Mobile Field Tool (MFT)

GETTING STARTED & OVERVIEW

Asset management is now in the palm of your hand! Perform field tasks such as device **Healthchecks, Asset Setup** and **Device Inspections** with the Geoforce Mobile Field Tool app. To gain access to MFT, please contact Helpdesk.
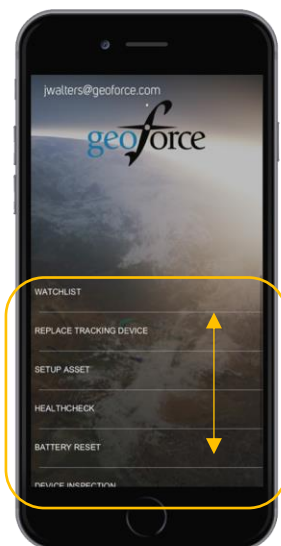
LET'S GET STARTED!

Sign In

Once the **Geoforce Mobile Field Tool** app is downloaded and installed on the smart device and a login has been acquired, the user is ready to sign in.

1) Open the **Mobile Field Tool** app on the smart device.

2) Enter the user's **Email** and **Password**.

3) Tap on **Sign in**.
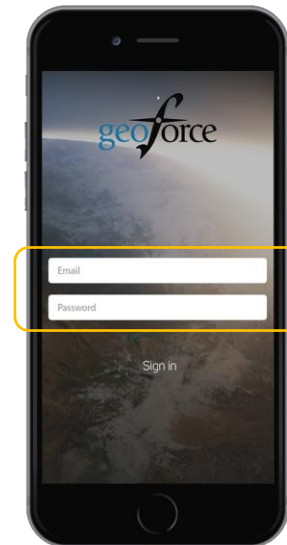
Home Screen

1) At the **Home Screen** note the menu at the bottom. Scroll down to see all menu options available.

2) Here you will find the following tools (if enabled):

- **Watchlist**
- **Replace Tracking Device**
- **Setup Asset**
- **Healthcheck**
- **Device Inspection**
- **Firmware Update**

Healthcheck

The **Healthcheck** menu option will give the user a synopsis of useful information pertaining to a particular device.

1) Select **Healthcheck** from the Home Screen menu.
.
2) Once open, at the top of the screen, the user can select an input method for the **Device ESN** (Electronic Serial Number).
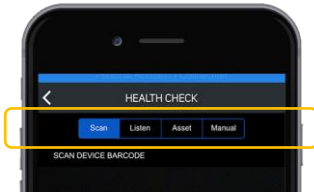
1) **Scan** – Use the camera on the smart device to scan the tag for the **ESN.**
2) **Listen** – Use Bluetooth to scan for nearby tags.
3) **Asset** – Search by entering Asset information**.**
4) **Manual** – Manually type in the device **ESN.**

3) After an input method is chosen, follow the prompts to view the **Healthcheck** for that device.
   - In the example below, the **Scan** method is used to input the **ESN.** When the **ESN** is found, select **Use It.**
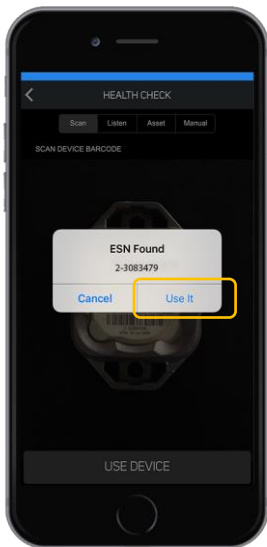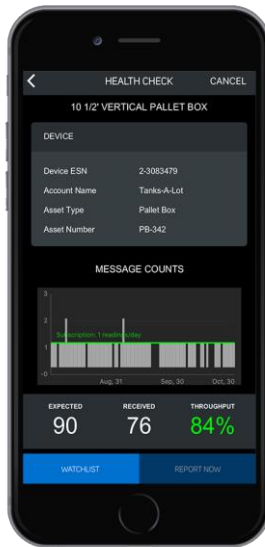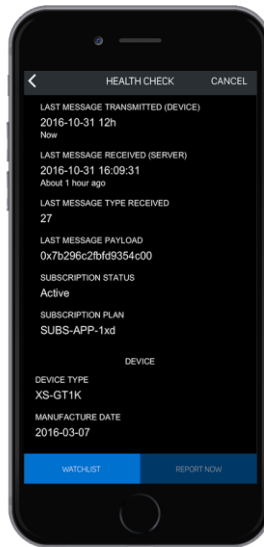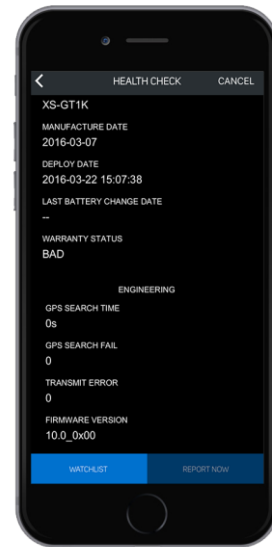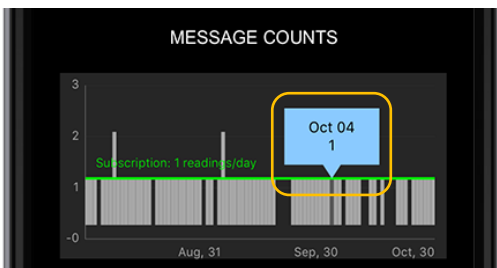

