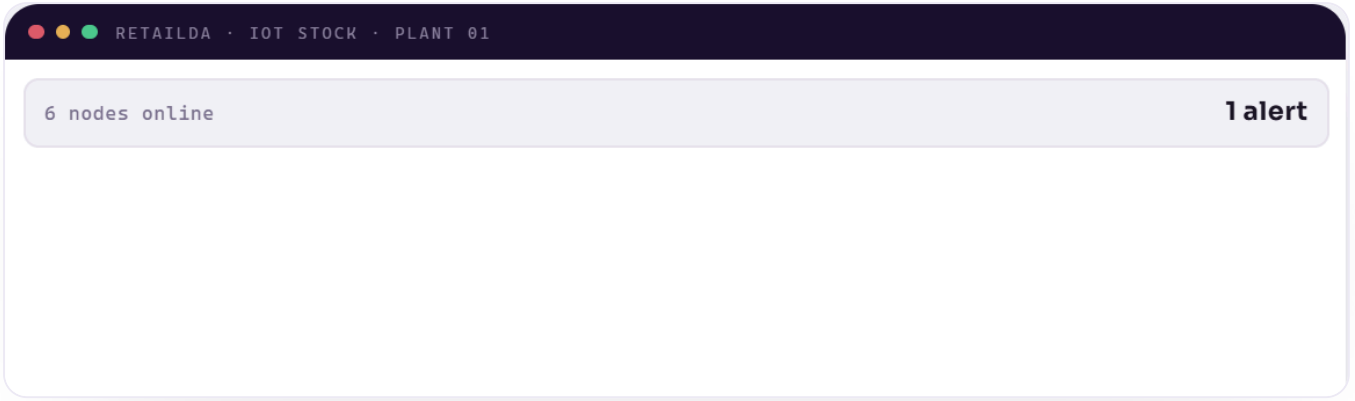
PRODUCT DATASHEET · INVENTORY & MANUFACTURING

IoT Stock

Plant telemetry & remote control — sensors to ledger.

The plant floor online: sensors and controllers stream readings into the same ledger that tracks consumables — with remote plant control through a self-hosted automation hub embedded in the panel, plus automation-hook integrations. Proven on our own ShivOlive™ water-treatment plants.



97 terminals live on one deployment	**5 yrs** production on the original build	**Air-gap** proven at defence sites	**₹20L** lost in 48h — none since

WHAT IT CHANGES ON THE FLOOR

Plant telemetry to ledger

Tank levels, flow and dosing state stream from site controllers into stock and alert records.

Remote plant control

Start, stop and monitor treatment lines from a phone — the self-hosted automation hub runs embedded inside the admin panel.

Automation hooks

Sensor events fire automation-hub and IFTTT-class hooks — thresholds become alerts, tasks and ledger entries.

Consumable tracking

Media, chemicals and spares decrement with runtime — reorder points fire from real consumption, not the spreadsheet.

Proven on our own plants

The same controllers and dashboards run ShivOlive™ commercial water-treatment sites daily.

In production since 2021 — retail, defence, education, manufacturing & hospitality

AVAILABILITY

Included on Scale (Industrial IoT Suite), or + ₹4,999/site/mo ($69) add-on

RUNS ON

Any device · offline-first · your infrastructure or ours

COMPLETE CAPABILITY SET — 10 FEATURES

- ✓ Sensor→ledger telemetry — tank levels, flow and dosing state stream into stock & alert records
- ✓ IFTTT-class automation hooks — threshold triggers fire workflows on your own instance
- ✓ Consumables auto-count — filter media, resin and chemicals deplete against plant run-hours
- ✓ Per-node dashboards — every gate, zone and line mapped to its own live panel
- ✓ Audit log per control action — who started what, when, from where
- ✓ Self-hosted automation hub embedded in the panel — plant control needs no cloud subscription
- ✓ Remote plant control — pumps, valves and dosing start/stop from the ledger UI
- ✓ Threshold alerts to WhatsApp & email — low tank, high TDS, overdue media change
- ✓ Edge-first runtime — the hub keeps the plant running when the internet drops
- ✓ Proven in production — runs our own ShivOlive™ water-treatment plants

BUILT FOR

Manufacturing · Utilities · Water treatment

THE ECONOMICS

	RETAILDA™	PER-SEAT SAAS PATTERN
Pricing unit	Per site — staff accounts unlimited	Per user — every hire compounds the bill
Modules	Toggle on what you need, priced like apps	Per-module add-ons stacked on per-seat tiers
Connectivity	Runs fully offline — forever, if you want	No link, no sale
Data	One database per client — export anytime	Multi-tenant pool, export rituals

How IoT Stock compares

Verified against current competitor pricing and feature documentation — retailda.com/compare#iot-stock

ALTERNATIVE	WHERE RETAILDA™ WINS
Generic IoT dashboards	Telemetry lands on the same ledger as stock, purchasing and alerts — not a second dashboard you have to reconcile.
IFTTT / cloud hubs	The automation hub is self-hosted and embedded in the panel — no cloud dependency, no per-applet metering.
SCADA integrators	Plant-grade remote control at a per-site licence — not a per-tag consultancy bill.

DEPLOYMENT MODELS

MODEL	WHAT IT MEANS
Shared cloud	Fastest start — provisioned, patched and monitored for you. Per-site pricing, unlimited staff.
Private cloud	Your own isolated instance — one client, one database. No multi-tenant pooling.
TolsTek Host	On-premise enterprise server — ECC memory, power-loss-protected NVMe, hardware RAID. Also runs the local AI daemons.
Air-gapped	Zero external calls, permanently — proven at defence installations where isolation is mandatory.

WORKS WITH — the platform fabric

UPI & QR · EMV terminals · ESC/POS & thermal · LoRaWAN · Zigbee · MAVLink · MCP agents · ONDC (testing) · WhatsApp Business · Excel/CSV · CloudPRNT · OTAs via channel pipeline

RUNS WITH

Inventory Control · Stock Transfers · Procurement & Purchase Orders · COGS & Margin Analytics · Manufacturer · Stock Audit & Bulk Data

Deployment & rollout

What a IoT Stock deployment actually looks like — bring this page to whoever signs off.

ROLLOUT

01 **Sandbox first**
Your catalogue, opening stock and flows run in a sandbox before anything touches production.

02 **Guided migration**
Bulk import of items, barcodes, suppliers and opening stock — Excel/CSV in one pass.

03 **Pilot site**
One counter or one site goes live first — measured against your old process, not promises.

04 **Staged rollout**
Remaining sites switch over on your schedule — staged, sandbox-first cutover.

COMMERCIAL MODEL

Pricing	Included on Scale (Industrial IoT Suite), or +₹4,999/site/mo ($69) add-on — priced per site, never per user. Staff accounts are unlimited.
Ownership	Your data, your keys, your export — leave with everything. No data lock-in.
Support	Real engineers, ticket-based. Feature unlocks are toggles, not projects.

Included on Scale (Industrial IoT Suite), or + ₹4,999/site/mo ($69) add-on

Sign up today — retailda.com/signup · no card required to start

Talk to an engineer

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