

Technical specification

Deployment, consignments, dispatch, the driver app, proof of delivery, cash on delivery, the hub, settlement, security, data and service for asasii logistics.

Deployment

Where it runs	The operator's own cloud account or data centre
Licence	The operator owns the software outright
Installed by	idataraya, who installs it, configures it to the operation's own network and rates, hardens it and keeps it current
Keys, backups and data	Held by the operator's team
Rollout	On a single route or a single hub first, before the operation commits
Works beside	asasii ledger for collections; asasii fleet for the vehicles themselves

Consignments

The record	One record per consignment, from booking through delivery
On the record	The customer, the contents, the service level and the charge
History	Who ordered it, which run took it, what was collected and what was proven at the door
Read by	Dispatch, the driver app, proof of delivery, cash on delivery, the hub, settlement and the customer's tracking page
Customers	Book, track and check their delivery history themselves, with the same status the hub sees

Dispatch

Assignment	Jobs assigned to routes, vehicles and drivers
The day's plan	Built once and adjusted as it changes
Working from	The current position, not a sheet printed before the first van left

The driver app

The run	The stops in order, the parcels on board, the collection due at each door, and what to do when nobody answers
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Out of coverage	Deliveries, collections and proof captured offline and synced when the signal returns
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Proof of delivery

Captured at the door	Signature, photograph and timestamp
Attached to	The consignment, as it happens
Disputes	Settled by opening the record

Cash on delivery

Payment at the door	QR, card or cash
Recorded	Against the consignment, at the point of collection
End of the run	What each driver owes is a figure the system already holds
Reconciliation	Per driver, per run and per depot
Shortfalls	Identified against a specific run, not found in a monthly total

Hub and depot

At the hub	Inbound scanning, sorting and loading, each recorded
Between hubs	Handover recorded
Location	A parcel's location is a record, not an assumption
Exceptions	Visible at the hub while there is still time to act on them

Contractor and haulier settlement

Held against the contractor	Rates, trip records and deductions
Statements	Generated from the trip records the operation ran on

Security

Sign-in	Single sign-on with the operator's identity provider and MFA on every console
Roles	Scoped by hub and function
Audit trail	Every action recorded with the previous value, kept for seven years

Data and integration

Personal data	Customer details, signatures and delivery photographs stay in the operator's own environment, under the Personal Data Protection Act 2010
Export	Every record exports on request
Systems already in use	Accounting packages, customer systems and the marketplace and e-commerce platforms the operator sells through stay where they are; idataraya integrates asasii logistics with them
API	Documented, and open to the operator's other systems and third parties

Service

Support	On the operation's own clock, including the sort at four in the morning
Response	Severity-based response times, measured monthly
Monitoring	Continuous, from within the operator's environment
Backup	A drilled backup and restore
Agreement	One yearly fee covering software updates, the customisations made for you, monitoring, and response and restoration targets. Hosting stays with the operator

asasii logistics is a product of idataraya Sdn Bhd (1263428-K), Kuala Lumpur. Deployed in the client's own environment, customised and maintained by idataraya. info@idataraya.com · logistics.asasii.com