kasqade

Blind Spot Report

BSR-2026-P1 · PRODUCTION · SAMPLE

SAMPLE REPORT · FICTIONAL SITE, ILLUSTRATIVE DATA

SITE	AREAS	PERIOD	CAMERAS
Metal parts manufacturer, Flanders	CNC cell with 4 machines, assembly line 2	Mon 19 – Fri 23 Oct 2026 2 shifts, 06:00–22:00	3 existing IP cameras

The MES says 81%. The spindles cut 58% of the time.

Your MES counts a CNC machine as running when it is on and not in alarm. The camera counts the minutes the spindle actually cuts. Over one week that gap was 74 machine hours, and most of it is no breakdown: machines waiting with a finished part, slow changeovers and short stops on line 2 that never get a stop code.

CNC UTILISATION
58%
Spindle-on time, 186 of 320 planned machine hours

MACHINE IDLE TIME
31 h
Part ready, nobody at the machine. 214 times

CHANGEOVER
52 min
Median, last part to first good part. Standard 25

MICRO-STOPS
143
Line 2, each under 2 min. 3 h 50 in total

Where the 320 planned machine hours went

CNC CELL, 4 MACHINES, ONE WEEK



Cutting Spindle on, chips coming off	185.6 h	58%
Operator at the machine, spindle off Setup, measuring, deburring	41.2 h	13%
Idle, part ready Cycle done, door closed, nobody at the machine	31.0 h	10%
Waiting for material or program Machine ready, no blank or no program loaded	26.4 h	8%
Changeovers 26 changeovers, last part to first good part	22.5 h	7%
Alarms and breakdowns Machine in alarm or opened for repair	13.3 h	4%

Your MES versus the camera

CNC CELL, SHARE OF PLANNED TIME

MES
81%
Machine switched on and not in alarm counts as running.

MEASURED
58%
Minutes the spindle was actually cutting, per machine, from the camera.

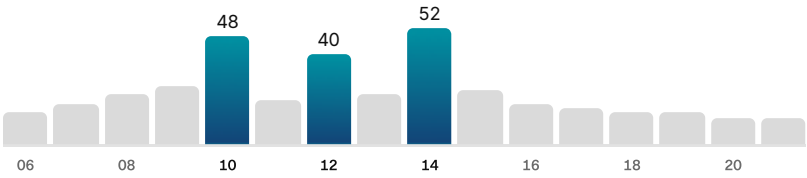
GAP
74 h
Machine hours a week that look productive in the MES and are not. Mostly waiting for a person.

Measured with Kasqade Video AI on existing cameras. Footage stays on site, people are anonymised, no reporting per employee.

Idle time and utilisation per machine

AVERAGE DAY · ONE WEEK

MINUTES IDLE WITH A PART READY, PER HOUR



Peaks at the 10:00 break, lunch and the 14:00 shift change: the machine finishes, nobody is there.

SPINDLE-ON TIME PER MACHINE

CNC 1	71%
CNC 2	44%
CNC 3	62%
CNC 4	55%

CNC 2 runs the most product types, so it has 14 of the 26 changeovers.

Three findings

FINDING · WHAT TO TRY

01

Machines wait for a person 31 hours a week.

214 times a machine finished and stood still, 8.7 minutes on average. 38% of it falls at the 10:00 break, lunch and the 14:00 shift change.

THIS WEEK 31 h GOAL under 12 h

TRY THIS

Stagger the breaks, and let Kasqade alert the floor lead when a machine waits 3 minutes.

YOU GAIN

About 19 more cutting hours a week, without a new machine.

02

Changeovers on CNC 2 take twice the standard.

Median 52 minutes against 25. The camera splits each changeover into steps: tools and fixture are fetched after the last part, a 17-minute walk.

THIS WEEK 52 min GOAL 25 min

TRY THIS

Prepare the next tools and fixture on a cart while the last parts run.

YOU GAIN

About 6 more cutting hours a week on CNC 2.

03

Line 2 stops start at the merge.

The stop codes point at packing, but in 81% of the 143 micro-stops the camera shows parts building up at the merge 40 seconds earlier.

THIS WEEK 143 micro-stops GOAL under 50

TRY THIS

Check the merge guide rail and the speed of conveyor 2 against conveyor 1.

YOU GAIN

About 2 hours more output a week on line 2.

Four events to review first

EVERY EVENT WITH REPLAY

WHEN	WHAT	WHERE	DURATION	FOOTAGE
Tue 20 Oct · 14:02	Idle, part ready, nobody at the machine	CNC 3	34 min	REPLAY
Wed 21 Oct · 09:15	Changeover, last part to first good part	CNC 2	71 min	REPLAY
Thu 22 Oct · 11:47	Line stop, build-up at the merge	Line 2	6 min	REPLAY
Mon 19 Oct · 06:00	Late first cut of the day	CNC 1	24 min	REPLAY

WHAT THIS IS WORTH

A conservative estimate

Cutting hours to win back per week	25 h
Cost per machine hour (your figure)	€85
Production weeks per year	46
Per year, before line 2	€97,750

YOUR OWN SITE

Get this report for your own site.

One week on the cameras you already have, or one we add. Then a results session with our team.

Talk to our team

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