

Clouver Newsletter

Sewing Machine Monitoring

Keep every sewing machine in view - full overview of your machine fleet

What you will learn in this newsletter: We explain how **Clouver** has been specifically expanded for the sewing machine production use case and how you can use it to keep even large machine fleets transparent, avoid bottlenecks and make well-founded decisions.

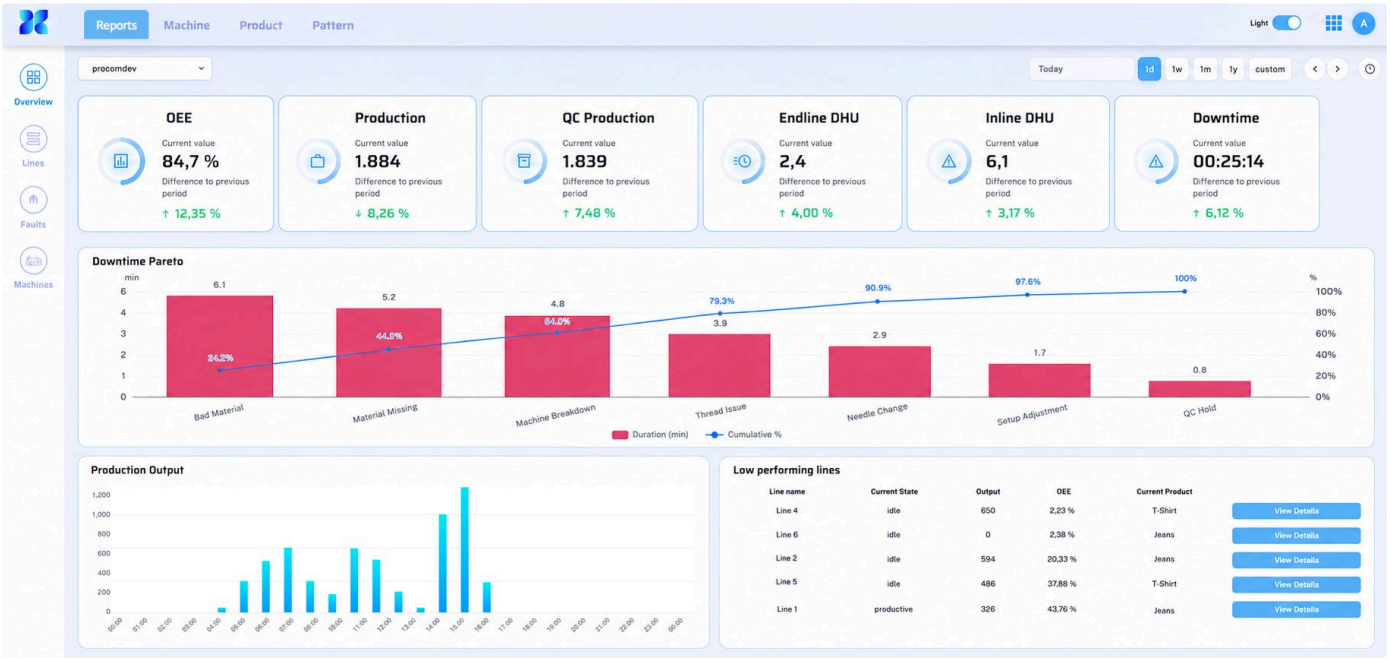
How do you keep track when hundreds or even thousands of sewing machines are producing at the same time?

A customer in the sewing machine industry was facing exactly this challenge: a large machine park, many individual sewing operations and hardly any transparency about what is actually happening at line and machine level.

The result: Downtime, uneven cycle times and, above all, decisions based on estimates rather than real data.

What is often underestimated here:
What you cannot see today costs real money every day. Micro-stoppages, incorrect assumptions about machine performance and missing data mean that capacity is lost and orders are calculated incorrectly.

> ⚠ For efficient production, one thing was needed above all: **end-to-end transparency across every single sewing machine – in real time.**



The Clouver Overview shows all key production metrics - from OEE and output to the performance of individual lines. This means you can immediately see how your production is running at the moment.

