

Product brochure

Point of sale for retail chains, owned outright.

Android tills that take every tender and keep selling through a network drop, with every receipt ready to become a MyInvois e-invoice. Bought once and owned outright.

Sells offline	The catalogue and prices live on the terminal.
Every tender	Cards, DuitNow QR, e-wallets and cash.
E-invoice ready	Any receipt can become a MyInvois e-invoice.
Owned outright	No fee per terminal and no share of sales.

What it does

Selling at the counter

A sale is a scan or a SKU on the keypad, a customer if there is one, and a tender. The terminal drives the card reader and prints or sends the receipt.

Scan, key and sell	Barcode scan, SKU lookup and a quick-entry keypad on one screen. The terminal holds the catalogue and prices, so a sale never waits on the network. Barcode scan and SKU lookup. A quick-entry keypad. Exact and quick-amount tenders.
The customer display	A second screen faces the customer: every line as it is rung up, the customer's name and tier when a member is attached, the promotions running, and the total. Line by line, with quantity, price and total. Member name and tier, and the promotions that apply. Subtotal, discount, tax and the amount to pay.
Holds, returns and voids	Discounts, holds, split tenders, returns and voids, each with a reason on record.
Receipts	Printed or sent, with the receipt ready to become a MyInvois e-invoice on the customer's request.

Payments

Cards, DuitNow QR, e-wallets and cash at the counter, with the acquirer's card reader driven by the terminal over the counter link.

Every tender	Cards, DuitNow QR and e-wallets are taken through the acquirer's card reader, and cash is counted at the drawer. Cards, DuitNow QR and e-wallets. Cash, counted at the drawer. Split tenders, with a reason on every void.
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The card reader, driven by the terminal	The terminal drives the acquirer's card reader over the counter link, so the amount goes to the reader and the result comes back without re-keying.
Card data stays with the acquirer	Card data never touches the terminal or the platform. The terminal holds tokens and settlement references only.
The retailer's own acquirer	Payments run through the retailer's own acquirer and its rate, not a vendor's gateway.

Working offline

The terminal holds the catalogue and prices locally and keeps taking sales. Receipts, stock movements and e-invoices queue on the device and sync when the line returns.

The catalogue lives on the terminal	Prices and the catalogue are held on the terminal, so scanning, tenders and printing carry on when the line drops.
Everything queues on the device	Receipts, stock movements and e-invoices are queued on the device while the line is down.
It all syncs when the line returns	Nothing is lost and nothing is re-keyed. The platform team sees every offline queue on the fleet console.

The outlet console

Opening and closing, shifts and takings, returns and exchanges, click and collect, stock counts, labels, terminals and staff on one console for the outlet manager.

Opening and closing	Opening the outlet counts the float and records who opened; closing counts the drawer against expected and records who closed. Opening float and closing count. The variance and who did it. X and Z reads for every session.
Sign-in by ID and PIN	The cashier signs in with an employee ID and PIN on the terminal registered to the outlet. No shared logins.
Shifts and takings	Shifts, takings and counted cash against expected for every session, with the variance and who closed the till.
Returns, click and collect and stock	Returns and exchanges, click and collect, stock counts and labels, on the same console.
Terminals and staff	The outlet's terminals and staff, managed by the outlet manager.

Head office and the fleet

Takings, transactions and basket per outlet against the same day last week, and every terminal's status, from the platform console.

Today by two o'clock	Takings, transactions and basket per outlet against the same day last week, from the platform console.
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The terminal fleet	Terminals are provisioned as dedicated devices so only the asasii pos app runs, and are registered to the outlet with a store, outlet and terminal code. Every terminal's status. Every offline queue. A lost terminal revoked from the fleet console.
Spares and firmware	Spare terminals are held for the chain and swapped within the agreed window, and firmware is rolled out under the yearly agreement.
A documented API	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.

