

TRACK & TRACE • YARD-WIDE COMPUTER VISION

Know every move, from gate to yard.

Visy AREA is an intelligent yard monitoring solution utilizing RTLS (Real-Time Location System) – one continuous track for every vehicle, integrated across a network of high mast cameras.



From license plate to last-mile bay. Visy AREA picks up where the gate leaves off. Every plate, container, and trailer ID read at the gate is carried forward into the yard, integrated across overlapping camera fields of view, and projected onto a single GPS map. When a vehicle settles into a bay for a set period, the location information and identifiers are handed off to your TOS.

01

One identity, gate to bay

Plates and container IDs read at the Visy gate stay attached to each vehicle & cargo as it moves through the yard.

02

High-mast camera network

Two to three cameras per light mast, mounted high enough to clear occlusions. Modern sensors keep recognition consistent day and night.

03

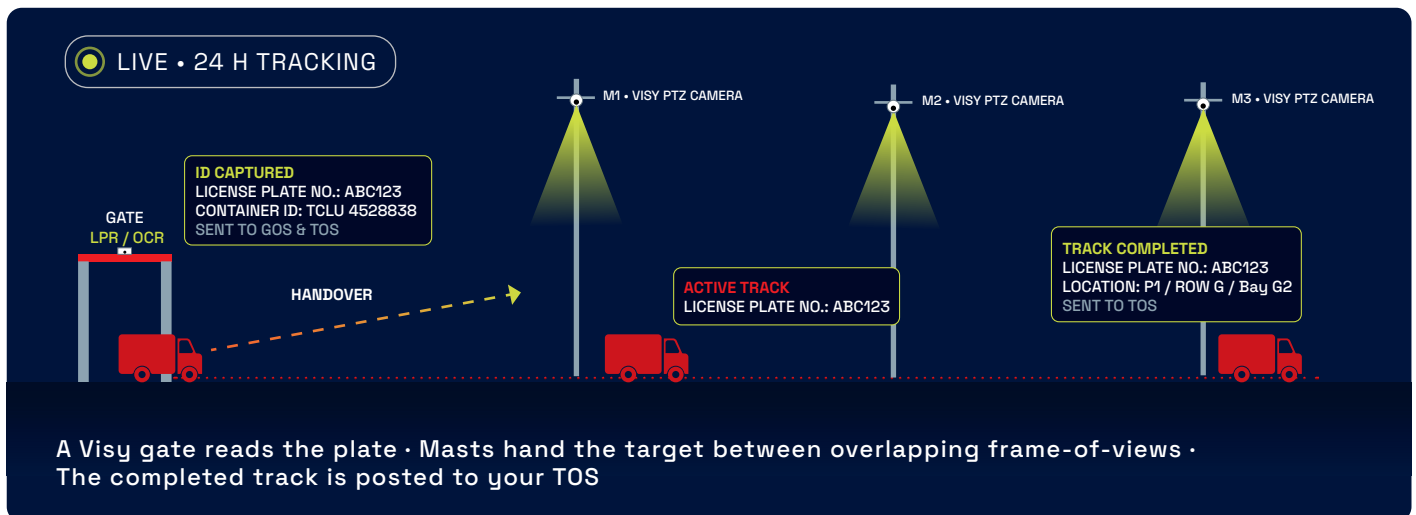
Tracks merged into one map

Visy Computer Vision merges individual camera views, projects them onto GPS, and delivers a single clean trajectory per vehicle to your TOS.

HOW IT WORKS

Gate reads the plate. The yard never loses sight.

A handover, not a handoff. The gate LPR & OCR captures the identity; the mast network continuously tracks the moving target through every overlapping field of view.



DETECTION

Target classes – customizable to your yard.

Modern sensors keep recognition consistent in daylight and at night. Long distances and heavy occlusions are the natural limit – that’s why mast height, camera amount and placement matter.

Truck Heavy goods, with plate	Trailer Linked to truck & ID	Container Box ID carried from gate
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- **Per-vehicle tracks** across camera network onto a single GPS map.
- **Gate LPR and container OCR** stay attached to each track.
- **Built on Visy.** Same data backbone as Visy Access Gate and vision technology products.
- **Posted on completion.** After a set period in bay, location and IDs are handed over to your TOS.

PERFORMANCE IMPROVEMENT

25%

Reduced ship loading time achieved with real-time trailer location information.

DEPLOYMENT

Two to three cameras per mast. Or ten. Up to you.

Streams flow to a Visy-managed server or cloud, where Visy Computer Vision handles the tracking. Sites with heavy occlusion benefit from additional masts and a higher number of cameras; we plan placement together with your operations team.

Output flows to your TOS or your own analytics. Every completed track carries its full identity trail from the gate.