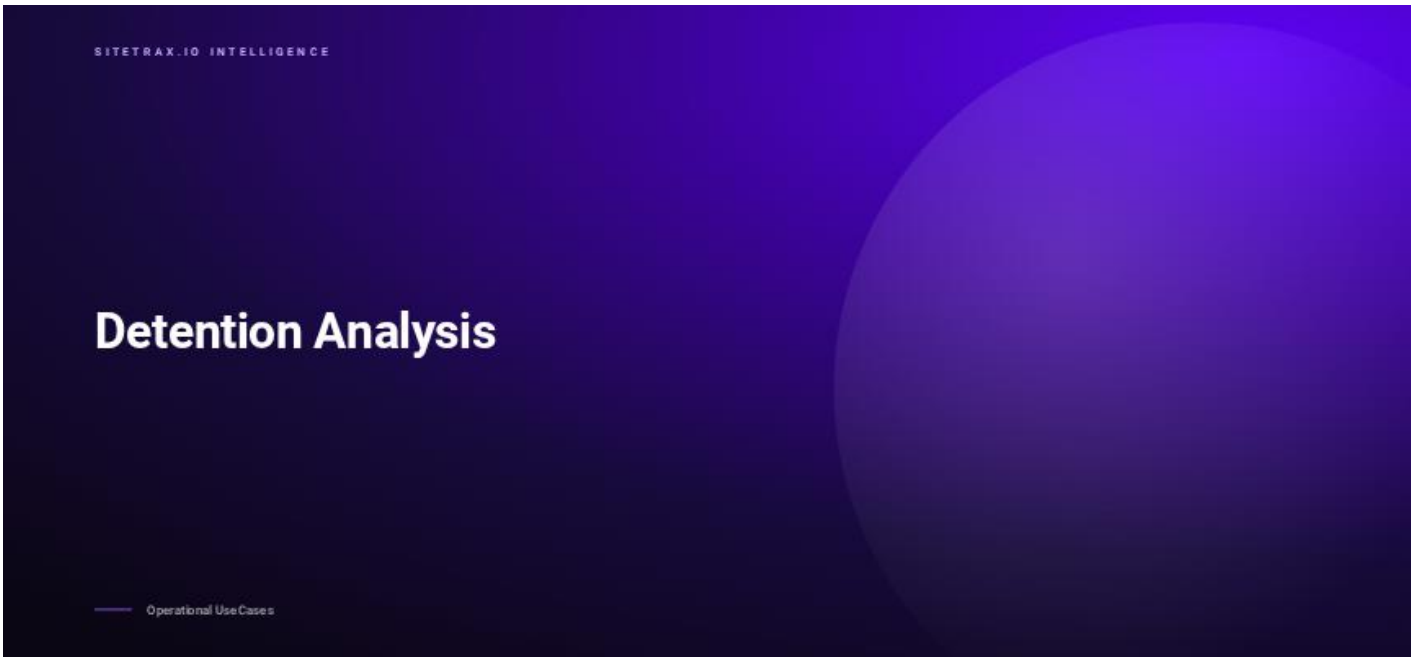
Detention Analysis



Checking detention and per diem exposure against what was actually observed, rather than accepting an invoice on trust.

