



QAQ Karton ERP System

A complete management solution
for corrugated board production

17

MODULES

9

REPORT TYPES

4

WAREHOUSE TYPES

From order to finished goods, from paper reel to profit — in one system.

System Overview · 2026



1. What the system is

QAQ Karton ERP is a system that manages the entire operation of a corrugated board plant in one place. It starts with the customer order, continues through reel cutting and production, and ends with the warehouse, sales, receivables and the cash desk. Every step is recorded with a document and can be traced back.

CORE PRINCIPLE

Every number has a document behind it

Warehouse quantities, customer debt, product cost — all of it is built up from specific documents. The question “where did this come from?” always has an answer.

WHO IT IS FOR

Corrugated board plants

Businesses that buy paper reels, cut them, produce boxes and sell them to customers. The system is built specifically around this workflow — it is not a generic ERP adapted to the industry.

Problems it solves

PROBLEM	HOW THE SYSTEM SOLVES IT
Cutting calculations are done by hand, and mistakes happen	Sheet size, running metres, area (m ²) and reel consumption are calculated automatically from the box dimensions. The flute take-up factor is taken into account.
The true cost of a product is unknown	When the same material is bought at different prices, cost is calculated using the AVCO (weighted average cost) method. Additional costs on a goods receipt (customs, freight) are allocated proportionally across the lines.
Customer debt is kept in a notebook, and it gets mixed up which invoice it belongs to	Payments are allocated using the FIFO rule, starting from the oldest invoice. The outstanding balance — and which invoice it sits on — is visible at any time.
Warehouse stock does not match reality	Every movement is tied to a document. A built-in tool reconciles stock against documents : it finds discrepancies, shows them and, with your approval, corrects them.
Nobody knows who changed what	All changes are logged : who, when and what. Deleting a record that has history is blocked by the system.

2. Workflow — from order to cash

The system follows the plant's real sequence of work. Each step takes its data from the step before it, so the same figure is never entered twice.

1 Order intake

The customer, box dimensions (length × width × height), flap, flute type, number of plies, paper grade, grammage, quantity and price are entered.

2 Production planning

The order is added to the plan. The system itself calculates the sheet size, running metres and how much will be consumed from each reel. A plan moves through the stages "queued → in progress → completed".

3 Reel consumption

The reel physically weighed on the production floor is recorded under "Reel usage", and exactly that amount is issued from the warehouse.

4 Finished goods

When a plan is completed, the finished boxes are posted to the production warehouse. Their cost is calculated from the reels consumed.

5 Warehouse transfer

Goods are moved from the workshop to the sales warehouse. A transfer is a document — if it is deleted, the goods return to where they came from.

6 Sales invoice

A sale issues the goods from the warehouse, increases the customer's balance due and produces a print-ready invoice.

7 Payment and reporting

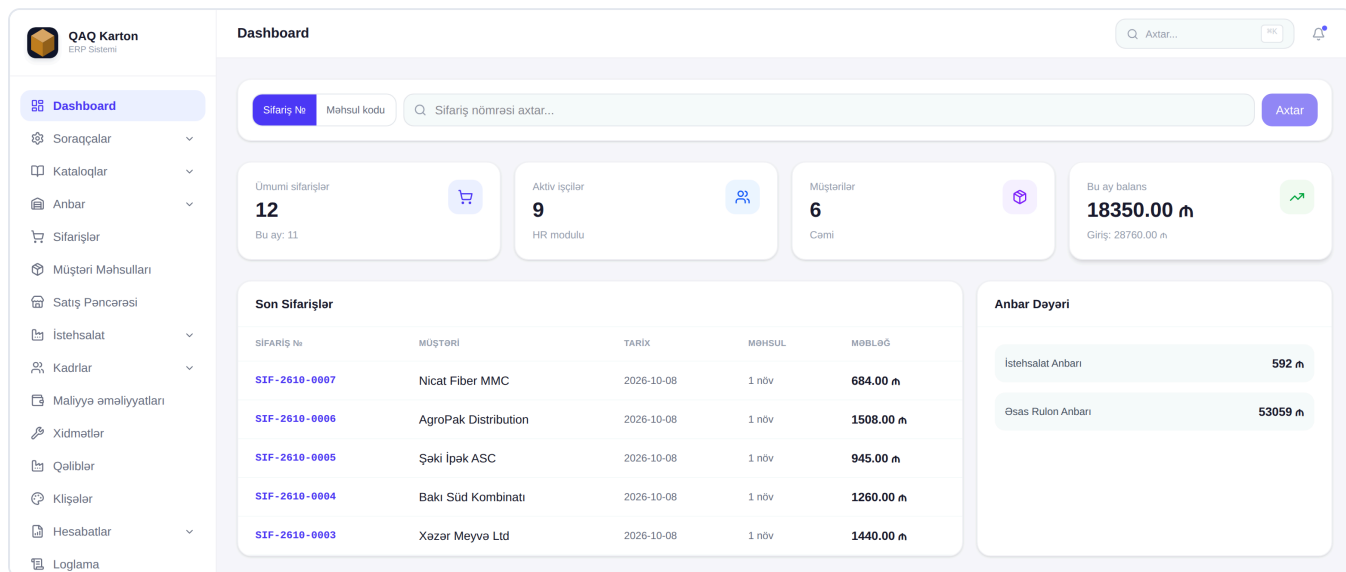
A payment received at the cash desk settles the debt starting from the oldest invoice. Profit, expense and receivables reports update automatically.

