

Spatial intelligence for factories and warehouses.

Logidot sees every forklift, tugger, pallet and person on your floor, understands how the work really flows, and moves your operation to its best next step.

Sense

Our own sensors locate every vehicle, person and asset, indoors and in the yard.

See

A live digital twin of the whole site, with every shift kept for replay.

Think

Spatial AI reads every movement and finds what to change.

Act

Rules, routes and plans reach the floor on their own.

Most location systems give you dots on a map. Logidot tells you what the dots are doing, and what to do next.

RESULTS OUR CUSTOMERS MEASURED

35%

fewer impact incidents
NITELA, 24/7 CROSS-DOCK

20%

more pallet throughput
BRITISH SUGAR, LOADING BAY

23%

faster response per order
TRANSPORTES PAULO DUARTE

SENSE

Every vehicle, person and asset, on one map.

Ultra-wideband indoors, multiband GNSS in the yard and an IMU for motion, fused into one position per asset.



Vehicle tag

On forklifts, tuggers and pallet trucks. Wired into the truck's own power, so there are no batteries to change. Feels every impact. IP67.



Wearable tag

Puts people on the same map as the vehicles they work beside. A full shift on a charge.



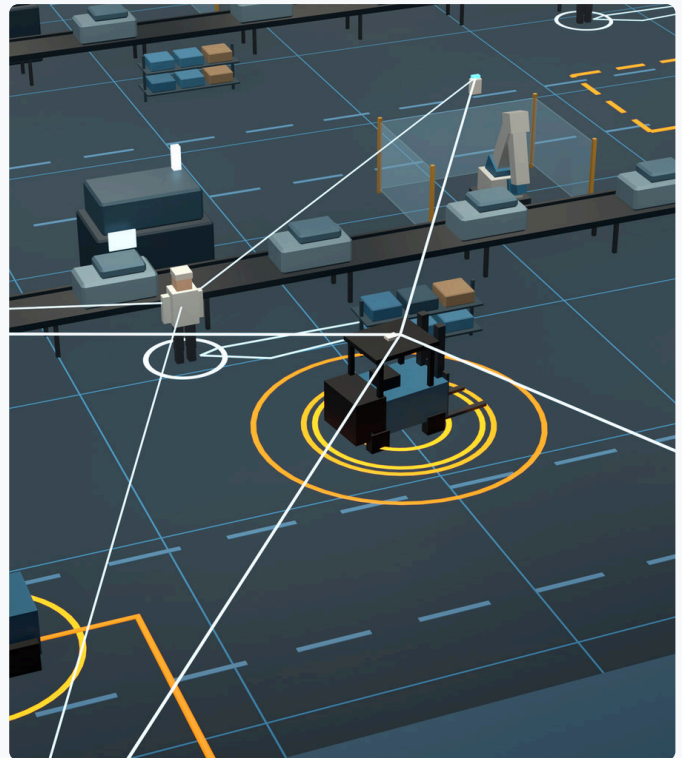
Anchors

On racking, columns and walls. They calibrate themselves and run on battery or site power.



Gateway

One box between the floor and the cloud, over Ethernet, Wi-Fi or 4G/5G, encrypted end to end.



Ranging lines from the anchors that locate one forklift and one operator.

