

Technical specification

Terminals, the counter, payments, the outlet, head office, e-invoicing, security, data and service for asasii pos.

Deployment

Where it runs	The retailer'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 retailer's team
Consoles	The outlet console for outlet managers, and the platform and fleet consoles for head office, on the same sales

Terminals

Hardware	Android point-of-sale terminals with a built-in printer and a card reader, and Android tablets with a separate reader and printer
Supported models	Listed in the terminal list in the proposal, including any the retailer already has
Dedicated devices	Provisioned so only the asasii pos app runs
Registration	Registered to the outlet with a store, outlet and terminal code
Lost terminal	Revoked from the fleet console
Customer display	A second screen facing the customer: every line, the member's name and tier, the promotions that apply, and the total

At the counter

Selling	Barcode scan, SKU lookup and a quick-entry keypad on one screen
Adjustments	Discounts, holds, split tenders, returns and voids, each with a reason on record
Receipts	Printed or sent, ready to become a MyInvois e-invoice on the customer's request
Sign-in	Employee ID and PIN on the terminal registered to the outlet; no shared logins
Status	The printer, the card terminal, DuitNow and the sync, always on screen

When the network drops

Catalogue and prices	Held on the terminal
While the line is down	Scanning, tenders and printing carry on; receipts, stock movements and e-invoices queue on the device
When the line returns	Everything syncs; nothing is lost and nothing is re-keyed
Visibility	Every offline queue on the fleet console

Payments

Tenders	Cards, DuitNow QR, e-wallets and cash, with split tenders and exact and quick-amount cash
Card reader	The acquirer's card reader, driven by the terminal over the counter link
Acquirer	The retailer's own acquirer and its rate
Card data	Never touches the terminal or the platform; the terminal holds tokens and settlement references only

The outlet

Opening and closing	The opening float and the closing count against expected, with the variance and who did it
Reads	X and Z reads for every session
On the same console	Returns and exchanges, click and collect, stock counts, labels, terminals and staff

Head office

Today	Takings, transactions and basket per outlet against the same day last week
The fleet	Every terminal's status and every offline queue
Spares and firmware	Spare terminals held for the chain and swapped within the agreed window; firmware rolled out under the yearly agreement

E-invoicing

On request	Any receipt becomes a validated MyInvois e-invoice
Consolidated B2C	Receipts not issued as individual e-invoices go to MyInvois in the consolidated submission on schedule
Rejections	Queued for finance with the deadline showing

Security

Sign-in	Single sign-on with the retailer's identity provider and MFA on every console; an employee ID and PIN at the till
Audit trail	Every action recorded with the previous value, kept for seven years

Data and integration

Personal data	Customer and staff data stay in the retailer's own environment, under the Personal Data Protection Act 2010
Export	Every record exports on request
API	Documented; the retailer's accounting system, loyalty programme, asasii commerce or a third party can read sales, receipts, stock and takings and post what they need to

Service

Response	Severity-based response times, measured monthly
Monitoring	Continuous, from within the retailer's environment
Backup	A drilled backup and restore
Terminals	Spare terminals held for the chain; terminal swaps and firmware rollout under the yearly agreement
Agreement	One yearly fee covering software updates, the customisations made for you, monitoring, response and restoration targets, terminal swaps and firmware rollout. Hosting stays with the retailer

asasii pos 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 · pos.asasii.com