

From the gate to the back of the shop. From the kerb to the city. **Orchestrated.**

Data-driven coordination of vehicles, people, resources and infrastructure, behind the fence and beyond it. One connected operation. Better decisions. Better mobility.

DATA → DECISION → OPTIMISATION

MONITOR

Collect operational data from vehicles, systems and infrastructure.

DECIDE

Turn real-time visibility into decisions: the routine automatically, anything with consequences by a person.

OPTIMISE

Improve utilisation, service reliability and efficiency, burn less fuel doing it, and prove it.



POWERED BY OUR TECHNOLOGY ECOSYSTEM

TLS

TRANSPORT
LOGISTICS
SYSTEM

RTLS

REAL-TIME
LOCATION
SYSTEM

WMS

WAREHOUSE
MANAGEMENT
SYSTEM

M2L

ADVANCED
PICK TO LIGHT
SYSTEM

ILS

INTERNAL
LOGISTICS
SYSTEM

AMR

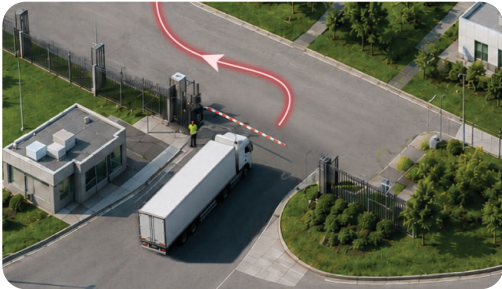
AUTONOMOUS
MOBILE ROBOTS

Veasy

VISITOR
MANAGEMENT

+

ERP, TMS, charging
and platform
integrations



PLANT LOGISTICS

One plant, one flow.

CHALLENGE

Manufacturers need to coordinate inbound and outbound logistics with suppliers and carriers while reducing waiting times and improving visibility, on a plan the dock crew can prepare for.

ARRIVAL GATE Registration, documents, entry authorised	CHECK-IN Appointment confirmed, dock fixed with the slot	LOADING DOCKS Ontime, live status, proof of delivery	WAITING ZONE Early carriers held off the gate	EXIT Check out, documents released, logged
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TLS HELPS

- Appointment scheduling in time slots
- Dock assignment fixed with the booking
- Plate-reading identification at the gate
- Yard coordination with lights and panels
- Gate check-in by app, terminal or gathouse
- Exit and reporting, every movement logged

BUSINESS OUTCOME

Reduced waiting times, improved throughput and better utilisation of logistics infrastructure: 45% less loading and unloading time, 30% less staff time on transport handling, 20% lower shipping



DEPOT ORCHESTRATION

One depot, one flow.

CHALLENGE

Bus depots, diesel, hybrid or electric, need efficient coordination of vehicles, bays and operational resources, with several stops per visit and every bus ready for its next route.

ARRIVAL Plate read, bus matched to the timetable	SEQUENCE TLS plans the stops from your priorities	GUIDE IN Driver receives the next stop and route	DEPOT STATUS Bays, vehicles and occupancy live	READINESS Which buses are ready, at a glance
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TLS HELPS

- Automatic bay and stop sequencing
- Resource coordination: wash, fuel or charge, workshop
- Navigation and access instructions
- Vehicle readiness visibility for dispatch
- Depot monitoring on one board
- Movement log for utilisation and emissions

BUSINESS OUTCOME

Better visibility and utilisation of depot resources and infrastructure, no dispatcher on the routine, and a controller who handles only the exceptions.



Concept visual

RETAIL CENTRE AND CITY BUILDING LOGISTICS

One dock, one flow.

CHALLENGE

Retail centres and mixed-use city buildings must coordinate deliveries, trades and supplier access through a shared dock without disrupting customer traffic or queuing on the street.

PEAK HOUR

Deliveries scheduled around the peaks

APPROACH

ETA and reserved slot already known

PRECINCT ENTRY

Admitted in the reserved window only

RELEASE

Unloaded, logged, next vehicle called

HELD BAY

Kept for the vehicle that booked it

TLS HELPS

- Schedule deliveries and trades by window
- Allocate and hold loading bays
- Coordinate supplier and contractor access
- Virtual waiting zone off the street
- Control back-of-house delivery flow
- Dock master keeps the final say

BUSINESS OUTCOME

Reduced congestion, safer operations and smoother precinct logistics; no queue on the street, and one sequence across every tenant.



Concept visual

SMART ZONES AND KERBSIDE MANAGEMENT

The kerb, measured.

CHALLENGE

Cities need objective data to manage parking, traffic flow and access rules, and a way to bring site logic to the kerb: a bay that can be held, with an officer keeping the final say.

ZONE MONITORING

Entry, exit and dwell for every bay

ZONE RULES

Configurable time and access windows

REAL-TIME VIEW

Occupancy and overstay as it happens

DECISION SUPPORT

Data for operational and policy decisions

THE PILOT

A held bay on a public street

WE BRING

- Plate-reading zone monitoring, solar powered
- Dwell time tracking per bay
- Parking and traffic analytics
- Reporting for councils and road authorities
- One city zone measured: 158,000 movements in a quarter, monitoring only
- The held bay, proven inside sites

BUSINESS OUTCOME

Objective data for better mobility decisions, and the first public street pilot of a kerb that decides, with an Australian partner.

RTLS

REAL-TIME LOCATION SYSTEM

Precise location of vehicles, robots and assets in environments where GPS is unavailable or not good enough.

POSITIONING WITHOUT THE SKY

Indoors, under roofs, underground.

Half of logistics happens where satellites cannot see: inside warehouses and plants, in covered yards and depots, in tunnels. Our systems grew up there, moving fleets and robots every day without GNSS, and our Horizon Europe research programme pushes the same positioning further.

Warehouse and plant

Forklifts, AMRs and pallets located to the bay, no satellites needed.

Covered depot

Bays and vehicles tracked under a roof, where GPS based telematics goes dark.

Tunnel and underground

The same logic where the sky never reaches.

Feeds TLS

Position is the data behind every decision the site makes.

ABOUT M2M SOLUTIONS

Logistics, mobility and automation.

A technology company from Žilina, Slovakia, building the software that runs sites: transport, warehouse, internal logistics, robots and access. Deployed and supported from Europe to China, India and Brazil, and now in Australia, with the same people who built it.

2010

FOUNDED

13

COUNTRIES
AND 3 CONTINENTS

1,900+

PROJECTS

2025

AUSTRALIA
PRESENCE

BETTER UTILISATION REDUCED CONGESTION INCREASED VISIBILITY LOWER EMISSIONS DATA FOR DECISIONS

BUILT IN

Lower emissions

Less idling, fewer wasted movements, the same work on fewer trips: fuel not burned, on every site we orchestrate.

ESG reportable

Every movement logged, so the site 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.

M2M
SOLUTIONS

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