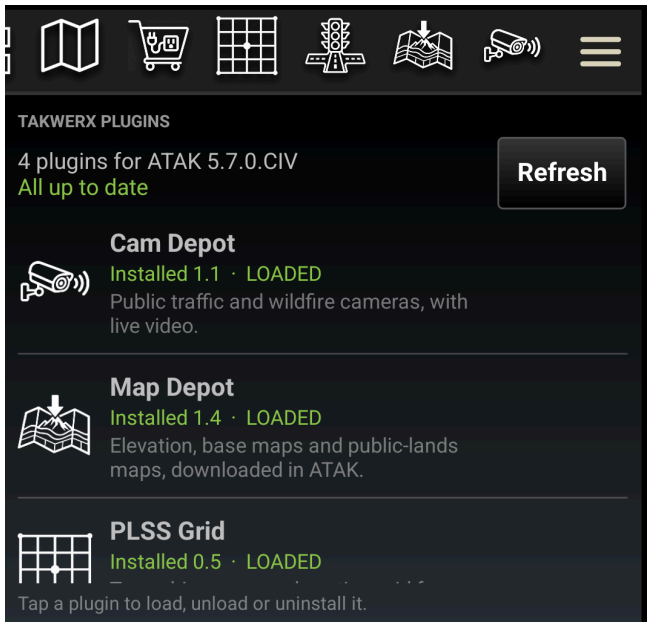
Unload from ATAK takes a plugin out of the running ATAK but leaves it on the phone. The row says **UNLOADED** in amber, and the same row menu offers to load it again.

Uninstall removes it from the phone. Android asks you to confirm, as it does for any app. When it is gone, the row goes back to offering **Install**, the plugin's icon leaves the toolbar, and the market's own toast says which one was removed.

Uninstalling a plugin does not touch the data it downloaded into ATAK. Maps, elevation and cameras are still there for the next install.

The market updates itself the same way, as a row of its own. After that one, quit and reopen ATAK: ATAK keeps running the copy it already loaded until it is restarted, so the new market is on the phone but not yet the one running.

All up to date



When every plugin is installed and current the header says so in green, the count leaves the toolbar icon, and no row has a button.

If everything you have is current but some plugins are not installed, the header says **No updates** and how many are not installed, so **all** is only ever said when it means all.

"signed with a different key"

If the market says a plugin on your device was signed with a different key, you are running a build that did not come from tak.gov, usually a development build. Android will not replace an app with one signed by a different key, so the market offers to uninstall the one you have; then install from the market. This is Android's rule, not the market's, and the market stops you before Android shows its own less helpful message.

After an ATAK upgrade



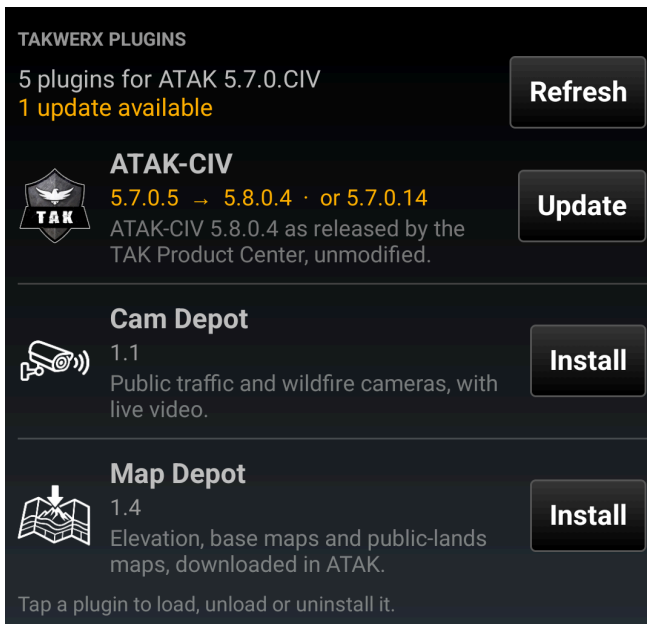
Move from ATAK 5.7 to 5.8 and every plugin you had is still installed but was built for 5.7, so ATAK marks it incompatible and it will not load. It is not obvious what to do about that from ATAK's own package manager.