E-invoicing

Any receipt becomes a validated MyInvois e-invoice on the customer's request, consolidated B2C invoices are submitted on schedule, and rejections are queued for finance with the deadline showing.

E-invoice on request	Any receipt can become a validated MyInvois e-invoice on the customer's request.
Consolidated B2C	Receipts not issued as individual e-invoices go to MyInvois in the consolidated B2C submission on schedule.
Rejections for finance	Rejections are queued for finance with the deadline showing.

Who it's for

Cashiers	Sign in with an employee ID and PIN, scan or key, take every tender and print or send the receipt, with the printer, the card terminal and the sync always on screen.
Outlet managers	Open and close the outlet, count the float and the drawer, and run shifts and takings, returns and exchanges, click and collect, stock counts, labels, terminals and staff.
Head office	Takings, transactions and basket per outlet against the same day last week, every terminal's status, and a documented API to accounting, loyalty and asasii commerce.
Finance	Counted cash against expected for every session, validated MyInvois e-invoices, consolidated B2C on schedule, and card data that stays with the acquirer.

A trading day on asasii pos

09:30 The till opens	The cashier signs in with an ID and PIN and counts the float into the drawer.
10:00 The first sale	Scan, tender and print, with the customer watching every line.

13:10 The line drops	The till keeps selling. Sales queue on the device and sync when the line returns.
14:00 Head office checks in	Takings per outlet against the same day last week.
16:20 An e-invoice request	The receipt becomes a validated MyInvois e-invoice.
18:00 Shift change	An X read, a counted drawer, and the next cashier signs in.
22:00 Closing	The Z read records the variance and who closed the till.
Month end Consolidated B2C	Receipts not issued as e-invoices go to MyInvois in one consolidated submission.

A licence, not a percentage of every sale

The retailer buys a point of sale and keeps everything it produces. idataraya is paid to build, customise and maintain it.

	A subscription POS	asasii pos
Who owns the software	The vendor; the till stops with the subscription	The retailer, outright
Where the data lives	The vendor's cloud	The retailer's own environment
The till when the network drops	Stops, or queues at the vendor's discretion	Keeps selling, syncs when the line returns
Payments	The vendor's gateway and its rate	The retailer's own acquirer
What it costs	Per terminal per month, plus a percentage of sales	A system, plus a yearly fee with defined response times

Security and Malaysian compliance

MyInvois e-invoicing	E-invoices on request, consolidated B2C on schedule.
PDPA 2010	Customer and staff data stay in the retailer's own environment.
PCI DSS	Card data stays with the acquirer. The terminal holds tokens only.
Single sign-on and MFA	On every console, with an ID and PIN at the till.
Dedicated devices	Terminals run only asasii pos and are revoked if lost.
Audit trail	Every action recorded and kept for seven years.

Services

Rollout plan and proposal	Send the outlet list, the terminal count and the tenders you take. An engineer replies with a rollout plan, a terminal list and a proposal, including any terminals the retailer already has that are supported.
Installation in your environment	asasii pos runs in the retailer's own cloud account or data centre. idataraya installs it, hardens it and keeps it current, and the retailer's team holds the keys, the backups and the data.
Support and maintenance	One team looks after the platform and the terminals for the life of the agreement. Severity-based response times, measured monthly. Continuous monitoring from within the retailer's environment. A drilled backup and restore. Spare terminals held for the chain and swapped within the agreed window. Terminal swaps and firmware rollout under the yearly agreement.
The yearly agreement	Software updates, the customisations made for you, monitoring, severity-based response and restoration targets, terminal swaps and firmware rollout. Hosting stays with you. It is a fee, not a percentage of sales.

Talk to our team

Send us the outlet list, the terminal count and the tenders you take. An engineer replies with a rollout plan, a terminal list and a proposal.

Send us	The outlet list, The terminal count, The tenders you take
You get back	A rollout plan, A terminal list, A proposal
Email	info@idataraya.com
Website	pos.asasii.com/contact/

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