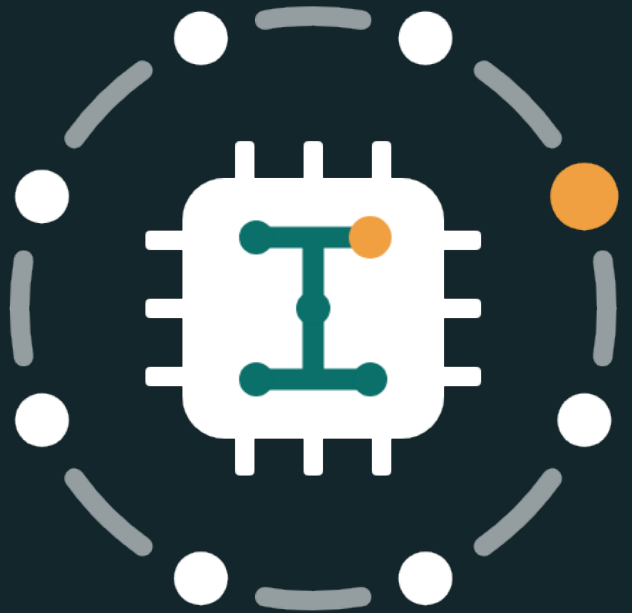
ISOVARA ECOSYSTEM PROGRAM

Build the device. We built the rest.



The cloud, the apps and the operators who sell them, open to your hardware

THE PROBLEM WE REMOVE

Every connected device needs a cloud behind it. Yours doesn't have to build one.

Enrollment, credentials, a broker, dashboards, alerts, accounts, billing and signed updates: already built, already selling, measured at 10,000 devices on 1% of a core.

WHAT YOUR DEVICE GETS

Day one on Isovara Cloud

CLOUD

Already built

- Claim-code enrollment, per-device credentials
- Email and SMS alerts, 13 ready-made rules
- Charts, CSV export, groups, scheduled jobs
- Customers, viewers, technicians, operators

CHANNEL

Already selling

- Operators resell monitoring under their brand
- Hosted service and licensed installs
- Per-device plans through operators' Stripe
- Brand packages without a rebuild