Get the 5.8 market from the same place you got this one and open it. Each of those plugins shows up amber as **built for 5.7.0.CIV** -> **5.8.0.CIV** with an **Update** button, and the count on the toolbar icon includes them. One tap each, the same three screens as any update, and you are moved over.

The market knows because it reads the ATAK release each installed plugin was built for, not just its version number. The number alone would say nothing had changed.

If you update ATAK yourself, you sideload the matching market once. If the market updates ATAK (next page), you do not: it puts its own new build on first. This screen is a phone the market had just moved from 5.7 to 5.8.

Updating ATAK itself



When a newer ATAK-CIV is out, the market shows it as a row of its own, above the plugins, with an **Update** button. If more than one newer release is available the row says so, and Update asks which one you want. Read the warning, because this one restarts ATAK.

A same-release update, 5.7.0.5 to 5.7.0.14 say, is simpler: ATAK alone goes to Android, and the market and your plugins keep working as they are.

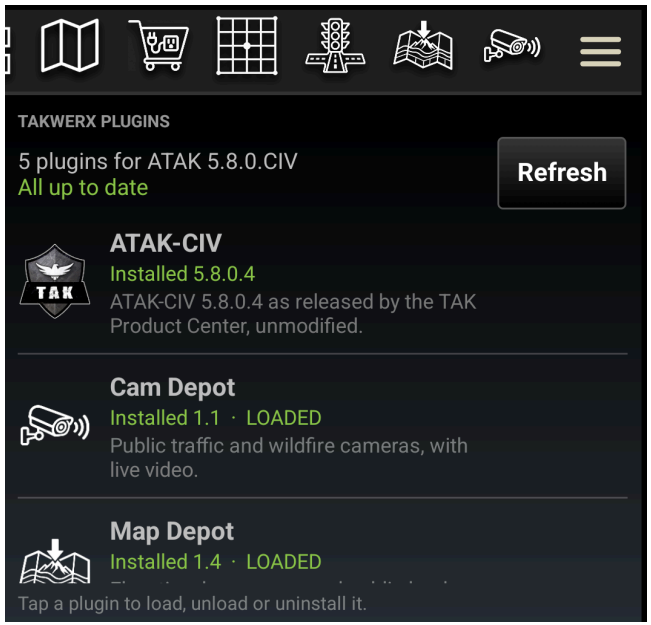
On ATAK-MIL or ATAK-GOV the row is grayed and says which ATAK it found. The market carries ATAK-CIV only; those builds are updated through tak.gov.

The market downloads ATAK (about 370 MB), then its own build for the new ATAK, and checks both. Then two Android prompts, back to back: first the market's new build, then ATAK. If ATAK asks to load TAKwerx Market between the two, tap **Cancel**; it loads after the restart. Do not cancel the ATAK install once it starts.

ATAK comes back on the new version. Open the market: every plugin you had is listed as built for the old ATAK, and **Update all** moves them over one after another, each with the same three screens as one update.

The ATAK file is the TAK Product Center's own release, copied unchanged and carrying its signature; the market checks that signature, and that the file is the version it was told, before Android ever sees it. An ATAK that did not come from tak.gov cannot be updated from here, and the market says so.