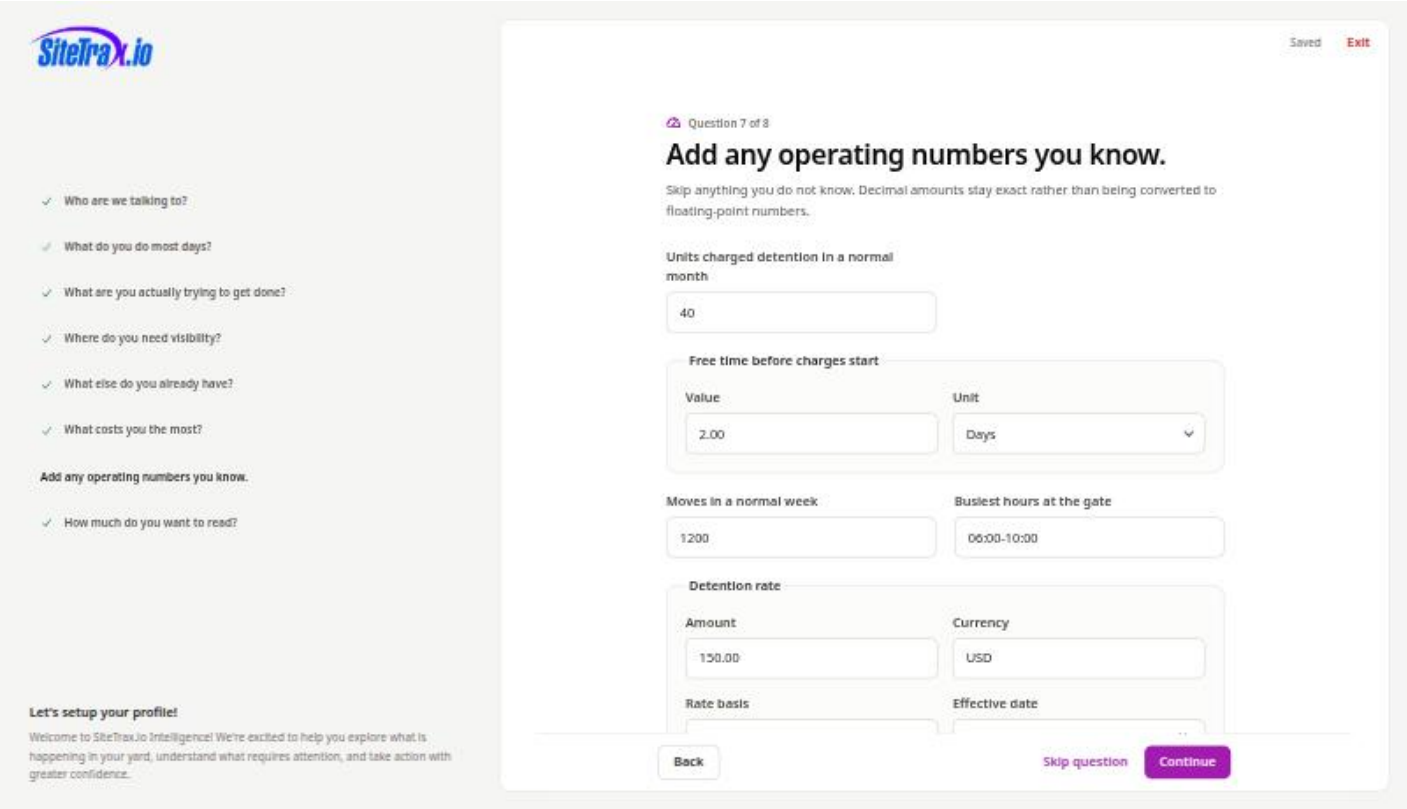
What SiteTrax.io contributes

SiteTrax.io supplies observed entry and exit times and links to the underlying detection records, with images where available. Where the site boundaries, equipment identity and observations support pairing, server-side sequence analysis estimates the interval between those observations. It also reports incomplete and ambiguous observations that could affect the interpretation.

It does not calculate your liability. Free time, rate and basis are commercial terms, which is why the profile interview asks for them. With terms you state, or terms confirmed in your published profile, it can estimate chargeable time, and amounts when you give a rate, as a range of three bounds. See Estimate exposure under your terms.

Set up the inputs

Select detention and per diem as a cost area in question six of the interview. Question seven then expands to collect units charged in a normal month, free time before charges start with its unit, the rate with currency and basis, and an effective date. Decimal amounts are stored exactly.



Once those are published, the Intelligence hub shows detention exposure with a status. In a profile where the rate answers are complete but capture has not been confirmed on both boundaries, it reports that the inputs are ready and asks you to verify elapsed-time coverage first.

From an assistant

> Using SiteTrax.io, analyze completed container visits ending at the Utah site in the last 30 days. Confirm the gate pair, eligible container types, timezone and maximum valid visit duration with me. Show average, median and p90 duration, then list contributing visits longer than two days with their detection links and any incomplete-observation limitations.

Ask for the supporting records whenever the result will be used to challenge a charge.

Use one equipment family per calculation and a site-appropriate maximum visit duration; the maximum is a pairing assumption, not a free-time allowance. A new retained entry for the same identifier supersedes an earlier open visit. Visits without a valid completion are reported separately, so an open visit must not be presented as a completed dwell measurement.

Median (p50) describes the middle completed visit; p90 describes the duration within which 90% of completed visits finished. Neither percentile describes visits still open at the observation cutoff. Camera-to-camera time does not establish contractual availability, release, custody transfer or the

chargeable period in an invoice.

Estimate exposure under your terms

> Using SiteTrax.io, estimate detention exposure for completed and open container visits at the Utah gate pair in the last 30 days. Our free time is 2 days, charged per started day at $75 per container; these are my stated terms. Show the floor, likely and ceiling bounds with the terms and their source, and list the open visits that make up the difference.

SiteTrax.io will not produce an estimate without stated free time and a source for those terms: either you state them in the conversation, or they come from your confirmed profile. It then reports three bounds:

- **Floor.** Chargeable time from completed visits observed both in and out.
- **Likely.** Adds still-open visits whose identifier was read repeatedly with no near match. Their charges are still accruing.
- **Ceiling.** Adds every other unfinished visit, including expired visits (usually a missed exit read), which are valued at the maximum visit duration, and likely misreads.

Quote all three bounds together with the terms and their source. The range is an estimate from camera-observed gate times. It is not an invoice, and it does not assess demurrage, detention or liability. Superseded visits are not charged.

Watch out for

- **An observed interval is a measurement, not an explanation.** It establishes how long passed between two observations, not why.
- **Inspect pairing quality.** A duration is reported for eligible completed visits; unmatched, expired, superseded or still-open visits are accounted for separately. Missing boundaries can prevent a calculation, while incomplete observations can make an otherwise valid result unrepresentative of all traffic.
- **Your commercial terms are context, not verified evidence.** The rate you entered is what you told SiteTrax.io, and it is stored as customer-supplied context.
- **Verify before you dispute.** Open the underlying records and check the images.
- **Check unfinished visits before reading them as long dwell.** OCR misreads rarely close a visit, so they accumulate as open or expired visits. Each visit is marked corroborated, single read or near match; treat single-read and near-match visits as unverified.

> SiteTrax.io reports observations and intervals. Decisions about billing, liability and contract terms remain yours.

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