



SOLUTION FOR RETAIL & RFID POINT OF SALE

ZoneX Caisse — RFID checkout and store stock accuracy

A full basket, scanned in one second.

- Faster checkout
- Stock you can promise
- Loss prevention
- Store-level insight



The promise

A full basket, scanned in one second — and a stock figure the store can trust.

THE SITUATION TODAY

Checkout is a queue of single scans

Every item is picked up, turned, aligned and beeped. The queue is the customer's last memory of the visit.

Store stock accuracy is a guess

The system says the size is in stock. The shelf disagrees. The online order is cancelled and the customer is gone.

Counting closes the store

A real stocktake means closing, or paying a night team, and it happens a few times a year.

WHO THIS IS FOR

Retail operations and store directors,
supply-chain and inventory managers,
omnichannel and digital-transformation leads,
loss-prevention managers.

What it costs you today

01

Checkout is a queue of single scans

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02

Store stock accuracy is a guess

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03

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04

Shrinkage without a story

Losses appear as a number in a monthly report, with no event, no door and no time attached.

05

Omnichannel promises on unreliable data

Click-and-collect and ship-from-store only work if the stock figure is right — and it usually isn't.

06

Replenishment blind between backroom and floor

Nobody knows what is in the backroom versus on the shelf without walking it.

How we solve it

1

RFID checkout

The cashier opens a session on a chosen reader and antennas; the basket is read in one pass over MQTT, grouped by product type and price, and paid — no item-by-item scanning.

2

Order history and sessions

Every sale session and order is stored, with the EPCs that made it up — a real link between a sale and the physical items.

3

Fast, frequent stock counts

A handheld walk-through counts the sales floor and backroom in minutes, with the gap computed automatically against the registry.

How we solve it

4

Exit-gate loss prevention

Fixed readers at the store exit detect unsold tagged items leaving and raise an instant alarm.

5

Category and zone visibility

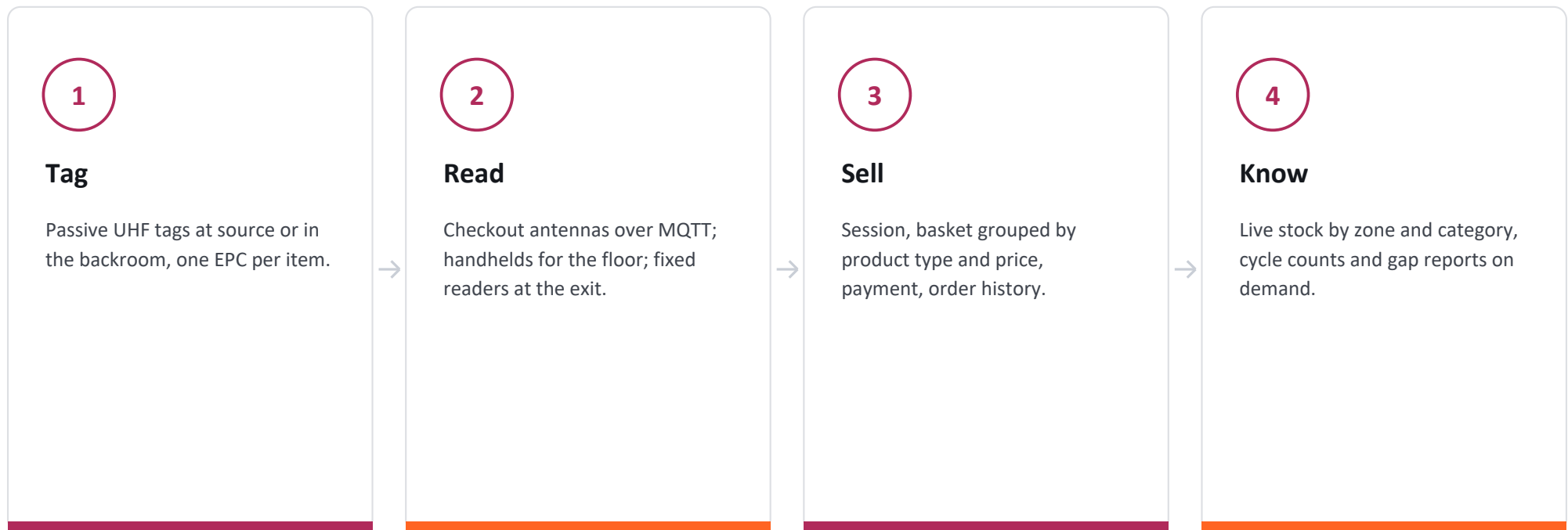
Real-time views by zone, category and product type, including foreign tags that do not belong to the company.

6

One registry across stores

Multi-site, role-based access to the same asset and product registry, with exportable reports.

How it works



A full basket, scanned in one second — and a stock figure the store can trust.

What you get

Faster checkout

A whole basket read in one pass instead of item by item.

Stock you can promise

Frequent counts make click-and-collect and ship-from-store credible.

Loss prevention

Unsold items leaving the store are detected at the door, not at month end.

Store-level insight

Category, zone and foreign-tag visibility in real time.

References: ZoneX Cloud Caisse module (SaleSession / SaleOrder, MQTT scan)

Proof in production

Delivered by the ZoneX Cloud Caisse module in the platform (sale sessions, orders, EPC scanning over MQTT and payment), on the same registry, alert engine and reporting used by ZoneX industrial deployments.

IN OPERATION

- **ZoneX Cloud Caisse module (SaleSession / SaleOrder, MQTT scan)**

Every capability in this document is in production today. Figures quoted are ZoneX field measurements, not projections.

Why ZoneX

POS and stock on one registry

The checkout and the inventory read the same EPCs.

No workflow imposed

Reader and antenna selection per session; mobile, desktop and MQTT counting modes.

Deploy per store

Start with one till and one exit gate; scale across the estate.

Hardware freedom

Chainway and Hopeland readers, certified CE / FCC / RoHS.

Local support

Sfax, Tunisia — on-site response in hours.



Talk to us

Book a demonstration on your own site.

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Making Every Asset Visible.