Sub-metre, to the aisle and bay

Update rate follows the motion

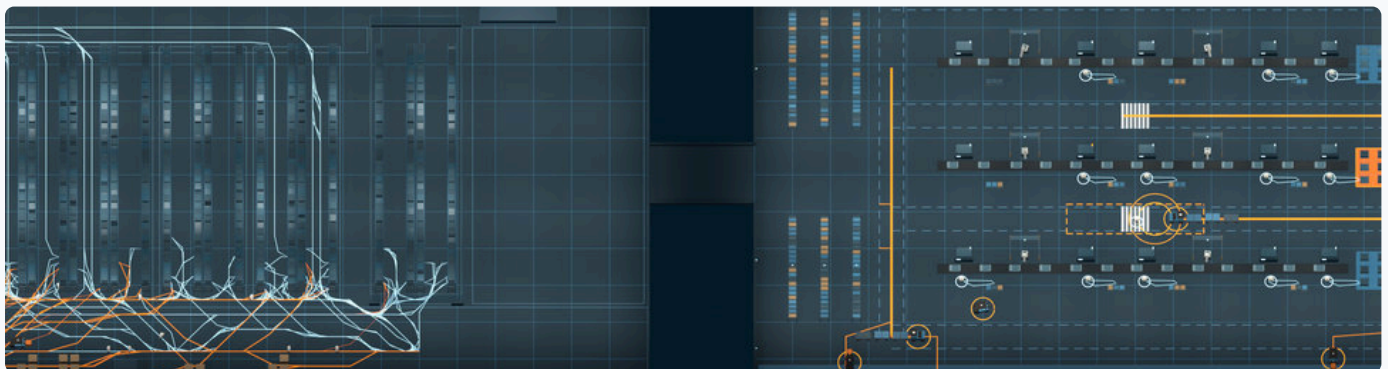
Anchor plan from our survey

Your sensors stream in too

SEE

Your whole site, live. Every shift, on replay.

Every tag lands on a 3D model of your own floor within seconds, hosted on Google Cloud in the EU. The history is kept, so any moment can be replayed and any change compared.



The live view of both sites: traffic in the warehouse, milk runs, operators and alerts in the factory.

Live view

Every truck, tugger and person as they move, within 3 seconds.

Time machine

Replay any shift, second by second, to see what happened before a stoppage.

Heat and spaghetti maps

Where vehicles spend their time, idle and speed, and every route they took.

Zone flow and dwell

Loads between goods-in, buffers, lines and dispatch, and how long material waits in each.

Utilisation and KPIs

By vehicle, person, zone and shift, analysed within 5 minutes.

Reports on their own

Sent on a schedule, without anyone pulling them.

THINK

Spatial AI that turns movement into decisions.

Four models run on every site today, one pipeline from a raw radio signal to the next best move.

LOCATE

Sensor fusion

A particle filter weighs every reading from the anchors and satellites, so one wild fix is out-voted, not followed.

One trusted position per asset

UNDERSTAND

Activity recognition

A neural network reads each track and its motion and labels it stopped, travelling or picking.

What every asset is doing

OPTIMISE

Batching and routing

Orders batched to fit the cart and routed on your real aisles, re-planned as new orders arrive.

The next best route

SIMULATE

Agent-based twin

Every picker and vehicle becomes an agent on your floor, so a change is tested before it is made.

The change worth making

ALSO IN THE PLATFORM



Site assistant

Ask in words. It answers from your own procedures, safety rules and manuals, on open models we host in the EU.



Floor-plan reader

Upload a drawing or photograph a paper plan. Walls, racks and rooms come back as a draft map.

The assistant answers from the documents your organisation gives it. It does not read live positions or change anything on the floor.

ACT

Rules that act on their own.

Draw a zone, set a limit, choose who hears about it. The platform watches every position as it arrives.

Speed zones

A lower limit where trucks and people share space.

Near-collision alerts

Every pair of assets checked as they move.

Pre-use checks

A failed check reports a breakdown on the spot.

Geofences and access

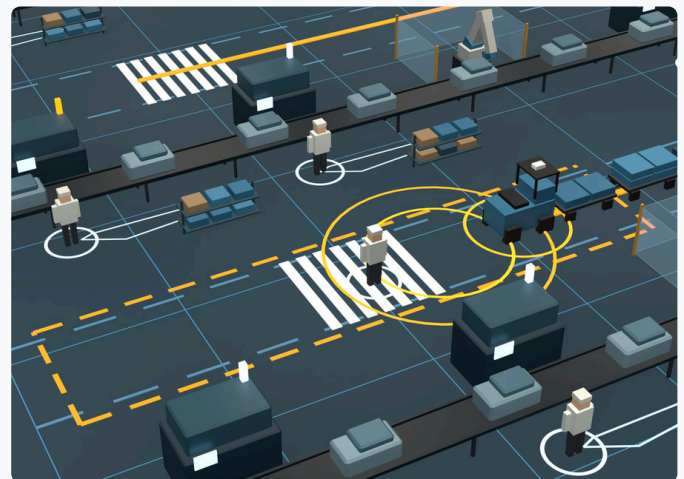
Pedestrian-only areas, and only authorised drivers.