The result

The path of a single order can be traced end to end: which reel it was cut from, how many kilograms were used, what it cost, who it was sold to and whether the money was received. This chain is never broken.

3. Dashboard

The first screen you see after signing in — the state of the day at a glance.



Dashboard — key indicators, latest orders and warehouse value

The top row shows the number of orders, active employees, the number of customers and the cash balance for the current month. Below it are the list of latest orders and the value of each warehouse in manat (AZN). A quick search bar for order numbers and product codes sits at the very top.

The menu on the left groups all modules: **Reference Data**, **Catalogues**, **Warehouse**, **Production**, **Human Resources**, **Reports** and **System**. Each user sees only the modules they have permission to access.

4. Orders

The customer order is the starting point of the system — all production originates here.

QAQ Karton

ERP Sistemi

Dashboard

Soraqçalar

Kataloqlar

Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pəncərəsi

İstehsalat

Kadrlar

Maliyyə əməliyyatları

Xidmətlər

Qəliblər

Klişələr

Hesabatlar

Loglama

Xəta Logları

Sistem

admin

Admin

Sifarişlər

9 / 9 sifariş

Q

Axtar...

🔍

+ Əlavə et

Yeni Sifarişlər

4

SİFARİŞ №	MÜŞTƏRİ	GİRİŞ TARİXİ	ÇATDIRILMA	MƏHSUL	SAY	MƏBLƏĞ				
SIF-2610-0004	Bakı Süd Kombinatı	2026-10-08	2026-10-15	Süd qutusu 300-200-250	1800	1260.00 ₼	Bax	PDF	Düzeliş	Sil
SIF-2610-0003	Xəzər Meyvə Ltd	2026-10-08	2026-10-15	Meyvə qutusu 500-300-150	3000	1440.00 ₼	Bax	PDF	Düzeliş	Sil
SIF-2610-0002	Azər Qida İstehsalı	2026-10-08	2026-10-15	Qutu 400-300-200 çaplı	2200	1364.00 ₼	Bax	PDF	Düzeliş	Sil
SIF-2610-0001	Nicat Fiber MMC	2026-10-08	2026-10-15	Qutu Prfl (360-280-315) rfl 140	1500	825.00 ₼	Bax	PDF	Düzeliş	Sil

Yarımcıq Sifarişlər

0

SİFARİŞ №	MÜŞTƏRİ	GİRİŞ TARİXİ	ÇATDIRILMA	MƏHSUL	SAY	MƏBLƏĞ				
Sifariş yoxdur										

Tam Planlanmış Sifarişlər

5

SİFARİŞ №	MÜŞTƏRİ	GİRİŞ TARİXİ	ÇATDIRILMA	MƏHSUL	SAY	MƏBLƏĞ				
SIF-2610-0007	Nicat Fiber MMC	2026-10-08	2026-10-15	Qutu Prfl (360-280-315) təkrar	1200	684.00 ₼	Bax	PDF	Düzeliş	Sil
SIF-2610-0006	AgroPak Distribution	2026-10-08	2026-10-15	Pak qutusu 380-280-240	2600	1508.00 ₼	Bax	PDF	Düzeliş	Sil
SIF-2610-0005	Şəki İpək ASC	2026-10-08	2026-10-15	İpək qutusu 450-350-180	900	945.00 ₼	Bax	PDF	Düzeliş	Sil
SAT-2610-0009	Nicat Fiber MMC	2026-10-07	2026-10-07	Qutu Prfl (360-280-315) təkrar	266	170.24 ₼	Bax	PDF	Düzeliş	Sil
SAT-2609-0008	Nicat Fiber MMC	2026-09-30	2026-09-30	Qutu Prfl (360-280-315) təkrar	400	248.00 ₼	Bax	PDF	Düzeliş	Sil

Orders — customer, dimensions, quantity, price and planning status

Each order line stores the box’s complete technical specification: length, width, height, flap, side-wall dimensions for trays, flute type, paper grade, number of plies, grammage (which can also be entered separately for each ply) and whether the box is printed.

