

One dock, one flow: from the street to the tenant.

A mixed-use building in the city: one shared dock, many tenants, and a street that cannot hold the queue.

01. THE WINDOW

- Tenants book deliveries and trades against the shared dock
- A slot is permission to approach, not just to unload
- Semi, van or ute: one plan for all of them
- Slot length matched to the job: a courier gets minutes, a fit-out truck gets the hour

02. APPROACH

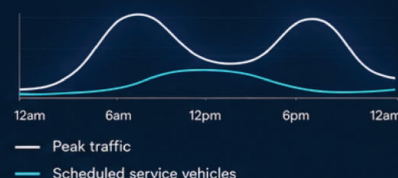
- Held one block away until the bay is free
- Released when called
- Nothing waits on the kerb

03. ENTRY BY SLOT

- Ramp barrier, plate-reading camera or virtual checkpoint
- Admitted in the booked window only
- Bay assigned and held

Loading by slot
Assigned destination

Vehicles are scheduled around peak traffic periods



04. RELEASE

- Unloaded, logged, out
- The next vehicle is already on its way in

Concept visual. Data illustrative.

No queue on the street

Early vehicles are held off the block, not on the kerb.

One dock, every tenant

Retail, offices, hotel and residents on one sequence.

Trucks, vans and utes

Couriers, carriers, waste and trades in the same plan.

Every movement logged

For the building, the tenants and the council.

A city building is neither a plant nor a depot: the vehicles belong to everyone, from a semi to a plumber's ute, the visits are short and many, and the street outside is not available as a buffer. So the dock is run as a shared resource. Tenants book, the building sequences, a vehicle approaches only when it is called, and the dock master decides the exceptions. Bookings you may already have; the sequence across tenants, the held bay and the virtual waiting zone are what we add.

A booking gets a van a time. Who decides when three of them are early?

TLS sequences the shared dock across tenants, holds the bay, and hands the exceptions to the dock master.



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The city building, step by step

HOW IT WORKS

- 01. The window.** A tenant, a carrier or a trade books a slot against the shared dock: what, who, how long, which bay type. The slot is permission to approach.
- 02. Virtual waiting zone.** A vehicle that is early is held before it enters the block, in a place that is allowed, and released the moment its bay is free. The kerb outside stays clear.
- 03. Entry by slot.** At the ramp a barrier, a plate-reading camera or a virtual checkpoint admits the vehicle in its window and sends it to its bay.
- 04. The bay.** Assigned when the slot was booked and physically held; the tenant is told the goods are down, and the dwell is on the clock.
- 05. Release.** Unloaded, logged, out; the next vehicle is already called in. Every visit, from a semi to a ute, is in the same log.

WHAT TLS BRINGS

- 01. Shared dock scheduling across tenants:** one sequence for retail, offices, hotel and residents, or a layer on top of the booking tool you already run.
- 02. Virtual waiting zone:** early vehicles held and released by message, so the street is never the buffer.
- 03. Entry control on the ramp:** barrier, plate-reading camera or virtual checkpoint, on the same plan as the bookings.
- 04. Bay assignment with a physical hold:** the bay is kept for the vehicle that booked it, and resequenced when the day changes.
- 05. Driver notifications:** approach, bay, release, in the driver's language, for the carrier and for the tradie alike.
- 06. Movement log:** every visit and dwell, for building management, tenant recharges and council reporting.

When the plan breaks

A courier is early, a fit-out truck overruns, two tenants want the same bay. TLS resequences, holds the early vehicle off the block and tells its driver; anything that moves another tenant's booking goes to the dock master to confirm. The log records who decided what.

ONE COMPANY, THE WHOLE SITE

TLS

TRANSPORT LOGISTICS SYSTEM

Start here. Vehicles from arrival to departure: slots, gate, yard, position, exit.

RTLS

REAL-TIME LOCATION SYSTEM

Where every vehicle and asset is, indoors, without GPS.

WMS

WAREHOUSE MANAGEMENT SYSTEM

Inventory and warehouse operations in real time.

M2L

ADVANCED PICK TO LIGHT SYSTEM

Picking guided by light, fast and error free.

ILS

INTERNAL LOGISTICS SYSTEM

Material flow from the dock to the tenant.

AMR

AUTONOMOUS MOBILE ROBOTS

Material moved without adding people.

Veasy

VISITOR MANAGEMENT

Contractors and visitors registered, expected, let in.

Start with TLS, then see what else works for you. One data model, one supplier, from the gate to the back of the shop.

BUILT IN

Lower emissions

No vans circling the block, fewer wasted movements at the dock, the same deliveries on fewer trips: fuel not burned.

ESG reportable

Every movement logged, so the building has a number when the report asks for one.

People in control

Routine cleared automatically; anything with consequences goes to a person.

Let's orchestrate your piece of the world.

When your dock is full, where does the next van wait?

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