Idle and dwell

A truck idle too long, or material parked too long.

To the right person

Critical alerts go by email and to the phone.



A tugger train meets an operator at a crossing: the speed zone lights and the alert fires.

ACT · ON THE FLOOR

Logidot Operative puts the plan in every hand.

On Android phones and handhelds: guided picking that re-plans as orders arrive, tasks and procedures step by step, breakdowns reported with one scan, shifts and messages. Free for teams of 10 or fewer.

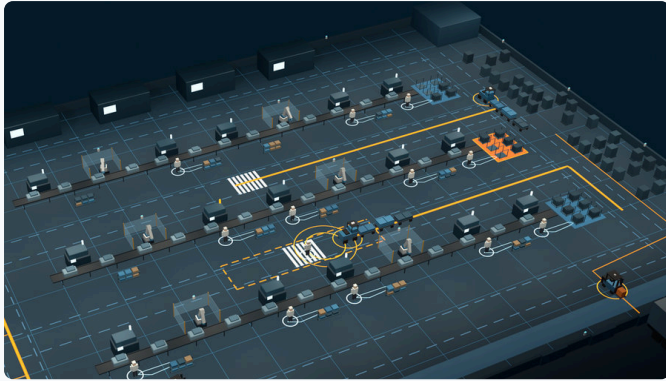
Simulated on a reference DC: Northgate, a modelled distribution centre. Smart batches and planned routes against one order per trip in bin order, each batch sized to a roll cage. Walking distance only. Results will differ on real sites.

25%

less walking with smart batches and routes

SIMULATED ON A REFERENCE DC

SMART FACTORY



From goods-in to the line to dispatch.

- Line-side supply: milk runs timed and routed
- Work in progress: how long material waits in each buffer
- Shared aisles: speed zones and near-miss alerts
- Fleet right-sizing before you buy or lease
- Layout changes tested in the twin first
- Tools and stillages found in seconds

SMART WAREHOUSE



From the dock to the pick face, and back.

- Picking: batched and routed, re-planned live
- Slotting tested on your own orders
- Forklift fleet: idle time and empty runs
- Docks and staging planned from the trucks you expect
- Stock accuracy: FIFO enforced per pallet
- Fleet safety on every shift

DOCK CONTROL TOWER

Know what arrives before it arrives.

Predicts when each inbound shipment will arrive, with a confidence range, and what it carries. Plans doors and people per shift, flags deviations from the plan, and learns what makes trucks late.

TEST IT FIRST

SIMULATED ON A REFERENCE DC

28%

less walking per line
from slotting

70%

less walking per line with 8
orders a trip

35%

less empty forklift driving

22%

fewer close encounters
between forklifts
and pickers

Simulated on a reference DC: Northgate, a modelled distribution centre (100 x 62 m, 1,868 pick faces, 480 items), on Logidot's production route planner. Results will differ on real sites. Pictures in this brochure: Riverside Works and Northgate, our modelled reference factory and warehouse, drawn in 3D. Results reported for each customer's own deployment, as published at logidot.com.

BUILT END TO END

One team, so it works as one.

- Our own sensors
- Our own spatial AI
- Software for every role
- Experts on your site

START SMALL

- 1 Start free with Logidot Operative
- 2 See it live with tags and anchors
- 3 Connect your WMS, ERP or MES
- 4 Optimise with routes, twin studies and the dock control tower

CONNECTS TO

Oracle WMS Cloud · SAP · Odoo · Open API

See your floor live.

Bring your floor plan, your fleet and the question you most want answered.



Book a demo

logidot.com

Scan to book a demo