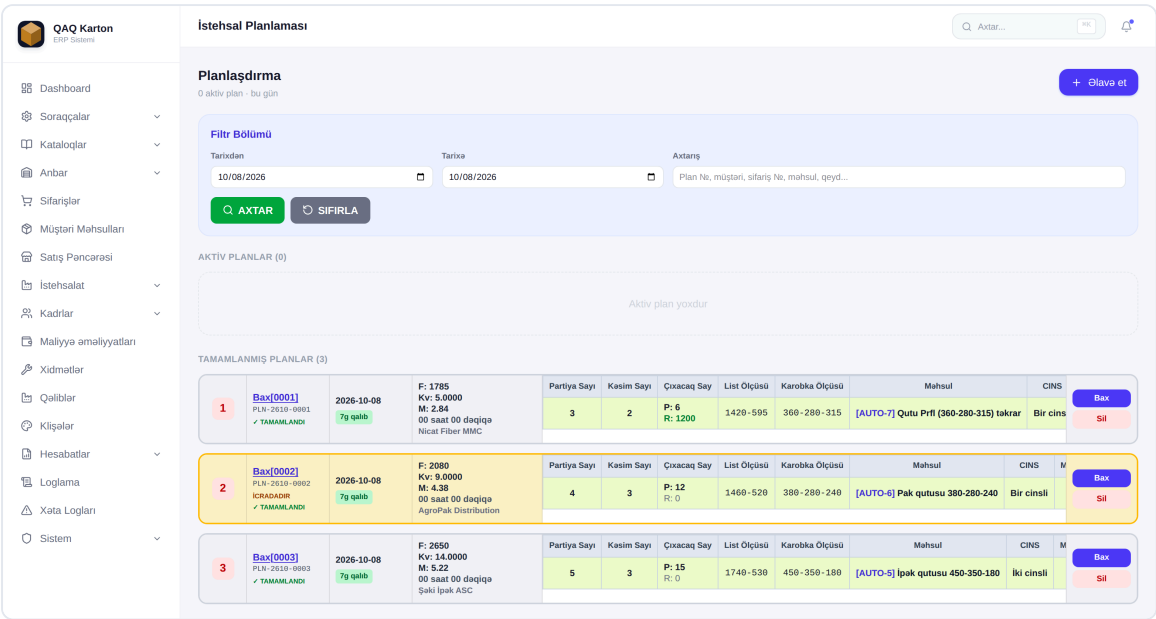
An order can be saved as a draft or flagged as urgent — urgent orders appear first in planning. Images (a sketch, a photo of the die) can be attached to an order. How much of the order has been planned and how much remains is visible at all times.

QAQ Karton ERP — System Overview

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5. Production planning

The strongest part of the system — cutting calculations no longer need to be done by hand.



Planning — plans are colour-coded by status: in progress, queued, completed

What the system calculates by itself

METRIC	DERIVED FROM
Sheet size	The box’s length, width, height and flap dimensions
Yield (pieces)	The reel width and sheet size — how many pieces one cut produces
Running metres and area	Quantity × sheet size
Reel consumption (kg)	Area × grammage × flute take-up factor
Trim waste	The unused edge of the reel width
Cost	The cost of the reels consumed, allocated per square metre

Planned and actual figures are kept side by side in the plan. After production, the actual number of cuts, rejects and real consumption are entered — so the gap between plan and actual becomes visible and the next plan is more accurate.

Important detail: reel stock is not reduced by the plan

A plan is a calculation. A reel leaves the warehouse only by the actual weight entered under “Reel usage”. This ensures that stock matches the number on the scale, not the number on paper.

6. Warehouse stock

An accurate picture of the warehouse at any moment — quantity, cost and value in manat.

№	KOD	MƏHSUL ADI	SİFARİŞ NO	MÜŞƏRİ	MİQDAR	ORTA MAYA (AVCO)	SATIŞ QIYMƏTİ	CƏMI DƏYƏR	ANBAR
1	PRD-00006	KO-1050-150 1200mm	—	—	1515 kq	1.4700 ₼	—	2227.05 ₼	Əsas Rulon Anbarı
2	PRD-00004	PF-1050-120 1800mm	—	—	3148 kq	1.2572 ₼	—	3957.67 ₼	Əsas Rulon Anbarı
3	PRD-00007	B1(Rəşə)-1200-125 1200mm	—	—	2099 kq	1.6408 ₼	—	3444.41 ₼	Əsas Rulon Anbarı
4	PRD-00005	KO-1200-150 1200mm 2 madaxil	—	—	8364 kq	1.5130 ₼ orta	—	12655.08 ₼	Əsas Rulon Anbarı
5	PRD-00001	OBF-1200-112 1200mm	—	—	600 kq	0.9860 ₼	—	591.60 ₼	İstehsalat Anbarı
6	PRD-00001	OBF-1200-112 1200mm 2 madaxil	—	—	8529 kq	1.0063 ₼ orta	—	8582.97 ₼	Əsas Rulon Anbarı
7	PRD-00003	PF-1200-110 1200mm 2 madaxil	—	—	12049 kq	0.7629 ₼ orta	—	9192.75 ₼	Əsas Rulon Anbarı
8	PRD-00002	OBF-1400-125 1400mm	—	—	3560 kq	1.0200 ₼	—	3631.20 ₼	Əsas Rulon Anbarı
9	PRD-00008	TFF-1400-140 1400mm 2 madaxil	—	—	7000 kq	1.3383 ₼ orta	—	9368.00 ₼	Əsas Rulon Anbarı