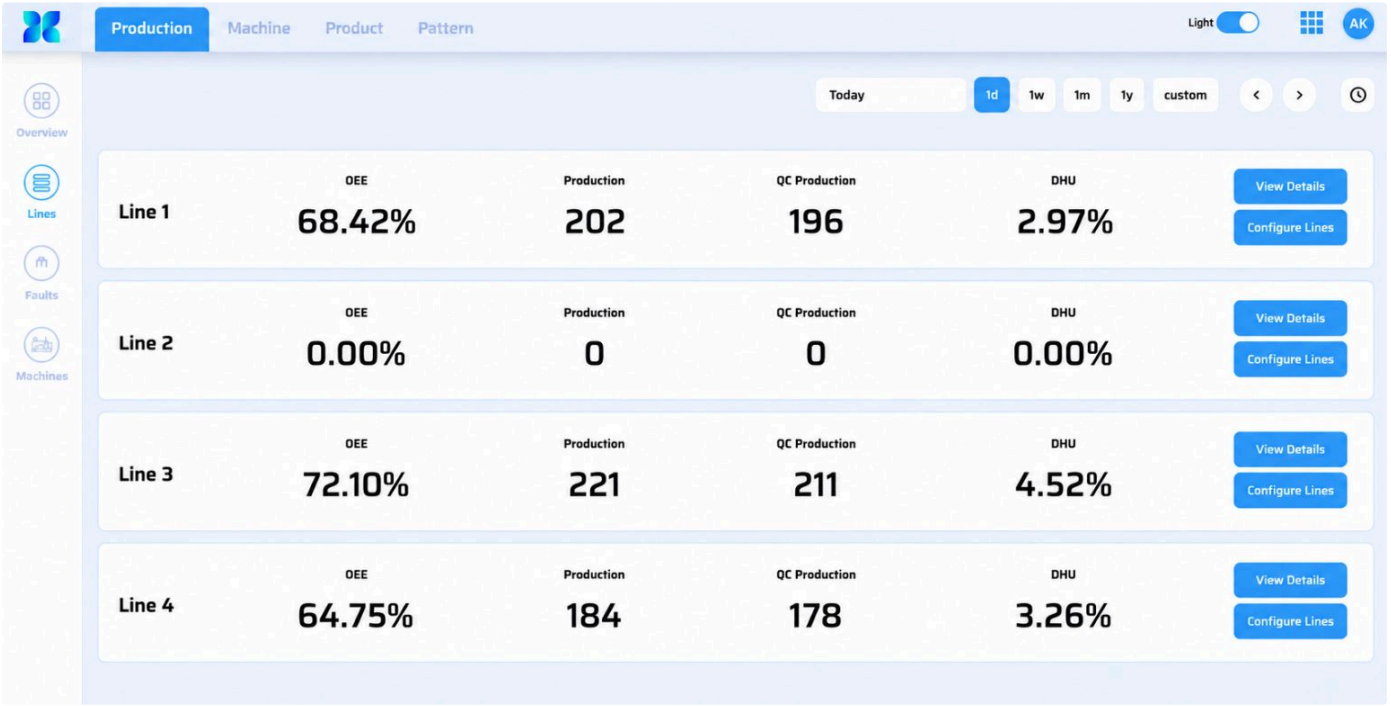
From machine park to central control of your production

To meet these requirements, Clouver was not simply extended – but **specifically further developed for the sewing machines use case**. A new production area makes it possible to map production lines completely digitally and evaluate them in real time.

