

SiteTrax.io Mobile

SiteTrax.io Mobile is a versatile solution designed for capturing and tracking intermodal assets directly from a mobile device. It allows users, such as truck drivers or yard operators, to capture videos of assets like containers and trailers using their smartphone or tablet. The app automatically uploads the captured videos to the SiteTrax.io backend for processing, where data such as GPS location, timestamps, and asset identification is analyzed. SiteTrax.io Mobile streamlines the process of asset tracking and inventory management by making it easy to capture and verify asset data on the go, integrating seamlessly with the SiteTrax.io platform for real-time visibility and management.

- [SiteTrax.io Capture - Android](#)
- [SiteTrax.io Snap - Android, iOS, Windows](#)

SiteTrax.io Capture - Android

Welcome to the documentation for **SiteTrax.io Capture - Android**. This page covers how to use the mobile app for capturing and tracking supply chain assets with SiteTrax.io. SiteTrax.io Capture app is only available for Android at the moment. For capturing assets on different platforms, please visit [SiteTrax.io Snap - Android, iOS, Windows](#).

System Requirements

To ensure optimal performance, please make sure your device meets the following requirements:

- Android 10 or later
 - Internet connection for uploading videos to the backend
 - Device camera (with recommended 1920x1080 resolution and 30 FPS video capture)
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Download Options

1. SiteTrax.io Capture Mobile App

The **SiteTrax.io Capture** mobile app can be downloaded from the Google Play Store for Android devices. This app is designed to help users capture and upload videos of intermodal assets (such as containers and trailers) to the SiteTrax.io platform for processing.

- **How to Download:**

1. Visit the [Google Play Store](#) on your Android device.
2. Search for **SiteTrax.io Capture**.
3. Download and install the app.

- **Enter Pin**

1. Sign up on [service.sitetrax.io](#) to get your own project. You can skip this step if SiteTrax.io' team has already provided you with a PIN.
2. Enter your PIN in the app when prompted. You only have to enter the PIN on first startup.

- **App Features:**

- **Two Video Capture Modes:**

- **Quick Capture Mode:** Ideal for taking a single, quick scan of an asset.
 - **Manual Video Mode:** Allows for continuous video scanning, making it perfect for scenarios like yard inventory checks or asset inspections.

Capture Modes in Detail

Quick Capture Mode

Quick Capture Mode is available in both the **SiteTrax.io Capture** mobile app and the **SiteTrax.io Snap** PWA. This mode is designed for users who need to capture a single scan of an asset quickly and efficiently. It is perfect for Proof of Pickup (POP) and Proof of Delivery (POD) scenarios, where a single asset is being tracked.

- **How it works:**

- Open the app or PWA and navigate to Quick Capture mode.
- Use your device's camera to capture a short video (3 seconds) of the asset.
- The captured video is automatically uploaded to the SiteTrax.io backend for processing.
- The GPS coordinates and other metadata (such as the asset ID) are embedded in the video for tracking purposes.

- **Key Use Cases:**

- Scanning individual containers, trailers, or trucks.
- Capturing a single point of proof, such as at delivery or pickup.

Manual Video Mode (Continuous Scanning)

Manual Video Mode is available exclusively in the **SiteTrax.io Capture** mobile app. This mode enables users to capture longer, continuous videos, which is especially useful for scenarios where multiple assets need to be scanned over a period of time, such as yard inventory checks.

- **How it works:**

- Open the SiteTrax.io Capture app and select Manual Video mode.
- Use your device to record a continuous video of assets.
- The video will be uploaded to the SiteTrax.io backend for processing.
- This mode provides a streamlined solution for capturing and processing large volumes of assets at once.

- **Key Use Cases:**

- Yard inventory checks where multiple containers or trailers are being scanned.
- Continuous asset tracking over a larger area or timeframe.

Video Processing

Once the video is captured using either Quick Capture or Manual Video mode, it is automatically uploaded to the SiteTrax.io backend for processing. SiteTrax.io analyzes the video to extract relevant data, such as:

- **Asset Identification:** The unique ID of the asset is captured and processed.
- **GPS Coordinates:** The location of the asset is embedded in the video, ensuring precise tracking.
- **Timestamp:** The time of capture is logged, providing a reliable record for Proof of Pickup (POP) or Proof of Delivery (POD).

Processed data is then made available through the SiteTrax.io platform, which can push the results to other systems via REST API integration.

Common Use Cases

- **Proof of Delivery (POD):** Capture video proof of delivered goods by scanning the asset upon delivery. SiteTrax.io ensures that the time, location, and asset ID are recorded.
 - **Yard Inventory Management:** Use Manual Video Mode to scan multiple assets within a yard, helping with accurate inventory counts.
 - **Proof of Pickup (POP):** Record a short video of an asset upon pickup for accountability and tracking.
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Support

If you encounter any issues with downloading or using the SiteTrax.io Capture app or SiteTrax.io Snap PWA, please visit the [Support Page](#) or submit a support ticket for assistance.

For API server access or test environment setup, refer to the **SiteTrax.io API - Input (Video)** documentation.

SiteTrax.io Snap - Android, iOS, Windows

Welcome to the documentation for **SiteTrax.io Snap** available for any mobile operating system. This page covers how to use the progressive web app (PWA) for capturing and tracking supply chain assets with SiteTrax.io. This progressive web app only allows you to scan 3 second videos. The intended use case is to scan one asset at a time. If you wish to scan continuously (scan your entire yard for example), please visit [SiteTrax.io Capture - Android](#).

System Requirements

To ensure optimal performance, please make sure your device meets the following requirements:

- Apple (iOS 14 or later). Android (12 or later). Windows (10 or later).
 - Compatible with modern web browsers (Chrome, Safari, or Firefox).
 - Internet connection for uploading videos.
 - Device camera (1920x1080 video recording).
 - GPS (Circular Error Probability (CEP) less than 5 meters).
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Download Options

If you prefer not to install our native app, you can use the **SiteTrax.io Snap** PWA, which works directly from your browser. It offers a lightweight solution for capturing asset data without needing to download anything.

- **How to Access:**

1. Open a web browser on your mobile device.
2. Go to <https://snap.sitetrax.io>.

- **Enter your PIN or scan your QR code.**

1. You will be prompted to enter your pin if you haven't accessed the webpage from a provided QR code.

- **App Features:**

- **Quick Capture Mode Only:** The PWA supports only Quick Capture mode, which allows you to take a single scan of an asset. For more advanced, continuous scanning, the [SiteTrax.io Capture app](#) is recommended.

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