Warehouse stock — separate totals per unit, AVCO cost and a TOTAL row

Details that matter

- **Units are never mixed.** Kilograms of reels and pieces of boxes are totalled separately — for example “total 30,685 kg” and “total 800 boxes”. A single total that adds them together would mean nothing.
- **One product, one line.** If an item was purchased several times, it appears only once in stock: quantities are added up and cost is calculated with AVCO. The breakdown is one click away.
- **Warehouses are colour-coded.** Each warehouse has its own button — switch with a single click.
- **The customer is visible.** If goods were produced for a particular order, that customer’s name is shown on the line.
- **Date range.** When a date range is selected, the table switches to a movement view: Opening Balance → Receipts → Issues → Closing Balance.

Stock verification

The “Verify stock” button reconciles the warehouse figure against documents: receipts + incoming transfers + production – outgoing transfers – reel usage – sales. If there is a discrepancy, it is shown. The result is written to the warehouse only when you confirm it, and every line is marked with a confidence level — doubtful lines are never changed automatically.

7. Product card — full history

Opens when you click a product name: specification, current stock and every movement.

[PRD-00001] OBF-1200-112

MƏHSUL PASPORTU

Kod	PRD-00001
Ad	OBF-1200-112
Məhsul növü	Rulon
Qramaj	112
En (mm)	1200
Sifariş	Bu məhsul üçün sifariş qeydi yoxdur

CARİ QALIQ - CƏMI 9129.1

ANBAR	ÖLÇÜ	QALIQ	MAYA (A)	DƏYƏR (A)
Əsas Rulon Anbarı	1200mm • 112 g/m²	3729.1	0.99	3676.89
İstehsalat Anbarı	1200mm	600	0.99	591.60
Əsas Rulon Anbarı	1200mm • 112 g/m²	4800	1.02	4906.08
CƏMI		9129.1		9174.57

XRONOLOGIYA (5) — KÖHNƏDƏN YENİYƏ

Nr	TARİX	ƏMƏLİYYAT	SƏNƏD Nr	TƏRƏF	SAY	QALIQ	MƏBLƏĞ (A)	QEYD
1	2026-08-09	Mədaxil	STK-00001	Kartonsan Kağız A.Ş.	+5000	5000 (0+5000)	4930.00	—
2	2026-09-27	Rulon istifadəsi (əl ilə)	—	Fərid Nəsirov	~350.5	4649.5 (5000-350.5)	345.59	Nümunə kəsimi
3	2026-10-03	Rulon istifadəsi (əl ilə)	—	—	~320.4	4329.1 (4649.5-320.4)	315.91	Şəki İpək sifarişi üçün kəsim
4	2026-10-07	Mədaxil	STK-00009	Kartonsan Kağız A.Ş.	+4800	9129.1 (4329.1+4800)	4906.08	—
5	2026-10-08	Anbar kəçürmə	—	Əsas Rulon Anbarı → İstehsalat Anbarı	600	9129.1	—	İstehsalat üçün sexa verildi
SON QALIQ (sənədlərə görə)						9129.1		

Product card — shows line by line how stock changed after each transaction

In the timeline, every line comes with a Balance column: 5,000 → 4,649.5 → 4,329.1 . The calculation itself is shown in brackets (5,000 – 350.5) , so the figure can be checked by hand.

The "Closing balance (per documents)" at the bottom must match the "Current stock" at the top. If it does not, the system shows the difference in a separate warning — in other words, it does not hide the problem, it brings it to light.

The card also contains the product's order specification: the customer it is registered to, flute type, paper grade, number of plies, box dimensions, flap, side walls, grammage and notes.

8. Goods receipts and reel management

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Satış Pəncərəsi

İstehsalat

Kadrlar

Maliyyə əməliyyatları

Xidmətlər

Qaliblər

Klişələr

Hesabatlar

Loglama

Xəta Logları

Sistem

Anbar Mədəxil

4 gün - 4 sanad - 18529.00 ₼

+ Əlavə et

Filtr Bölümü

Tarixdən

Tarixə

Məhsul (ad / kod)

Təchizatçı

Qiymət (min)

Qiymət (maks)

10/01/2026

10/08/2026

Məhsul adı və ya kodu...