| FIG. 1 | FIG. 2 | FIG. 3 | FIG. 4 |

As shown in FIG. 2-4, the user can scroll through an entire report of the scanned device. This information can be critical in following up on recently deployed devices, checking reporting data and troubleshooting in general.


In FIG. 2 and the image on the left, the graph shows message counts or "pings" of the device. Each gray bar represents a message received from the device on any given day. Each gray bar can be selected to reveal the date of the received message. Gaps in this graph show when the device did not report. This is most likely caused by the location of the device being under a roof or the asset is stacked in a yard with an obstructed view of the sky.

Device Inspection

The **Device Inspection** menu option provides a step by step guide to a full overview of a device.

1) Select **Device Inspection** from the Home Screen menu.

2) Once open, at the top of the screen, the user can select an input method for the **Device ESN** (Electronic Serial Number).
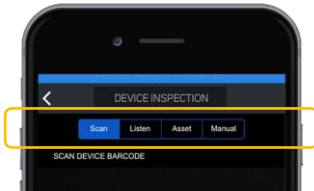
- **Scan** – Use the camera on the smart device to scan the tag for the **ESN.**
- **Listen** – Use Bluetooth to scan for nearby tags.
- **Asset** – Search by entering Asset information**.**
- **Manual** – Manually type in the device **ESN.**

3) After an input method is chosen, follow the prompts to continue with the **Device Inspection**.
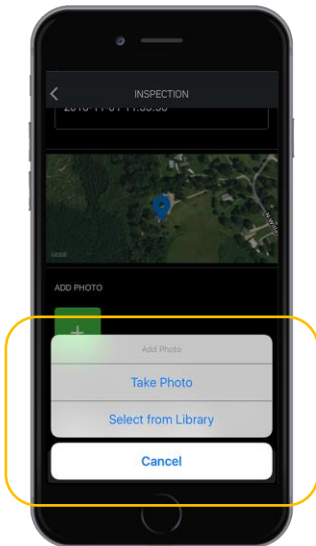
FIG. 1   FIG. 2

4) At the bottom of the screen, tap the green box to add a photo of the device. Select a method for submitting a picture. (See FIG. 1)

5) When a satisfactory picture is taken, select "Use Photo." (See FIG. 2)

*Note: The user must submit a photo of the device to move forward with the **Device Inspection.** More than one photo may be uploaded.

6) The next prompt is "Original Device Orientation", shown in FIG. 3. A selection here must also be made to move forward. This is in reference to how the device is physically deployed on the asset. Choose the best option that describes the orientation of the device. Tap "Next."

7) FIG. 4 shows the next screen. Here the user can verify that the information for this asset is correct by switching the toggle to green where it says "This information is correct." Tap "Next."
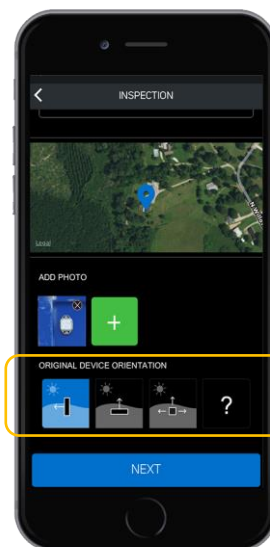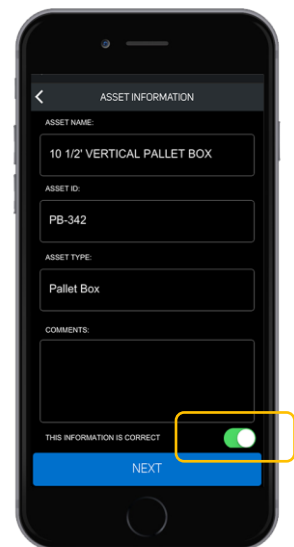
FIG. 3   FIG. 4

