Warehousing, wholesale and distribution / OD-01

Making full use of warehouse capacity

When modern warehouse space is scarce, every pallet position in the existing warehouse must be recorded and used correctly.

Little new space. Existing space is full.

International organisations estimate that demand for modern warehousing in Uzbekistan exceeds supply several times over, while existing warehouses are almost full. Under these conditions, knowing where each pallet position is and how well it is used translates directly into money.

Conceptual architecture. No operating results are shown.

01 Receiving	Pallet ID · Location suggestion · Confirmation via handheld terminal (TSD)
02 Put-away	ABC analysis · Fast movers kept close · Relocation
03 Capacity	Pallet position map · Occupancy % · Space by client
04 Reporting	Turnover · Stocktaking · 1C stock balance

At a glance

4 million m² — World Bank estimate of Class A warehouse demand in 2025. Actual supply is 513,000 m². [1]

95% — Average warehouse occupancy in 2024, according to the World Bank; 98% in Tashkent and Namangan. [1]

1.5% — Vacancy rate in Class A warehouses, according to IBC Global. [2]

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01 Evidence and context

Who it is for

Warehouse owner	Occupancy of floor space and pallet positions.
Warehouse manager	Speed of receiving, put-away and picking.
Logistics director	Rental and storage costs.
Finance director	Cost per pallet position.

Facts and global practice

World Bank

In 2025, demand for Class A warehouse space was 4 million m²; actual supply was 513,000 m². [1]

World Bank

Average warehouse occupancy in 2024 was 95%, and 98% in Tashkent and Namangan. [1]

World Bank

At least 2 million m² of modern warehouse space is needed by 2030 to meet freight transport targets. [1]

IBC Global

Supply of quality Class A and B warehouse space is 795,000 m², Class A vacancy is 1.5%; the shortage of quality warehouse space is approximately 400,000 m². [2]

IBC Global

35% of new warehouse demand comes from e-commerce and marketplaces, and 28% from 3PL and distribution. [2]

Commonwealth Partnership (CMWP), 2024 review

The first Class A warehouses in Tashkent opened in 2024; Class A vacancy was expected to fall to zero. [3]

The World Bank and IBC Global measure warehouse space differently, so their figures do not match. Both reach the same conclusion: modern warehouse space is in short supply and existing warehouses are full.

02 Where the losses occur

Pallet positions have no addresses

Goods are placed in "any free spot" and then searched for later. Only the storekeeper knows which positions are occupied and which are free.

Fast-moving goods are stored far away

When goods shipped many times a day are stored deep inside the warehouse, picking and loading take longer.

Stock and location are recorded separately

1C shows the quantity, but not where in the warehouse it is located. Stocktaking takes a long time.

Occupancy is not measured

It is impossible to say what percentage of the warehouse is occupied or how much space each client or product takes up.

How the loss is calculated

Cost per position	monthly rent or cost (per month) / number of occupied pallet positions
Search time	search time per employee per day (min) / 60 × number of staff × hourly labour cost
Picking time	time per order (h) × orders per day × hourly labour cost
Stocktaking	warehouse shutdown days per year × daily turnover

Illustrative calculations; establish the baseline, units and rates during the site assessment. Avoid counting the same loss twice.

03 Solution architecture

Every pallet position in the system

The warehouse is divided into addressed locations, and every pallet and position is confirmed by scanning. The system suggests put-away locations based on product turnover rate.

01 Receiving

Pallet ID · Location suggestion · Confirmation via handheld terminal (TSD)

02 Put-away

ABC analysis · Fast movers kept close · Relocation

03 Capacity

Pallet position map · Occupancy % · Space by client

04 Reporting

Turnover · Stocktaking · 1C stock balance

Modules

WMS: receiving, put-away, picking, shipping	Addressed storage and tasks	Commercially available
TSD app	Scan confirmation of every operation	Commercially available
Warehouse map and occupancy reports	Occupancy by location, client and product	Commercially available
1C integration	Synchronisation of documents and stock balances	Commercially available

Each module has a readiness status. Third-party results are not a forecast for your site.

04 Implementation and measurement

01 Warehouse audit

Floor space, pallet positions, processes and product turnover are measured.

Output: occupancy and loss map.

02 Addressing

The warehouse is divided into zones and pallet positions.

Output: every position in the system.

03 Launch

WMS and TSD in one zone first, then across the entire warehouse.

Output: operations confirmed by scanning.

04 Subscription and monitoring

Monthly report; put-away rules are updated.

Output: occupancy and speed trends.

What is measured

Occupancy	Occupied pallet positions / total	WMS
Put-away accuracy	Share of pallets placed in the location suggested by the system	WMS, TSD
Picking time	From order receipt to completed picking	WMS
Stocktaking discrepancy	Difference between the system and the accounting records	WMS, 1C
Search incidents	Number of pallets not found	TSD log

What is needed to start

- Person responsible for the warehouse
- Warehouse layout and list of racks
- Product and turnover data
- Test access to 1C

05 Readiness checklist and next step

01 Does every pallet position have an address?	Yes / No / Unknown
02 Can the system show which positions are occupied and which are free?	Yes / No / Unknown
03 Does the system suggest a location when goods are received?	Yes / No / Unknown
04 Are fast-moving goods stored close to the shipping area?	Yes / No / Unknown
05 Do pallet search incidents occur?	Yes / No / Unknown
06 Are 1C stock balances visible by location?	Yes / No / Unknown
07 Is stocktaking carried out without stopping warehouse operations?	Yes / No / Unknown
08 Is warehouse occupancy measured as a percentage?	Yes / No / Unknown
09 Is every operation confirmed by scanning?	Yes / No / Unknown
10 Is there a person responsible for the warehouse?	Yes / No / Unknown

What we do not promise

• Exact timeline and price without an audit

• Government decisions and deadlines

• Expansion of warehouse floor space

• Unmeasured results or savings

Warehouse audit

We measure the pallet positions, occupancy and processes in your warehouse and show where capacity can be recovered.

• Occupancy and location map

• Put-away recommendations

• WMS implementation plan: implementation fee and monthly subscription

Scope, price and schedule are agreed after reviewing the site and its data.

06 Sources and scope

[1] World Bank, Uzbekistan Private Sector Diagnostic. spot.uz, 17.07.2026.

spot.uz

[2] IBC Global, Central Asia Warehouse Summit (Tashkent). bizmedia.kz, 20.04.2026.

bizmedia.kz

[3] Commonwealth Partnership Uzbekistan, Tashkent warehouse market review, 2024. spot.uz, 10.03.2025.

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