# SiteTrax.io API - Input (Video)

The SiteTrax.io API enables seamless video processing for intermodal asset tracking by integrating with the SiteTrax backend through Amazon S3 buckets. The API facilitates video uploads, typically captured using the SiteTrax.io Android app or other compatible cameras, to a specified S3 bucket for analysis. After uploading, SiteTrax.io processes the video and delivers the data to any REST API server, allowing for easy integration with other systems.

Key features include:

1. **Video Upload**: Videos up to 1 minute in length are uploaded to the designated S3 bucket, following specific guidelines such as a 1920x1080 resolution, 30 FPS, and embedded GPS data in subtitles.
2. **Processing and Output**: Once uploaded, the SiteTrax.io backend analyzes the video and pushes the extracted data to a REST API server. The processing time depends on the number of assets in the video.
3. **Camera Types**: The API supports data capture from various camera types, including mobile apps and stationary cameras, with options for both dynamic and static GPS coordinates.

The SiteTrax.io API simplifies the process of video uploading and analysis, enabling efficient intermodal asset tracking and data integration.