Key figures are clearly displayed at **line** and **machine level**.:

OEE	**Production quantities**
Quality metrics	**Downtimes**

> **"This immediately makes it visible which sewing lines are running stably and where action is needed."**
> ***– Andre K., Product Owner IIoT, ProCom Automation***



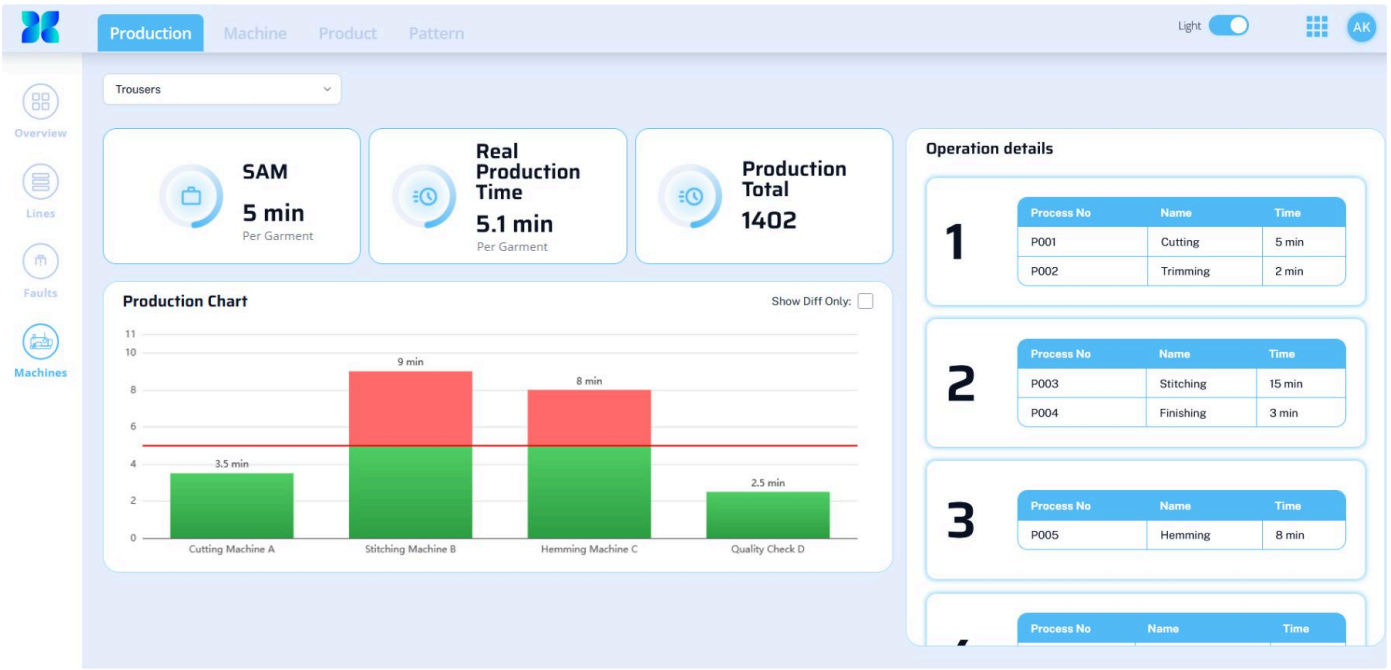
This dashboard shows the most important metrics for each line - from OEE to production quantities. This makes your production's performance directly visible.

Clear structure for sewing processes instead of paper planning

In many sewing production environments, planning is still based on paper or isolated systems.
With Clouver, the entire production is digitally mapped:

- Products are created centrally – including variants and sewing operations
- Sewing machines are specifically assigned to lines and work steps
- Production workflows can be configured and adapted flexibly

The result: A continuous structure that is always traceable – even when the machinery changes.



Planned and actual times in direct comparison - this allows you to see where your production deviates from the plan and where there is potential for optimisation.

