



See the laundry.
Manage the shift.
Measure efficiency.

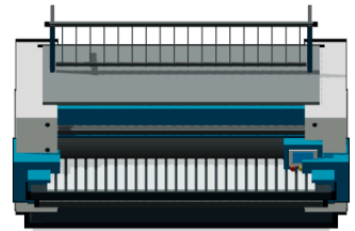
Verify the washing process with records. Detect machine, performance and consumption deviations early.



MONITORING



ANALYSIS



MANAGEMENT

OVERVIEW

An integrated view from washing to management

VisionCore transforms data from washing, drying and ironing processes into a common structure for shift performance, consumption and maintenance monitoring.



WASHING



DRYING



IRONING



Shift and operations

Monitor running and idle machines, active washes, total load and alarms from the same screen.



Hotel / customer tracking

Track the processing of towels, sheets, duvet covers and other textile groups by hotel, retrospectively.



Recipe / process history

Review historical washes together with recipe, temperature, duration, load and consumption records.



Maintenance and technical teams

Evaluate deviations in extraction, heating, alarms and command durations together with health and maintenance records.

Shared data, different perspectives

Data originating from the machine becomes shift, customer, recipe, consumption, performance, health and maintenance reports.

LIVE OPERATIONS AND SHIFT

Keep the pulse of the laundry in one place

Home and Live Monitoring make the current shift load, machine status and ongoing washes visible.



Shift overview

Monitor the shift through online and idle machines, active washes, active total load and alarms.



See what the machine is doing

Track recipe, operation, temperature, duration, load, operator and progress information by machine.



Monitor shift load

Evaluate shift production with live values for total kg, completed cycles and load per machine.



Drill into issues quickly

When an alarm, waiting state or process deviation occurs, open the live detail of the relevant machine directly.

**12**

ONLINE

**680 kg**

ACTIVE LOAD

**7**

ACTIVE WASHES

See it while production is running, not at the end of the shift

Instead of finding delays in an end-of-shift report, detect waiting and capacity loss as they occur.

HOURLY PERFORMANCE

See where the hour goes

Evaluate production speed not only by cycle time, but together with loading, unloading, waiting and actual process time.



Hourly production

Track total kg produced and completed cycles each hour. See speed changes within the shift.



Loading time

Measure the time from machine ready to the start of a new load; see operational waiting.



Unloading time

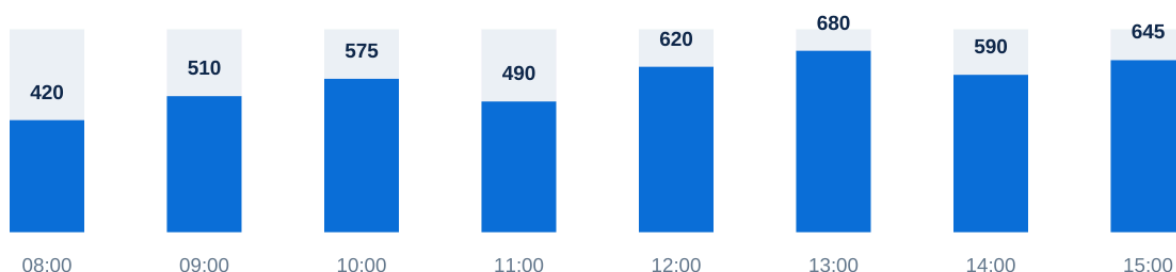
Evaluate how long it takes to unload the machine after the recipe is completed.



Actual cycle time

Separate active process time, total recipe time and non-production waiting.

Example hourly load distribution



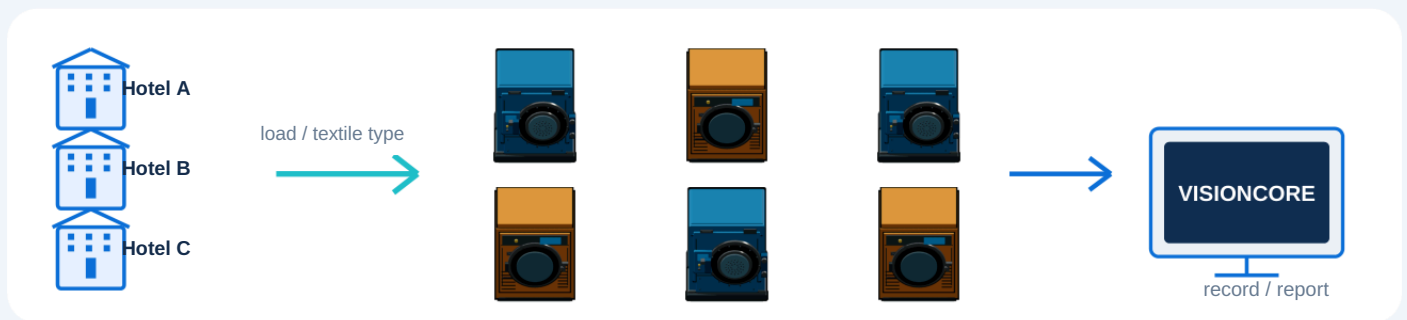
Key question

Is the machine slow, is the process long, or is loading / unloading organization causing the delay?

HOTEL / CUSTOMER TRACKING

What came from which hotel, and what was washed?

View incoming textiles, processed load and machine history by customer. Evaluate the operation in the context of the hotel and textile type.



Hotel-based tracking

View each hotel's daily and periodic total load separately. Track processed kg by customer.



Textile types

Record and group towels, sheets, duvet covers, pillowcases and other textile groups.



