Building materials / QM-07

Ready-mix concrete dispatching

Managing orders, mix designs, truck mixers and job sites in one system: international practice.

Concrete does not wait.

Once ready-mix concrete leaves the plant, it has a limited usable time. Concrete producers worldwide are combining dispatching, GPS tracking and electronic delivery tickets in one system.

Conceptual architecture. No operating results are shown.

01 Order	Grade, volume · Time window · Job site
02 Schedule	Truck mixers · Queue · Batching
03 Delivery	GPS · Arrival time · Acceptance
04 Documents	ESF + ETTN · 1C · Returned concrete

At a glance

700+ — Plants using the ConcreteGo dispatching system, according to Sysdyne. [1]

339.3 trn — Construction work completed in Uzbekistan, January–September 2026, UZS. [3]

+12.3% — Year-on-year growth in construction work. [3]

November 2026

01 Evidence and context

Who it is for

Plant director	Truck mixer productivity.
Dispatcher	Orders and deliveries.
Laboratory	Mix design.
Finance	Invoicing.

Facts and global practice

Sysdyne (company information)

Sysdyne offers cloud dispatching, remote batching control, GPS tracking and electronic delivery ticket modules; ConcreteGo is used at more than 700 plants. [1]

Startupresearcher

In 2026, XBE received growth investment from PSG and released a simulation and optimisation solution for ready-mix concrete dispatching. [2]

Startupresearcher (on XBE)

A poor dispatching decision leads to idle truck mixers, late deliveries, idle site crews and wasted fuel. [2]

National Statistics Committee

In January–September 2026, construction work in Uzbekistan totalled UZS 339.3 trillion, up 12.3%. [3]

No public data was found on dispatching losses at concrete plants in Uzbekistan. This document describes international practice; the local situation is determined through an audit.

02 Where the losses occur

Orders taken by phone

Volume, grade and time are recorded by hand.

Truck mixers not visible

Location of each truck is unknown.

Returned concrete

Surplus or late concrete is not recorded.

Documents delayed

Delivery tickets and invoices are prepared after delivery.

How the loss is calculated

Empty trips	empty trips per month × cost per trip, UZS
Waiting	waiting hours on site per month × truck mixer cost per hour, UZS
Returned concrete	returned concrete, m³ per month × production cost per m³, UZS
Documents	delayed invoices per month × payment delay, days

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

03 Solution architecture

One chain from order to acceptance

The order enters the system, the dispatcher schedules the truck mixer, the delivery ticket and ESF (electronic invoice) + ETTN (electronic consignment note) are generated automatically, and acceptance is confirmed on site.

01 Order

Grade, volume · Time window · Job site

02 Schedule

Truck mixers · Queue · Batching

03 Delivery

GPS · Arrival time · Acceptance

04 Documents

ESF + ETTN · 1C · Returned concrete

Modules

Orders and dispatching	Grade, volume, time	In development
Truck mixer tracking	GPS via a partner	Engineering capability
ESF + ETTN and 1C	Automatic documents	Commercially available
Acceptance on site	Mobile confirmation	Engineering capability

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

04 Implementation and measurement

01 Dispatching audit

Order and delivery process.

Output: loss map.

02 Pilot

One plant, 30 days.

Output: trip statistics.

03 Scale-up

All truck mixers.

Output: full control.

04 Subscription

Monthly report.

Output: trend.

What is measured

On-time delivery	Share	GPS, system
Empty trips	Trips	GPS
Returned concrete	m^3	System
Document time	From delivery to ESF	System

What is needed to start

- Dispatcher
- Truck mixer list
- Order log
- Test access to 1C

05 Readiness checklist and next step

01 Are orders accepted in the system?	Yes / No / Unknown
02 Is the location of every truck mixer visible?	Yes / No / Unknown
03 Is the customer told the arrival time in advance?	Yes / No / Unknown
04 Is returned concrete recorded?	Yes / No / Unknown
05 Is the number of empty trips known?	Yes / No / Unknown
06 Are delivery tickets generated automatically?	Yes / No / Unknown
07 Are the ESF and ETTN ready on the day of delivery?	Yes / No / Unknown
08 Is acceptance confirmed on site?	Yes / No / Unknown
09 Is batching linked to the order?	Yes / No / Unknown
10 Is there a responsible person?	Yes / No / Unknown

What we do not promise

- Exact timeline and price without an audit
- Exchange rules and government decisions
- Repair of plant equipment
- Unmeasured results or savings
- Replicating results announced by vendors

Dispatching audit

We review the process from order to acceptance and show where truck mixer time is being lost.

- Loss map
- Pilot plan
- Implementation fee and monthly subscription

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

06 Sources and scope

[1] Sysdyne Technologies profile (based on company information). datadrivenaec.com, 2026.

datadrivenaec.com

[2] «XBE secures PSG growth investment». startupresearcher.com, 22.08.2026.

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[3] National Statistics Committee: construction work, January–September 2026. stat.uz.

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