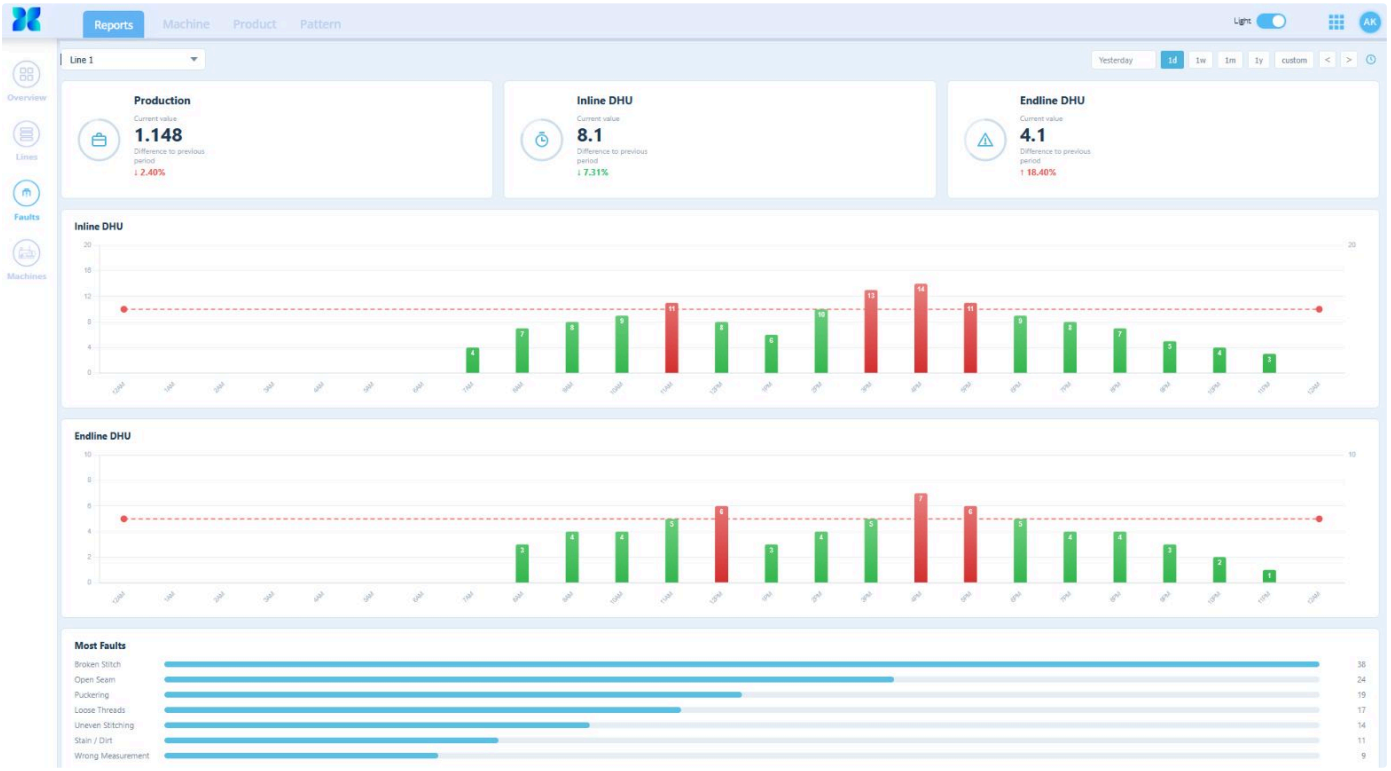
Even utilisation of all sewing machines

One of the biggest challenges in the sewing machinery industry: Different processing times for individual machines quickly lead to downtime or overproduction.

Through the clear mapping of the sewing processes, lines can be aligned so that all machines operate at the same rhythm.