Bütün təchizatçılar

AXTAR

SIFIRLA

Hamısını aç

> 2026-10-07

Sanad: 1 | Miqdar: 4800 | Cam: 4906.00 ₼

> 2026-10-06

Sanad: 1 | Miqdar: 2900 | Cam: 3915.00 ₼

> 2026-10-04

Sanad: 1 | Miqdar: 5200 | Cam: 4056.00 ₼

> 2026-10-02

Sanad: 1 | Miqdar: 3600 | Cam: 5652.00 ₼

ÜMUMI YEKUN (4 gün)

Miqdar: 16500 | Cam: 18529.00 ₼

MƏHSUL ÜZRƏ CƏMI

Məhsul	Miqdar (kg)	Ədəd	Dəyər (₼)
PRD-00005 KO-1200-150	3600	—	5472.00
PRD-00001 OBF-1200-112	4800	—	4056.00
PRD-00003 PF-1200-110	5200	—	4056.00
PRD-00008 TFF-1400-140	2900	—	3915.00
Məl dəyəri:			18099.00 ₼
Əlavə xərc:			430.00 ₼
Ümumi cəmi:			18529.00 ₼

Goods receipt — registering reels delivered by the supplier

A goods receipt records the supplier, the document date (which can also be back-dated), the storekeeper, and for each reel its width, length, grammage, weight and price. Additional costs (customs, freight) are allocated across the lines in proportion to their value and added to the cost.

Each reel gets its own separate line in the warehouse — reels of different widths are not “averaged” and lost together, so the correct reel can be chosen during planning.

Reel usage

QAQ Karton
ERP Sistemi

Dashboard

Soraçqalar

Kataloqlar

Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pəncərəsi

QAQ Karton ERP

Q

Axtar...

🔍

+

Əlavə et

Rulon istifadəsi

0 qeyd — bu gün

Məhsul adı, kodu və ya qeyd...

Bu gün

Hamısı

Tarix aralığı:

10/08/2026

📅

—

10/08/2026

📅

🖨

Çap et

TARİX	RULON	KQ	QIYMƏT (m/KQ)	CƏMI	İCRAÇI	QEYD
Bu gün rulon istifadəsi qeyd olunmayıb — tarixçə üçün «Hamısı»						

Reel usage — the page opens on today's date; history is one click away

The reel weighed on the production floor is recorded here: which reel, how many kg, on what date and by whom. Exactly that amount is issued from the warehouse. By default the page shows today's entries — this is the day-to-day work.

Reel weight movement

QAQ Karton

ERP Sistemi

Dashboard

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Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pəncərəsi

İstehsalat

Kadrlar

Maliyyə əməliyyatları

Xidmətlər

Qəliblər

QAQ Karton ERP

Q Axtar...

PK

Rulon Çəki Dövryyəsi

8 rulon — 2026-10-01 / 2026-10-31

TARİXDƏN

TARİXƏ

RULON ADI

10/01/2026

10/31/2026

Axtar...

Q AXTAR

SIFIRLA

Çap

No	RULON	MAYA QIYMƏTİ	İLKİN QALIQ	MƏDAXİL	MƏXARİC	SON QALIQ
1	KO-1050-150 1,050 mm	1.47	1,515 = 2,227.05	0 = 0.00	0 = 0.00	1,515 = 2,227.05
2	PF-1050-120 1,050 mm	1.2572	3,148 = 3,957.67	0 = 0.00	0 = 0.00	3,148 = 3,957.67
3	B1(Raşa)-1200-125 1,200 mm	1.6408	2,099.22 = 3,444.41	0 = 0.00	0 = 0.00	2,099.22 = 3,444.41
4	KO-1200-150 1,200 mm	1.513	4,764 = 7,207.93	3,600 = 5,446.80	0 = 0.00	8,364 = 12,654.73
5	OBF-1200-112 1,200 mm	1.0063	4,649.5 = 4,678.79	4,800 = 4,830.24	920.4 = 926.20	8,529.1 = 8,582.83
6	PF-1200-110 1,200 mm	0.7629	6,849 = 5,225.10	5,200 = 3,967.08	0 = 0.00	12,049 = 9,192.18
7	OBF-1400-125 1,400 mm	1.02	3,560 = 3,631.20	0 = 0.00	0 = 0.00	3,560 = 3,631.20
8	TFF-1400-140 1,400 mm	1.3383	4,100 = 5,487.03	2,900 = 3,881.07	0 = 0.00	7,000 = 9,368.10
CƏMI			30,684.72 = 35,859.18	16,500 = 18,125.19	920.4 = 926.20	46,264.32 = 53,058.17

Xanalar çəki = məbləğ şəklindədir; məbləğ = çəki × maya qiyməti. Son Qalıq = İlk Qalıq + Mədxəl – Məxaric. Məxaricə həm rulon istifadəsi, həm də tamamlanmış planların sarfiyyatı daxildir.

Reel weight movement — movements per reel from the start to the end of the current month

For each reel, Opening Balance → Receipts → Issues → Closing Balance is shown both in kilograms and in manat. The page opens on the current month, any date range can be selected, and the result can be printed.

9. Sales and receivables

QAQ Karton ERP Sistemi

Dashboard

Soraqçalar

Kataloqlar

Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pəncərəsi

İstehsalat

Kadrlar

Maliyyə amaliyyatları

Xidmətlər

Qalıblar

Klişələr

Hesabatlar

Loglama

Xəta Logları

Sistem

admin

Admin

QAQ Karton ERP

Q

Axtar...