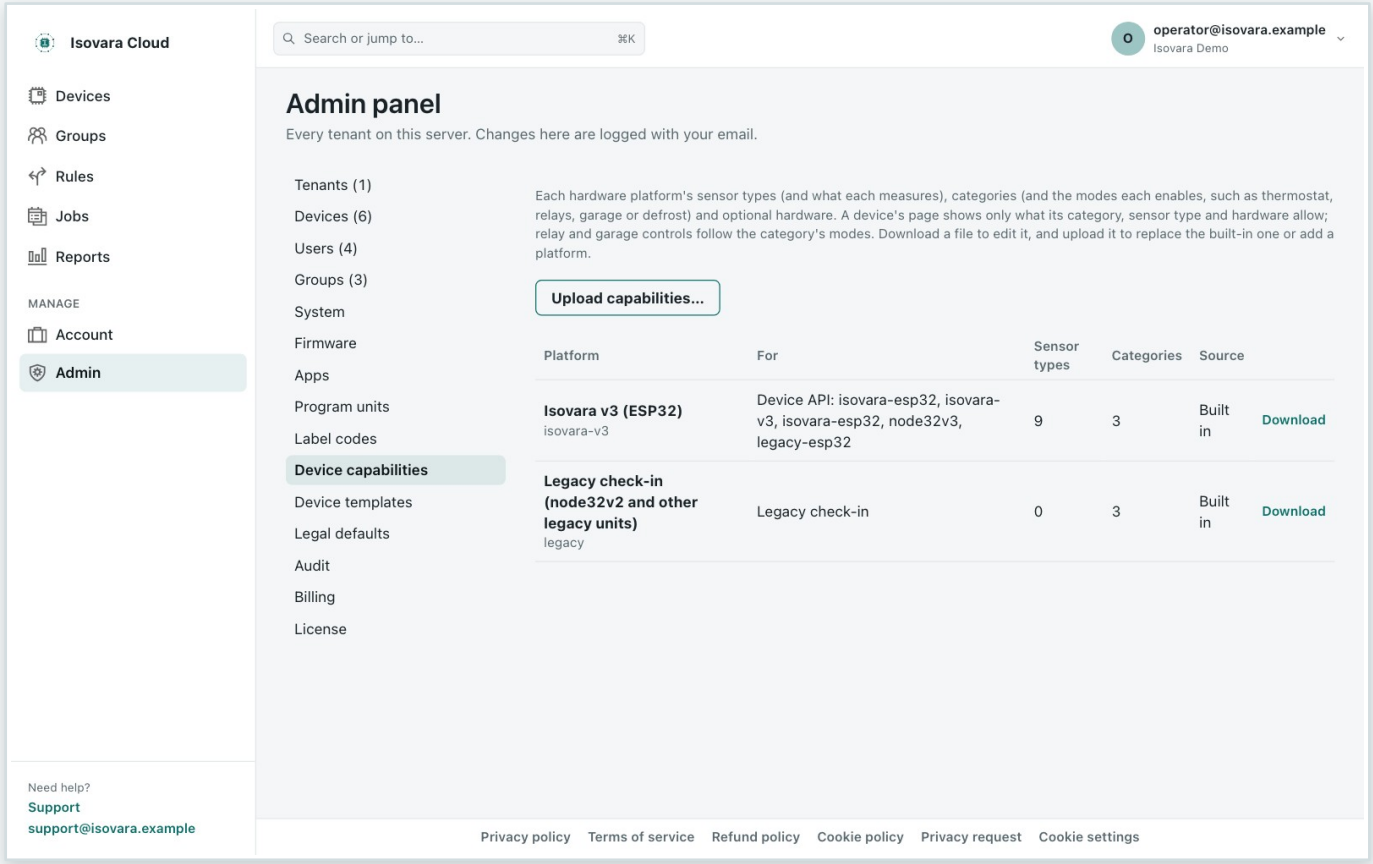
UPDATES

Your keys

- Sign with your own offline Ed25519 key
- Register only the public key
- Staged rollouts to a share or a group
- SHA-256 check and automatic rollback

Declare it once; every screen follows

- Capabilities file: your sensor types, modes and optional hardware
- Device template: your tabs and operations, from an OpenAPI document
- Extra values (up to 32 per reading) usable in rules
- Numeric values you mark get history and charts



WHO GAINS

Operators get a wider catalog; customers get one app

OPERATORS

- Sensors Isovara v3 lacks, in the same portal
- Same alerts, rules, groups, jobs and rollouts
- Certified: checklist, scenarios, 72-hour run
- Same plans, Stripe account and branding

CUSTOMERS

- Added with the code on the label
- Private: TLS and its own credentials
- Safe updates with rollback
- Safe to pass on: reset erases credentials

PARTICIPATION LEVELS

Developer, Certified, Partner

	DEVELOPER	CERTIFIED (PER PRODUCT)	PARTNER
You get	Guide and OpenAPI; staging tenant; platform ID; test codes; support	The mark; operator catalog listing; production registration; certificate number	Co-marketing; operator introductions; early protocol access; roadmap seat
You commit to	Staging only; NDA; no use of the mark	Stay conformant; recertify on triggers; answer security reports in [N] days	Annual joint plan; references
Cost	[fee or free]	[fee per product]	[by agreement]

CERTIFICATION CLASSES

One mark, two classes



Native · Class A

HTTPS device API, then its own MQTT-over-TLS channel. Live commands, full configuration, remote console, cloud updates, brand pushes. Required for new designs that can hold a connection.

Reporting · Class B

HTTPS device API only. Readings, settings in each reply, configuration by polling. For battery-powered, sleeping or very small devices.

The published checklist, plus ten scenarios and a 72-hour run

AREA	WE VERIFY
Identity and hardware	ID from hardware on the label; truthful hardware report; memory headroom; A/B slots
Enrollment and trust	Factory and enrollment codes; refusals handled; trust bootstrap; no plain-HTTP cloud
Cloud channel	Online/offline status; one report path; credential refresh; reconnect with backoff
Messages and commands	Published formats; acknowledgments within 2 s; no repeats; atomic configuration
Updates	Own-platform signed images only; progress reported; automatic rollback
Security	No secrets in reports, logs or dumps; admin password; lockout; setup timeout

THE PATH

From application to listing in seven steps

1

Join

Agreement, NDA, staging tenant

2

Register

Capabilities, template, public key

3

Self-test

Checklist and ten scenarios

4

Submit

Evidence, signed release, samples

5

Lab review

We rerun; you fix and resubmit

6

Certified

Certificate number, mark, listing

7

Stay certified

Signed releases; recertify on triggers

AFTER CERTIFICATION

Staying certified and using the mark

Recertify when

- Major firmware version, or changes to enrollment, trust, credentials or updates
- A hardware revision that changes radio, memory, storage or power
- A new device API protocol version
- Every year: a renewal attestation

Using the mark

- Only on the certified product, with its class and certificate number
- Never redrawn, recolored or cropped; clear space a quarter of its width
- At least 20 mm in print, 96 px on screen
- Never suggesting Isovara makes or warrants the product

GET STARTED

Apply to the Isovara Ecosystem program

[Program contact: email, phone, web address]

Read first: the Hardware Developer Guide (under NDA) and the API guide.