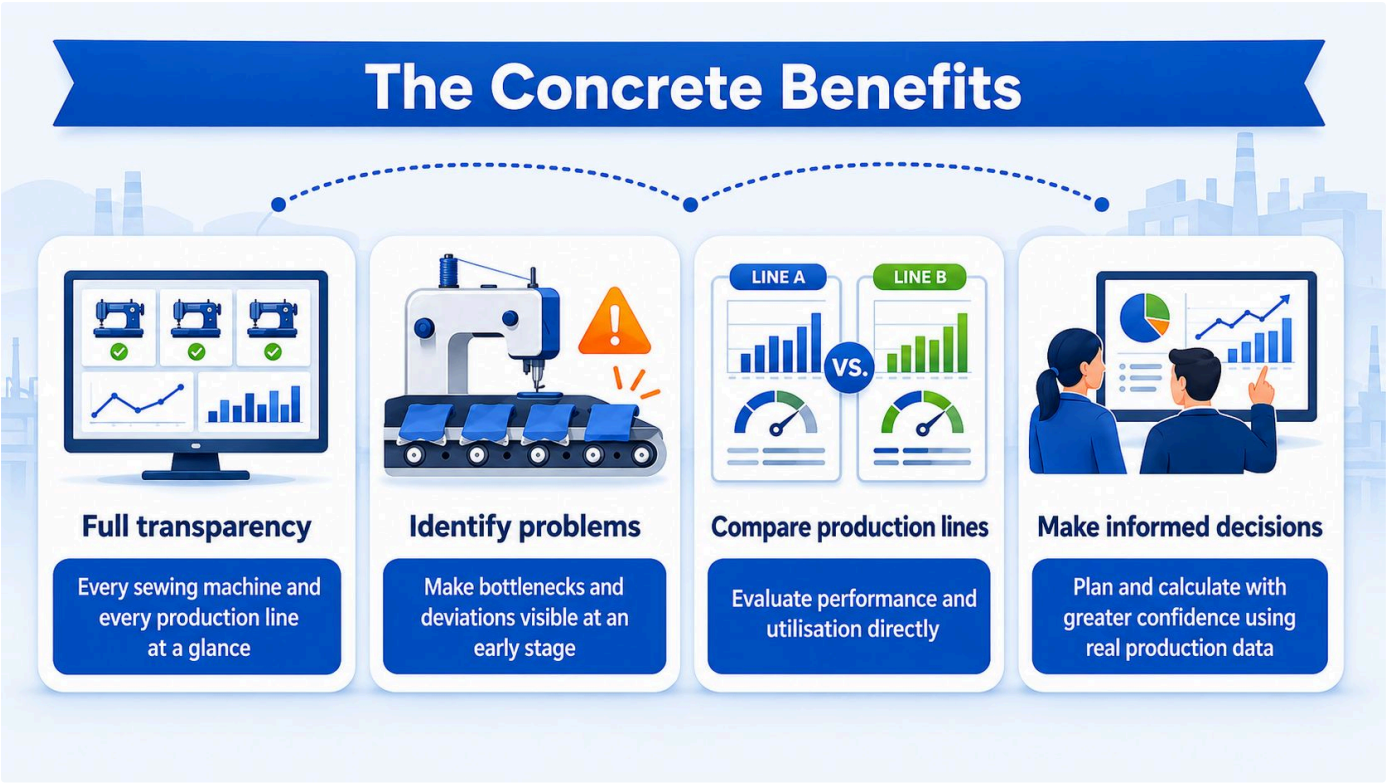
This means:

1. **Less waiting time between work steps**
2. **No unnecessary work-in-progress inventory**
3. **Predictable production output across the entire line**



Errors and deviations are shown directly in the dashboard. This allows you to see at a glance where losses are occurring and which machines or lines are affected.

Every sewing machine connected and all data in one place



This means those responsible always have an overview of:

- Which sewing lines are meeting their target values
- Which machines are causing problems
- How output and quality are developing for each line

In addition, lines can be compared directly with one another:

Identify performance differences

Compare differences in performance and utilisation between lines directly.

Set benchmarks

Set benchmarks within production.

Targeted optimisations

Derive targeted measures for individual lines.

Result: Instead of reacting to individual alerts, a clear overall picture of production is created - in real time. This enables true job costs instead of estimates, realistic calculations based on actual performance, and significantly more reliable production planning.

Flexible integration, even for existing sewing machines

A key point for the customer:
The existing sewing machines should be able to continue being used.

Clouver makes exactly that possible – existing machines can be connected **without fundamentally changing the existing infrastructure**. Regardless of the manufacturer, both existing and new machines can be integrated.

This is made possible by our new Clouver SmartKit Textile:

Clouver SmartKit Textile

A compact adapter that can be connected directly to the machine and automatically captures relevant signals.