PK

Satış Pəncərəsi

3 gün - 4 satış - 1511.84 ₼

+ Yeni Satış

Filtr Bölümü

Tarixdən

10/01/2026

Tarixə

10/08/2026

Müştəri

Bütün müştərilər

Məhsul / satış №

Q

Məhsul adı və ya kodu...

Hamısını yığ

Q

AXTAR

SIFIRLA

2026-10-07

Satış: 2 | Say: 1436 | Cəm: 919.04 ₼

Nö	Satış №	Müştəri	Məhsul	Sayı	Qiyməti	Cəmi (n)	
1	SAT-2610-0009	Nicat Fiber MMC	1 növ	266		170.24	PDF Düzəliş Sil
			[AUTO-7] Qutu Prfl (360-280-315) təkrar	266	0.64	170.24	
2	SAT-2610-0010	Nicat Fiber MMC	1 növ	1170		748.80	PDF Düzəliş Sil
			[AUTO-6] Pak qutusu 380-280-240	1170	0.64	748.80	
2026-10-07 — YEKUN				1436		919.04 ₼	

2026-10-06

Satış: 1 | Say: 240 | Cəm: 139.20 ₼

Nö	Satış №	Müştəri	Məhsul	Sayı	Qiyməti	Cəmi (n)	
1	SAT-2610-0011	Azər Qida İstehsalı	1 növ	240		139.20	PDF Düzəliş Sil
			[AUTO-7] Qutu Prfl (360-280-315) təkrar	240	0.58	139.20	
2026-10-06 — YEKUN				240		139.20 ₼	

2026-10-05

Satış: 1 | Say: 405 | Cəm: 453.60 ₼

Nö	Satış №	Müştəri	Məhsul	Sayı	Qiyməti	Cəmi (n)	
1	SAT-2610-0012	Xəzər Meyvə Ltd	1 növ	405		453.60	PDF Düzəliş Sil
			[AUTO-5] İpak qutusu 450-350-180	405	1.12	453.60	
2026-10-05 — YEKUN				405		453.60 ₼	

Sales window — creating invoices and tracking customer debt

On a sales invoice, the customer, warehouse, invoice date and product lines are selected. The system checks whether there is enough stock, and goods are issued from the oldest batch first (FIFO).

The invoice is ready to print and shows the Opening Balance Due, the amount of this invoice and the Closing Balance Due on separate lines — the customer sees their position on a single sheet.

Settling debt — FIFO

If a customer owes on 4 invoices and pays 1,000 ₼, the system allocates the money starting from the oldest invoice: the first invoice is closed in full, and the remainder carries over to the second. If the payment exceeds the invoices, the surplus is kept and applied to future invoices. How much has been paid on each invoice is always visible.

When moving to the system, a customer's existing debt can be entered as an opening balance — it also behaves as a separate document and is included in the receivables report.

10. Financial transactions

QAQ Karton

ERP Sistemi

Dashboard

Soraqçalar

Kataloqlar

Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pəncərəsi

İstehsalat

Kadrlar

Maliyyə əməliyyatları

Xidmətlər

Qalıblar

Klişələr

Hesabatlar

Loglama

Xəta Logları

Sistem

admin

Admin

Maliyyə əməliyyatları

Maliyyə əməliyyatları

Madaxil və maxaric əməliyyatları

Bütün kassalar — CƏMI

İlkin qalıq18500.00 ₼

Madaxil+40890.00 ₼

Maxaric-20430.00 ₼

38960.00 ₼

2 kassa

Dollar Kassa

Madaxil+0.00 ₼

Maxaric-0.00 ₼

0.00 ₼

Əsas Kassa

İlkin qalıq18500.00 ₼

Madaxil+40890.00 ₼

Maxaric-20430.00 ₼

38960.00 ₼

Madaxil

Maxaric

Qaimalar

Axtar — müştəri/təchizatçı, qeyd...

Bütün kassalar

Filtrlər

TARIX	ÖDƏYƏN İŞÇİ	TƏYİNAT	ALT-TƏYİNAT	İŞÇİ	TƏCHİZATÇI	MÜŞTƏRİ	QALIMƏ	KASSA	ÖDƏNİŞ NÖVÜ	MƏBLƏĞ	QEYD
2026-10-08	—	—	—	—	—	Nicat Fiber MMC	—	Əsas Kassa	Nağd	2850.00 ₼	Qaima üzrə
2026-10-07	—	—	—	—	—	Nicat Fiber MMC	—	Əsas Kassa	Nağd	6400.00 ₼	Qaima üzrə
2026-10-06	—	—	—	—	—	Azər Qida İstehsalı	—	Əsas Kassa	Bank köçürməsi	4850.00 ₼	Qaima üzrə
2026-10-06	—	—	—	—	—	Azər Qida İstehsalı	—	Əsas Kassa	Bank köçürməsi	1640.00 ₼	Qaima üzrə
2026-10-05	—	—	—	—	—	Bakı Süd Kombinatı	—	Əsas Kassa	Kart	3900.00 ₼	Qaima üzrə
2026-10-04	—	—	—	—	—	Xəzər Meyvə Ltd	—	Əsas Kassa	Nağd	5100.00 ₼	Qaima üzrə
2026-10-04	—	—	—	—	—	Bakı Süd Kombinatı	—	Əsas Kassa	Kart	3100.00 ₼	Qaima üzrə
2026-10-02	—	—	—	—	—	Xəzər Meyvə Ltd	—	Əsas Kassa	Nağd	920.00 ₼	Qaima üzrə
2026-09-30	—	—	—	—	—	AgroPak Distribution	—	Əsas Kassa	Bank köçürməsi	2250.00 ₼	Qaima üzrə

