SiteTrax.io Snap

SiteTrax.io Snap (https://snap.sitetrax.io) is a Progressive Web App (PWA) designed to streamline the capture of asset data (intermodal containers, trailers, chassis, trucks, etc.) outside of the warehouse throughout the supply chain. It enables users to quickly record short videos of assets such as containers, trailers, and trucks, embedding each recording with GPS coordinates and timestamps. This functionality enhances real-time visibility and tracking of assets, facilitating efficient data collection and management. Snap is accessible via mobile browsers or by scanning a QR code, making it a versatile tool for improving logistics operations.

- [SiteTrax.io Snap - Android, iOS, Windows](#)
- [Tutorial and Introduction to Snap from SiteTrax.io](#)

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).

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.

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.

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.

Getting Started

Need help getting started with SiteTrax.io Snap? Take a look at our [SiteTrax.io Snap tutorial](#).

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.

Tutorial and Introduction to Snap from SiteTrax.io

Welcome to the tutorial and introduction to **Snap.SiteTrax.io**, a Progressive Web App (PWA) designed to revolutionize asset tracking for the intermodal industry. In this video, we provide a step-by-step guide on how to effectively use Snap to capture critical data on containers, trailers, and trucks with just a few simple steps. Whether you're a first-time user or looking to refine your workflow, this video has everything you need.

https://www.youtube.com/embed/4SWhLK4m-Zs

Quick Start Guide:

1. **What is Snap.SiteTrax.io?**
   - Discover how Snap enables quick video capture of intermodal assets and seamlessly integrates GPS coordinates and timestamps for real-time visibility.
   - Learn about Snap's compatibility with mobile devices through a browser or by scanning a QR code.
2. **Getting Started:**
   - Sign up on service.sitetrax.io and create a project.
   - During the onboarding process, you'll be presented with a QR code to scan from your phone.
3. **Step-by-Step Usage:**
   - After scanning the QR code, you'll be prompted to scan your selected asset on your phone.
   - You can scan assets by previewing and confirming that the asset ID is visible in a 3-second video.
   - You'll be prompted with a preview of the video before uploading.
4. **Receipt of Data:**
   - After scanning, our servers will start processing your video. You can check the progress and the results on SiteTrax.io Service portal (https://service.sitetrax.io)
5. **Error Handling and Troubleshooting:**
   - Make sure you have approved the permission for GPS and Camera on your phone before recording the video.
   - Make sure you have sufficient internet bandwidth to upload the video. The videos are recorded at 1080p and are 5-10 MB is size on average.

By the end of this video, you'll have a complete understanding of how to use Snap.SiteTrax.io to streamline your asset tracking and optimize your logistics operations. If you have any questions, feel free to leave them in the comments or visit our website for more information. Don't forget to like, subscribe, and share this video with your team!

Links and Resources:

- **Visit Snap.SiteTrax.io:** https://snap.sitetrax.io
- **Visit SiteTrax.io Service Portal:** https://service.sitetrax.io
- **Learn More About SiteTrax.io:** https://www.sitetrax.io

Transform your logistics operations today with Snap.SiteTrax.io!