Machine and time history

Find retrospectively which machine processed a load, with which recipe and when.



Service performance

Compare daily / weekly kg, processing time and capacity utilization by hotel.

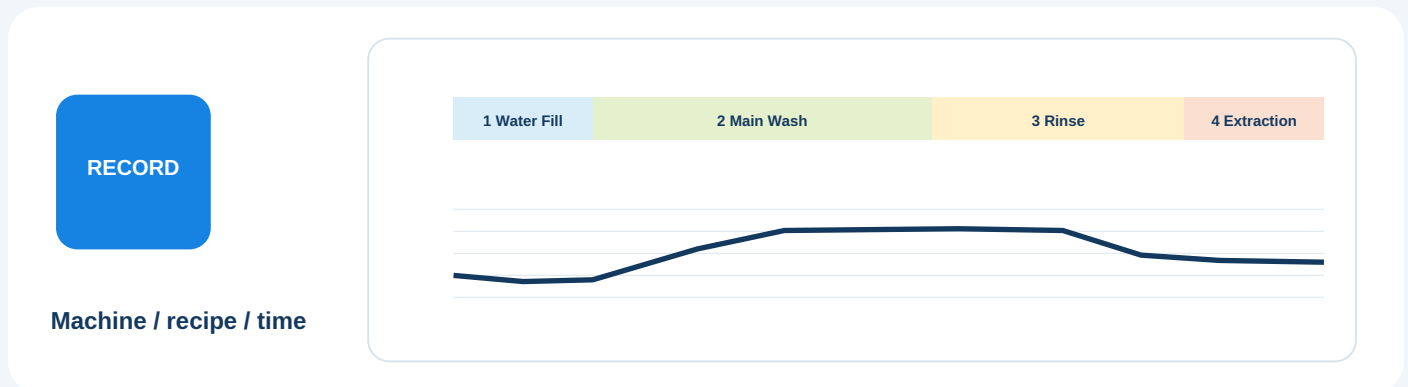
Customer visibility

Show not only total kilograms, but also which machine and process handled the operation.

RECIPE / PROCESS HISTORY

Review historical washes through records

Evaluate a completed recipe together with operation, command, temperature, water, speed and consumption records.



Recipe and operation flow

Review from historical records which recipe ran, and in which operation and command sequence.



Actual process curves

View temperature, water and speed behavior together with the recipe timeline.



Consumption and load information

Evaluate water, steam, gas, electricity and end-of-recipe load on the same historical record.



Reportable history

Find historical washes by date, customer, machine and recipe; use them for review and reporting.

See not only that it 'completed', but how production actually ran

Evaluate recipe duration, process curves, consumptions and machine behavior from the same record.

PERFORMANCE AND EFFICIENCY

See the laundry's real capacity

Evaluate the capacity actually used during the shift using load, duration and waiting data, rather than only the machine catalog capacity.

**82,0 %**

Work Efficiency

**74,6 %**

Active Efficiency

**6.240 kg**

Total Load

**kg / hour production rate**

Evaluate total production load together with production-included work time. See differences between machines and periods.

**Idle waiting**

Track idle waiting time per recipe and total non-production time.

**Machine comparison**

Compare differences in speed, load and active time for the same period and machine type.

**Shift / day / week**

Evaluate capacity utilization and performance trends for the selected period together with reports.

Real capacity

Measure real production capacity remaining after loading, waiting and process times in the field, not the theoretical machine capacity.

CONSUMPTION

See resource usage per kilogram

Evaluate water, steam, gas, electricity and chemical consumption together with total production load.

**4.350 Lt**

WATER

**162 kg**

STEAM

**55,1 kWh**

ELECTRICITY

**-**

GAS



Total consumption

View periodic total consumption from available meters and process records.



Consumption per kg

Read consumption together with production load; avoid being misled by total values alone.



Machine and recipe scope

Narrow consumption analysis with area, machine type, machine and recipe filters.



Period comparison

Evaluate consumption differences between periods or machines in the same production context.

A foundation for measurable improvement

Low consumption or low production? Read resource usage together with total load and process behavior.

HEALTH AND MAINTENANCE

Detect changes in machine behavior early

Support technical review by evaluating extraction, heating, command durations and alarm behavior together with maintenance history.

High-speed extraction

Track extraction performance and deviations in high-speed behavior. Provide data for balancing / mechanical review.

Heating and cooling

Compare command durations and process behavior; review cycles that deviate from normal.

Alarm and event history

Evaluate recurring alarms and relevant process stages together with historical records.

Maintenance plan

Read health findings together with the maintenance schedule and previous work; focus on the machine requiring review.

Unexpected downtime on high-capacity machines affects not only one machine, but the laundry's total production capacity.

From early detection to technical review



Deviation



Alarm / event



Technical review



Maintenance decision

Goal

Rather than only seeing an alarm after a failure grows, start investigating when machine behavior begins to deviate from normal.

TECHNICAL CONSULTING

Combine data with field experience

When VisionCore data is evaluated together with process, mechanical, electrical and automation experience, real improvement areas become visible faster.



Performance consulting

Use shift, machine and cycle data to identify where production losses occur.



Process consulting

Evaluate washing times, temperature, water, extraction and consumption together to support recipe and process improvements.



Machine technical support

Support diagnosis of problems in mechanical, electrical, automation and extraction / balancing systems with recorded data.



Maintenance and modernization

Combine health findings with maintenance history, field inspection and modernization needs.

**20+ years of machine and process experience.
Now inside the data.**

Kendi Otomasyon - Knows the machine. Understands the process. Makes sense of the data.