

Technical specification

Deployment, events and levels, registration, gates, booths, the attendee app, money, reporting, security, data and service for asasii events.

Deployment

Where it runs	The organiser's own data centre or cloud account, under the organiser's own IT team
Installed by	idataraya, who installs it, customises it, hardens it and keeps it current
Keys, backups and data	Held by the organiser's team
Consoles	Head office, the event console, the vendor console and the IT console, on the same events
Event website	Find events, register, My tickets, the booth directory and vendor sign-up, in English and Bahasa Malaysia
Apps	The attendee app on iPhone and Android, the door staff app for the gate crews, and asasii pos at the booths

Events and levels

Levels	National, state, district and kampung; each office sees its own events and everything below it
Linked events	A child event links to a parent and keeps its own date, venue, programme and budget
From the parent	Theme, branding, reporting codes and the core registration fields; extra questions allowed
Booths and fees	Set by each child event, within head office fee limits
Roll-up	Every registration and booth sale rolls up to every level above
Status	Draft, waiting for approval, approved, live and closed
Calendar	A month view of every event at every level
Event setup	Basics, venue and dates, budget, registration and booths, with a short name used on tickets and booth codes

Approvals and budget

Proposals	Submitted with budget lines and routed to the approver by level and amount
Decisions	Approve, or return with a note, against a decide-within target, with the approval trail on record
Budget changes	Above a set share of the approved amount, decided one level above the approver
Budget	Allocated, approved and spent by level and by state, with booth fee income and spend by month
Flags	Events over their approved budget

Registration and tickets

Registration form	Fields, who fills each one, the type and whether it is required, with a live preview; changes published as a new version
Sign-in	The national digital ID fills in and locks the name and MyKad; age worked out from the MyKad date of birth
Languages	English and Bahasa Malaysia, picked on the first screen
Channels	The event website, bulk upload for groups, and walk-ins at the gate
Places	One count across every channel; a place is held while the attendee finishes; registration closes on a set date or when full
Ticket	One QR for the days chosen, in the app, on the event website or printed; works offline at the gate
Changes	Attendees change their days or cancel; the event team resends or replaces a ticket
Payment	Free, or paid through FPX and DuitNow QR
Attendee record	Ticket, check-ins and movement, sessions joined, booth receipts, certificate and consent record

Gates and check-in

Door staff app	Scans the ticket QR or takes the MyKad number, and shows a green tick, the name and the age group
Walk-ins	Registered at the gate with MyKad, with consent read out and recorded
Offline	Tickets checked on the device against the last ticket list; scans and walk-ins queue on the device and upload when the network is back

Duplicates	Flagged on upload
Restricted gates	A gate can be kept for one group, such as VIP guests
Zones and sessions	Door scans at halls and zones; people inside each zone against its capacity
On the console	Entries by gate and by hour, each scanner's staff, battery and last sync, and the offline queue

Booths and vendors

Floor plan	Booths in zones with size, fee, power and water, edited and published as a new layout version
Fee rules	By vendor type, applied when an application is approved
Documents	Uploaded once and reused until they expire; a list for each vendor type; checked against the SSM and halal registers where possible
Applications	Approve and offer a booth, or return for changes
Approval	Creates the vendor's asasii pos outlet with the booth number, the menu and the prices
Booth fee	Paid by FPX or DuitNow QR
Vendor registry	One list used at every level, with each document's status and expiry
Vendors on site	Opening time, till status, sales today and issues for every booth

At the booth

Till	asasii pos on a terminal lent by the organiser, or on the vendor's own Android tablet
Tenders	Cash, card and DuitNow QR
Team	Owner and helper roles; each person signs in with their own PIN
Menu and stock	Kept in the vendor console and sent to the till; stock counts down as the till sells
Offline	Sales queue on the device and sync when the line returns
Receipts	Printed or sent as a QR; attendees can keep booth receipts in the app

Attendee app and event website

Home	Today's agenda, the organiser's announcements and quick links to the map, booths, programme and help
Ticket	One QR for the days chosen

Booths	A booth finder by zone and type
Map	The site map with the stages, gates, services and booth zones
Certificate	Issued once the attendance and feedback rules are met, with a QR anyone can check, and as a PDF
Event website	Events by level, state and date, the event page, registration, My tickets and the booth directory

The event day

Today	Registrations against places, check-ins and walk-ins, booths trading and booth sales
Run of show	Sessions by day and stage, with the speaker or host and the status; changes published to attendees
Incidents	Severity, owner, status and a timeline of updates; logged by the team or raised by a vendor with a photo
Announcements	To attendees, vendors or door staff by push, SMS or email, narrowed to a group, in each person's language; SMS cost shown before sending
Certificates	A template, attendance and feedback rules, and a QR anyone can check

Money and reporting

Booth fees	Collected and outstanding, paid by FPX or DuitNow QR before opening
Booth sales	By payment type, from asatii pos
Settlement	One batch per channel per night, with transactions, gross, fees and net to vendors; late offline sales in a batch of their own
Test payout	Confirms each vendor's bank account before the event
Budget against spend	Approved against spent and committed, by budget line
Close-out report	Drafted when the gates open, filled live from the gates, asatii pos and incidents, approved up the chain, downloaded as a PDF
Reach and targets	Participants by age band, gender, state and level, counted from check-ins, with targets against actual; PDF and Excel, or scheduled monthly
Finance export	Approved budgets, booth fee income and vendor payouts, in a nightly file

Security

Staff sign-in	Single sign-on with the organiser's identity provider and MFA on every console
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Attendees and vendors	Sign-in with the national digital ID
At the till	Each helper's own PIN
Roles	Scoped by level and office; door staff scan at their assigned gates with no access to attendee records
Audit trail	Every change and every view of personal data, kept for seven years, read only

Data and integration

Personal data	Attendee, vendor and staff data stay in the organiser's own environment, under the Personal Data Protection Act 2010
Consent	Recorded at registration with the privacy notice version and each optional choice
MyKad	Masked on screen and in exports
Retention	Set per record type; a yearly purge deletes what is past its period
Requests	Access, correction and withdrawal of consent, tracked
Export	Every record exports on request
Connections	The national digital ID, FPX and DuitNow QR, asasii pos, SMS, email and the finance system
API	Documented REST with JSON and scoped keys; every request carries a request ID, shown as the reference on errors

Service

Response	Severity-based response times, measured monthly
Monitoring	Continuous, from within the organiser'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 organiser

asasii events 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 · events.asasii.com