After the ATAK update



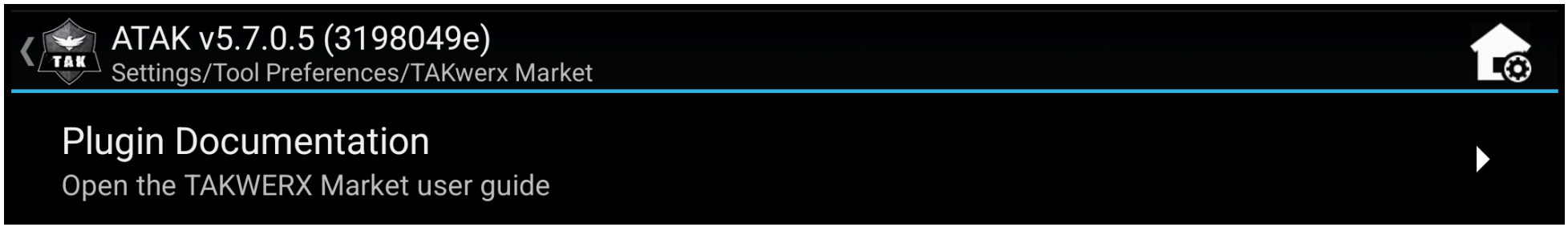
ATAK is back on the new version and the market loaded with it. Its list shows every plugin you had as **built for 5.7.0.CIV -> 5.8.0.CIV**, the toolbar count says how many, and **Update all** runs them one after another: Android's confirm, Done, and "Load plugin?" for each. Four plugins took a quarter of a minute on the phone this was written on.

When it is done the header says **All up to date**, ATAK's own row reads **Installed** with the new version, and the count leaves the toolbar icon. Nothing you had downloaded into ATAK was touched: maps, elevation and cameras are all still there.

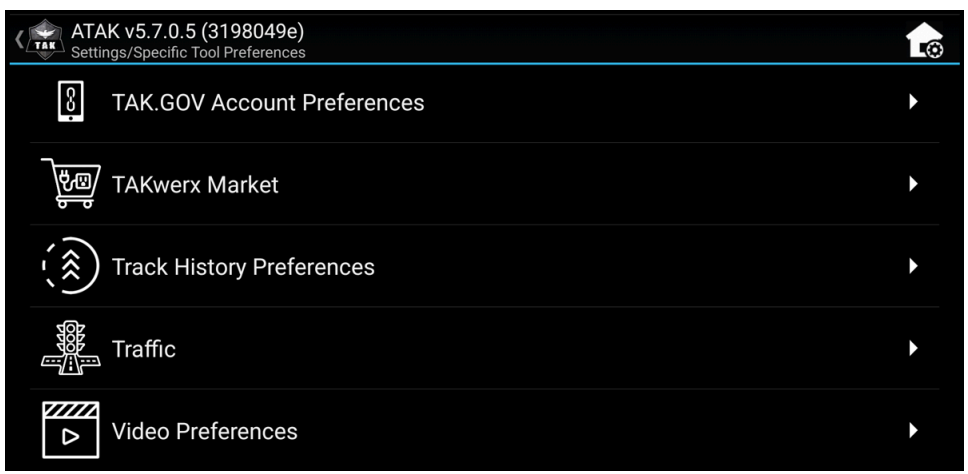
Vector tile packages and ATAK 5.8

ATAK 5.8.0.4 does not start with a vector tile package (Map Depot's public-lands maps) on the phone. 5.8.0.5 fixed that, and it is the 5.8 the market offers, so a phone with packages updates to it like any other. If the market is ever offered an older 5.8 build on a phone with packages, it refuses that one and says so: tap Refresh, then Update, and choose 5.8.0.5 or newer.

Settings and this guide



Settings → Tool Preferences → TAKwerx Market. **Plugin Documentation** opens this guide on the device.



There is deliberately nothing else there. The market reads one list, the TAKwerx one, and that cannot be changed from the device. ATAK can import preferences from a data package, so a setting for it would be a way to point the market somewhere else without you doing anything, and what the market offers you is exactly the thing worth being sure about.

Getting help

Every takwerx plugin has its own repository, with its downloads, its own guide and its own issue tracker. If something in the market is wrong, that is the place to raise it.