Digital Mobile Sketch Mapping (DMSM)

How to Set Up a Samsung Galaxy Tab S4
Factory Reset

1. Ensure the device is powered off.

2. Press and hold the volume Up and Power buttons.

3. Continue to hold the **Volume Up** and **Power button** until RECOVERY BOOTING appears (upper-left) and then release all buttons. A blue screen with “installing system update” may display, followed by a screen with “No Command.” Continue to wait until the recovery screen appears.

4. From the Android Recovery screen, select **Wipe data/factory reset**.
   - Use the Volume buttons to cycle through available options and the Power button to select.
5. Select **Yes**. Allow several seconds for the factory data rest to complete.

6. Select **Reboot system now**. Allow several minutes for the reboot process to complete. If applicable, set up your device.
Tablet Setup

1. After the tablet reboots from the hard reset, tap Start.
2. Connect to wifi. Choose a wifi to connect to.
3. Select Next in the lower right corner of the screen. Agree to the Terms and Conditions then select Next.
4. Google sign in -- You can skip this or enter a google account to sign into. This is only needed when downloading apps from the Play Store.
5. On the Date and Time screen select Next.
6. Name – enter a name for the Tablet i.e. “DMSM”, “DMSM1,” etc.
7. At the protect your tablet screen, select “NO, Thank You”.
8. On the Google services screen, select “More” until it changes to “I Agree.”
9. On the Review Additional Apps screen, scroll to bottom and select OK.
10. On the Sign into your Samsung Account screen, select the tiny down arrow in the lower right part of the screen and then select SKIP.
11. Check out useful features, select Finish.
13. Open the Google Play Store, search for the **Bluetooth GPS** and **GPS Test** and choose **Install**.
Recommended Display Settings (Very Important)

Prior to using DMSM, the default display setting for Screen Zoom needs to be changed to the Small setting or DMSM will not start.

1. Go to the Settings menu > Display.
2. Tap on Font and Screen Zoom.
3. Change Screen Zoom to Small. Tap on Apply to complete the process.

Installing the DMSM Tablet App

1. Click on My Files on the tablet and navigate to the Internal Storage→ Download folder. Tap on the DMSM_2019_Install_Pkg_v2.1.7.zip file and select unzip.
2. To install the DMSM Tablet App locate the folder where the DMSM App is stored (the folder where it was unzipped in step 1) and click on **DMDM_v2.1.7.apk** to install the app.
Tablet Settings

Before using the tablet in DMSM mode you must configure the tablet settings.

1. Open the Tablet Settings. Under **Display** select **Screen timeout** and change it to 10 minutes.
2. Next, in the settings scroll down to **About tablet** and open **Software Information**. Tap seven times on **Build number** - this will turn on the Developers Options.
3. In SETTINGS mode, just under About tablet, tap Developers options. Scroll down to the DEBUGGING sections and turn on USB debugging.