Quick connection

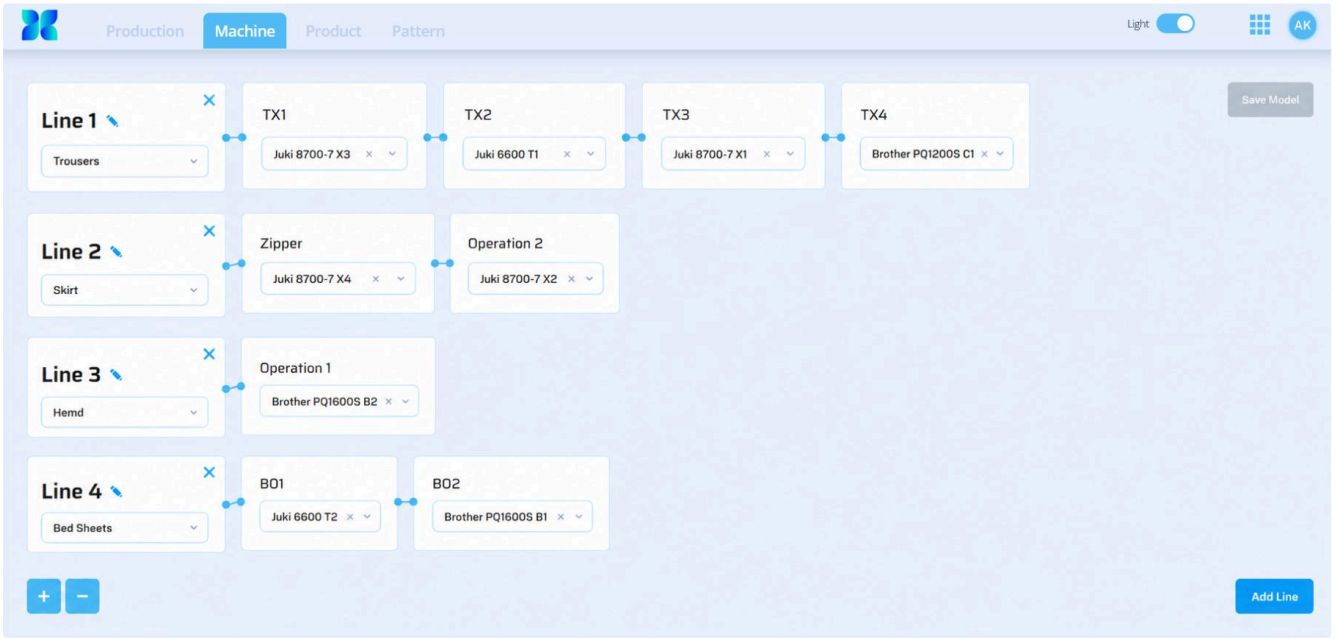
This means no machine modifications, no changes to the control system, and a rapid connection of existing lines.

End-to-end solution

This gives you an end-to-end solution made up of hardware, software and support – without any additional interface projects.

This creates a scalable solution:

For small lines as well as for large factories, with up to **over 10,000 machines.**



All production lines at a glance - including the associated machines. This means you always retain an overview of your entire line structure.

Typical stumbling block and how to avoid it

In many sewing production operations, the connection between planning and actual execution at machine level is missing.

This means that:

1. Issues with individual sewing machines are only identified late
2. Lines run unevenly
3. Losses in performance remain unnoticed in day-to-day operations for too long
4. Decisions are based on incomplete data

It is therefore important not only to plan production, but also to make it **continuously measurable and visible**.

Quick Win of the Month
Select a sewing line and check for one day:

- Output per machine
- Downtimes
- Quality metrics

Compare these values with your planning. Often, initial bottlenecks become visible here already.

Get non-binding advice now!

Would you like to know how you can integrate and use Clouver in your production?

Then book a personal consultation with us – **free of charge and without obligation**. Or send us an email with your questions. We look forward to hearing from you.

contact@procom-automation.de

Book an appointment now

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