

Technical specification

Deployment, lanes, payments, billing, security, data and service for asasii parking.

Deployment

Where it runs	The property's own cloud account or data centre
Installed by	idataraya, who installs it, hardens it and keeps it current
Keys, backups and data	Held by the property's team
Sites	One platform for every property, each with its own lanes and account
Consoles	Operations, management, IT, group, and the customer and tenant portal, on one set of data

Lanes

Per lane	An asasii LPR controller and a barrier the controller can drive
Lane devices	Camera, driver display and barrier at every entry and exit lane, plus pay stations
Existing barriers	Most high-speed barriers qualify; the lane survey in the proposal lists which do and which do not
Network drop	The lane controller keeps reading plates, driving the display and opening the barrier for recognised vehicles, and syncs every session when the line returns
Payment for public vehicles	By plate from the phone, the pay station or a merchant counter, or by QR at the exit without leaving the car

Payments and settlement

Settlement	Host to host with the acquiring bank, into the account the property nominates
Reconciliation	Automatic, against the bank statement, with a reconciled report for finance
Card data	Taken by the acquirer's terminals and gateway; never touches the platform, so PCI scope is unchanged
Cash	None anywhere in the system

Billing

Season parking	Allotments derived from each tenancy's lettable area; extra vehicles charged at the season rate once the property approves them
Rent invoice	Season parking appears as one line on the tenant's regular invoice
E-invoicing	MyInvois, under the property's tax number
Tenant validation	Tenants validate visitors' parking against the company account and manage staff plates

Security

Sign-in	Single sign-on with the property's identity provider
Multi-factor authentication	On every console
Roles	Scoped by site and function
Audit trail	Every action recorded with the previous value, kept for seven years

Data and integration

Personal data	Plate images and personal data stay in the property's environment, under the Personal Data Protection Act 2010
Export	Every record exports on request
API	Documented; the property's finance system, building management system or a third party can read sessions, passes and settlements and post what they need to

IT console

Device estate	Every camera, barrier, pay station and gateway with firmware version, heartbeat and status; firmware campaigns from the console
Platform health	Lane availability, LPR read rate, API latency, gate events and open incidents, with their dependencies
Continuity	Primary and standby environments, recovery objectives, what keeps working offline, and drill results

Service

Response	Severity-based response times, measured monthly
Monitoring	Continuous, from within the property's environment

Backup	A drilled backup and restore
Hardware	A technician on site within the agreed window; spare devices held for the site; preventive maintenance visits
Agreement	One yearly fee covering updates, customisations, monitoring, response and restoration targets, maintenance visits, spare devices and on-site attendance. Hosting stays with the property

asasii parking 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 · parking.asasii.com