3   Rev.1   July 2019

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Device Inspection Continued…
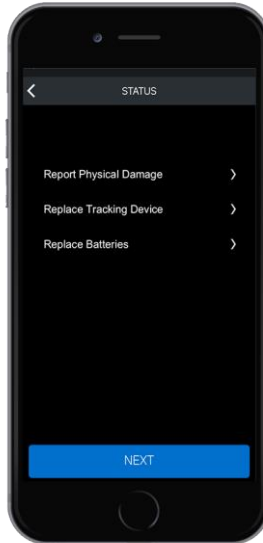
FIG. 5   FIG. 6

8) After confirming asset information, the **Geoforce Mobile Field Tool** brings the user to a **Healthcheck** screen (FIG. 5). At the bottom there are a few additional options: "Watchlist," "Report Now" and "Maintenance Actions".

9) By selecting "Maintenance Actions," the user can perform three different tasks for the device without going back to the Home Screen (See FIG. 6). These are "Report Physical Damage," "Replace Tracking Device," and "Replace Batteries." If any of these circumstances apply, follow the prompts to complete these tasks. Otherwise tap "Next" to complete the **Device Inspection**.

Replace Tracking Device

The **Replace Tracking Device** menu option allows the user to replace a device in the field in just a few simple steps.

1) Select **Replace Tracking Device** from the Home Screen menu.

2) In both the "Original Device" and the "New Device" sections, tap "Select Device" to input the respective **ESN.** Remember, this can be done one of four ways:

   Scan – Use the camera on the smart device.
   Listen – Use Bluetooth to scan for nearby tags.
   Asset – Search by entering Asset information**.**
   Manual – Manually type in the device **ESN.**

3) Ensure that the **ESNs** highlighted in green are correct. (FIG. 2)
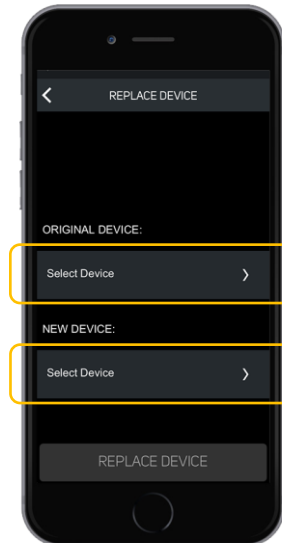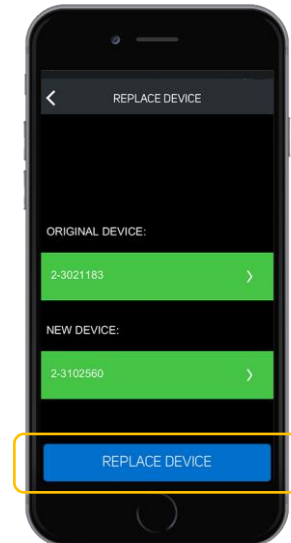
4) Tap "Replace Device."
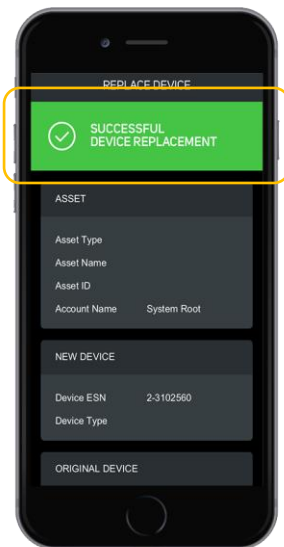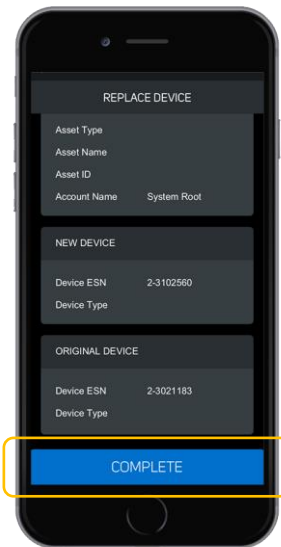
FIG. 1   FIG. 2

5) The next screen will show a "Successful Device Replacement" confirmation message (FIG. 3).

6) At the bottom of this screen, to finish the **Replace Tracking Device** process, tap "Complete" (FIG. 4).