Financial transactions — cash account balances, income and expenses

Several cash accounts (manat, US dollar) are kept separately. The combined total of all cash accounts stays pinned at the front, with each account's own card next to it. When a cash account is created, an opening balance can be entered — the amount at the moment of moving to the system.

Each transaction can record its purpose (salary, purchase of goods, utilities, office expenses...), payment method (cash, card, bank transfer), counterparty (customer, supplier, employee) and, optionally, an attached document (photo of a receipt, PDF). Transfers between cash accounts are made at the applicable exchange rate.

When a customer payment is recorded, the system shows that customer's open invoices and lets you link the payment to a specific invoice.

11. Human resources and payroll

QAQ Karton

ERP Sistemi

Dashboard

Soraqçalar

Kataloqlar

Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pancarası

İstehsalat

Kadrlar

Maliyyə amaliyyatları

Xidmətlər

Qalıblar

Klişələr

Hesabatlar

Loglama

Xəta Logları

Sistem

İşçilər

9 işçi

Q Axtar — ad, soyad, kod, FIN, telefon, vəzifə...

Deaktivləri də göstər

+ Əlavə et

KOD	AD SOYAD	ŞÖBƏ	VƏZİFƏ	TELEFON	RƏSMİ MAAŞ	İLKİN QALIQ	STATUS	
EMP-00008	Səbinə Abbasova	Maliyyə	Kassir	+994 51 905 12 30	1200.00 ₼	—	Aktiv	
EMP-00006	Nigar Hüseynova	Satış	Satış Meneceri	+994 55 601 77 88	1400.00 ₼	—	Aktiv	
EMP-00004	Aysel Karimova	Maliyyə	Mühasib	+994 51 733 90 12	1600.00 ₼	—	Aktiv	
EMP-00007	Orxan Məmmədli	İstehsalat	İşçi	+994 70 219 34 56	850.00 ₼	—	Aktiv	
EMP-00003	Fərid Nəsirov	İstehsalat	İşçi	+994 55 411 23 45	900.00 ₼	—	Aktiv	
EMP-00002	Elşən Quliyev	İdarəetmə	Direktor	+994 50 300 11 22	2400.00 ₼	—	Aktiv	
EMP-00009	Kamran Rzayev	İstehsalat	İşçi	+994 55 338 61 07	880.00 ₼	—	Aktiv	
EMP-00001	Admin istifadəçi	İdarəetmə	Direktor	—	0.00 ₼	—	Aktiv	
EMP-00005	Rəmin Əliyev	Anbar	Anbardar	+994 50 814 55 03	1100.00 ₼	—	Aktiv	

Employees — personal data, department, position, salary and opening balance

The employee card stores first name, patronymic, personal ID number (FIN), phone, date of birth and hiring date, department, position, photo, and official and unofficial salary. The opening balance field records the state of settlements with the employee at the moment of moving to the system.

A payroll sheet calculates the monthly salary of all employees in one document: accrued amount, bonus, advance and the balance payable. Once the payroll sheet is approved, the amounts are treated as actual liabilities.

The payroll report shows the formula openly for each employee: $\text{Opening balance} + \text{Payment} - \text{Accrued} = \text{Closing balance}$. A positive result means the employee has been overpaid; a negative result means the company owes the employee.

12. Reports

QAQ Karton
ERP Sistemi

Dashboard

Soraqçalar

Kataloqlar

Anbar

Sifarişlər

Müştəri Məhsulları

Satış Pəncərəsi

İstehsalat

Kadrlar

Maliyyə amaliyyatları

Xidmətlər

Qalıblar

Klişələr

Hesabatlar

Loglama

Xəta Logları

Hesabatlar

Hesabatlar

Maliyyə və anbar hesabatları

Xərclər

Manfaat

Borclar

Qaimələr

Anbar Qalığı

Pul Hərəkəti

Rulon İstifadəsi

Plan Maddələri

Məhsul Hərəkəti

Tarixdən: 09/08/2026

Tarixə: 10/08/2026

Cəmi xərc

20430.00 ₼

Kategoriya sayı

6

KATEGORIYA	SAY	CƏMI MƏBLƏĞ	FAİZ
Maaş	2	10000.00 ₼	48.9%
Mal alışı	2	7700.00 ₼	37.7%
Kommunal	2	1420.00 ₼	7.0%
Bıçaq xərci	1	560.00 ₼	2.7%
Mətbəx xərci	1	430.00 ₼	2.1%
Ofis xərci	1	320.00 ₼	1.6%