FIG. 3   FIG. 4

5   Rev.1   July 2019

Setup Asset

The **Setup Asset** menu option allows the user to assign a device to an asset.

1) Select **Setup Asset** from the Home Screen menu.

2) Once open, at the top of the screen, the user can select an input method for the **Device ESN** (Electronic Serial Number).

- **Scan** – Use the camera on the smart device to scan the tag for the **ESN.**
- **Listen** – Use Bluetooth to scan for nearby tags.
- **Asset** – Search by entering Asset information**.**
- **Manual** – Manually type in the device **ESN.**

3) After an input method is chosen, follow the prompts to assign a device to an asset.
- In the example below, the **Scan** method is used to input the **ESN.** When the **ESN** is found, select **Use It.**
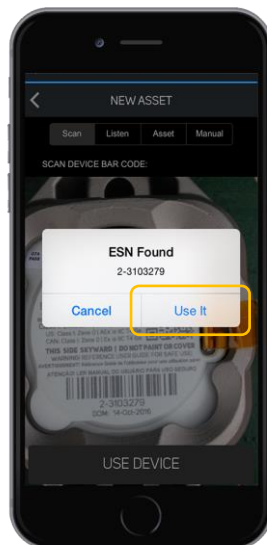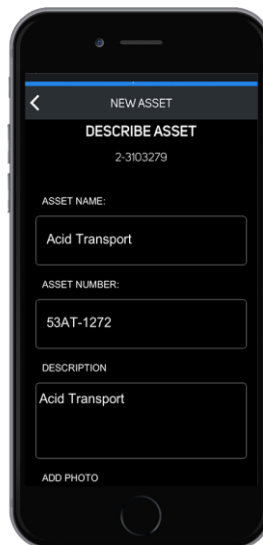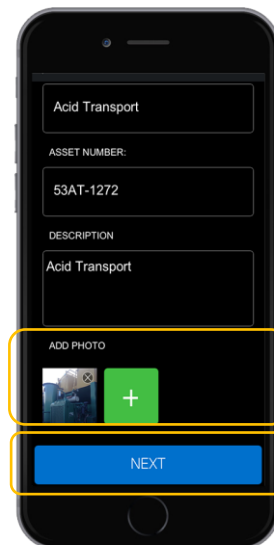
| FIG. 1 | FIG. 2 | FIG. 3 |

4) Next, fill in the information for the asset in the "Describe Asset" screen as shown in FIG. 2.

5) Scroll down the screen to the "Add Photo" section (FIG. 3). Here the user will take a photo of the asset. A photo must be submitted to move to the next step. Tap "Next."

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Setup Asset Continued…

6) At the next screen the user will choose a map pin color to associate with the asset (FIG. 4). Once a selection is made, tap "Next."

7) The last step is to confirm the Asset Setup and tap "Complete" (FIG. 5). A confirmation message will appear letting the user know that the asset has been assigned and will show up in the system after one day (FIG. 6). Tap "OK".
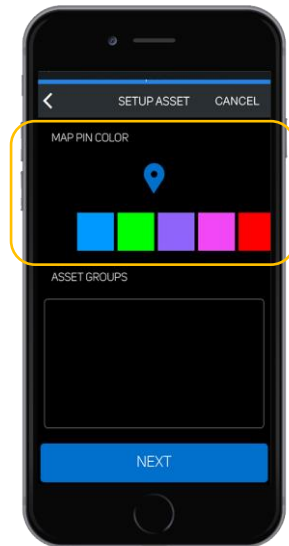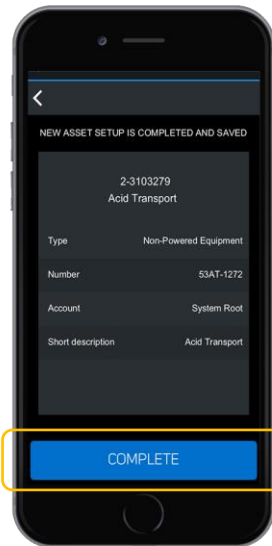
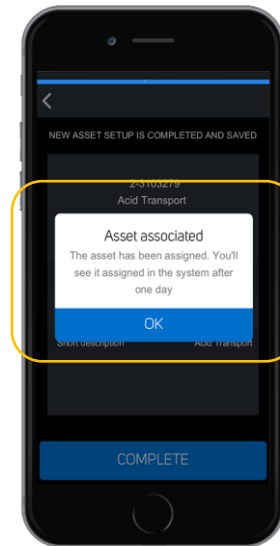FIG. 4   FIG. 5   FIG. 6