Reports — nine report types, date range filtering and printing

REPORT	WHAT IT SHOWS
Expenses	Breakdown of expenses by category, as amounts and percentages
Profit	Sales revenue, cost of goods sold and net result
Receivables & payables	By customer and supplier: opening balance, turnover, payments, closing balance
Invoices	All sales and service invoices, with their payment status
Warehouse stock	Quantity and value by warehouse and product
Cash flow	Income, expenses and balance per cash account
Reel usage	How much was used from which reel, and for which job
Plan items	Detailed cutting data from production planning
Product movement	All receipts and issues of a single product in chronological order

Every report can be filtered by date range and opens in a print-ready format.

13. Security and control

QAQ Karton
ERP Sistemi

Salahiyyətlər

Rollar & Sahiyyetler
7 rol

+ Əlavə et

Admin Tam sistem idarəetməsi	23 modul icazəsi	İcazələr >	Sil
SatışMeneceri Sifariş və müştəri idarəetməsi	7 modul icazəsi	İcazələr >	Sil
Planlayıcı İstehsal planlaması	7 modul icazəsi	İcazələr >	Sil
Anbardar Anbar əməliyyatları	7 modul icazəsi	İcazələr >	Sil
HR İşçi idarəetməsi	6 modul icazəsi	İcazələr >	Sil
Kassir Kassa əməliyyatları	5 modul icazəsi	İcazələr >	Sil
Hesabatçı Yalnız hesabat baxışı	4 modul icazəsi	İcazələr >	Sil

Permissions — separate View · Add · Edit · Delete rights for every module

Permissions

For each role, four permissions are granted separately in every module: [View](#) [Add](#) [Edit](#) [Delete](#). A module the user has no permission for does not appear in the menu at all. For example, a storekeeper can see stock but cannot change prices; a sales manager creates orders but has no access to the cash desk.

Change log

All additions, edits and deletions are logged: who, when, which record and what it was changed to. The logs can be viewed in a dedicated module. System errors are collected separately in the Error Logs module.

History protection

Deleting a record that has history is blocked. For example, an employee with payroll records or cash transactions cannot be deleted; a goods receipt for a reel already used in a production plan cannot be deleted. The system explains the reason in plain language and tells you what needs to be done — instead of showing an obscure error code.

When a goods receipt is edited, a note is mandatory for every changed line — so that it is clear later what was changed and why.

14. Technical foundation

The system is built on modern, long-lived technologies.

LAYER	TECHNOLOGY	WHY
Server (API)	.NET 8 (C#)	Microsoft's long-term support release; high performance
Interface	React + TypeScript	Fast and runs in the browser — no software to install
Database	PostgreSQL 16	Open source, no licence costs, reliable at large volumes
Deployment	Docker	Installed on the server with a single command; updates run without downtime
Authentication	JWT + encrypted passwords	Passwords are never stored in plain text; session duration is limited

Usage

- **Runs in the browser** — nothing needs to be installed on the computer. It can also be used on phones and tablets: tables turn into cards on small screens.
- **Fully in Azerbaijani** — interface, error messages and print forms. Search understands the Azerbaijani alphabet: searching "eliyev" will still find "Əliyev".
- **Printing** — sales invoices, warehouse stock, reel movement, payroll sheets and reports open in a print form with one click.
- **On your own server** — your data stays under your control, with no dependence on an external service.

Updates and support

The system is under continuous development. Every new feature is tested separately, and the database and uploaded files are left untouched when it is deployed to the server. If an update fails, the working version stays in place — the site does not go down.

15. Why this system

01

Built for the industry

Not a generic ERP adapted to a carton plant. Flute type, sheet size, reel width, trim waste, flap, side wall — all of these are native concepts of the system.

02

Does the calculations itself

Cutting, consumption, costing, debt allocation, payroll — the areas most prone to human error are automated.

03

Proves its numbers

Every stock balance, every debt and every cost is built up from documents and can be traced back. When there is a discrepancy, the system does not hide it — it shows it.

04

Keeps you in control

Who sees what and who changes what — all of it is defined and recorded. Operations that would destroy history are blocked.

Typical daily use

ROLE	WHAT THEY DO IN THE SYSTEM
Sales manager	Takes orders, checks customer balances, prints invoices
Production manager	Builds the plan, reviews cutting, records actual results
Storekeeper	Records goods receipts and reel consumption, makes transfers
Accountant	Runs the cash desk, settles payments, produces reports
Director	Monitors the situation on the dashboard, follows profit and receivables reports

Summary

QAQ Karton ERP brings the plant's entire flow — orders, planning, warehouse, production, sales, receivables and cash — together in a single system. Calculations are automatic, every number is backed by a document, and access is restricted by permissions. As a result, the plant knows its exact position at any moment.



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