

Clouver Newsletter

SmartKit Dashboard

Always see the current view at the machine – the SmartKit Dashboard from the cloud

We show you how a customer replaced their outdated, locally installed dashboard with the cloud-based SmartKit Dashboard and how operators, supervisors and production managers now work faster and more reliably in their day-to-day tasks.

When every update needs a technician on site, flexibility becomes a problem

One of our customers used a dashboard to display the machine status across their production lines.

The previous solution was installed locally and was difficult to extend. Every adjustment or configuration change had to be carried out directly on site at the machine.

For the customer, this meant: changes took time, updates were laborious, and flexible adaptation to new requirements was hardly possible.

> ⚠ What was therefore sought was a solution that could be **configured and updated remotely** – without anyone having to travel to the factory.

A modular dashboard straight from the cloud

To meet this requirement, the **SmartKit Dashboard** was developed as a standalone, **cloud-based project**.

The dashboard is designed for use on **tablets directly at the machine** and is opened via a **single link**.

Each customer decides for themselves which widgets are displayed, how many of them appear per page, and how they are arranged. Changes to machines or configuration take effect immediately – a simple reload is all that is needed.

The configuration is carried out via a dedicated interface:

Create dashboards

Dashboards can be created by yourself, including based on templates.

Widgets via drag & drop

Place widgets via drag & drop and customise them in detail, such as colours, texts and states.

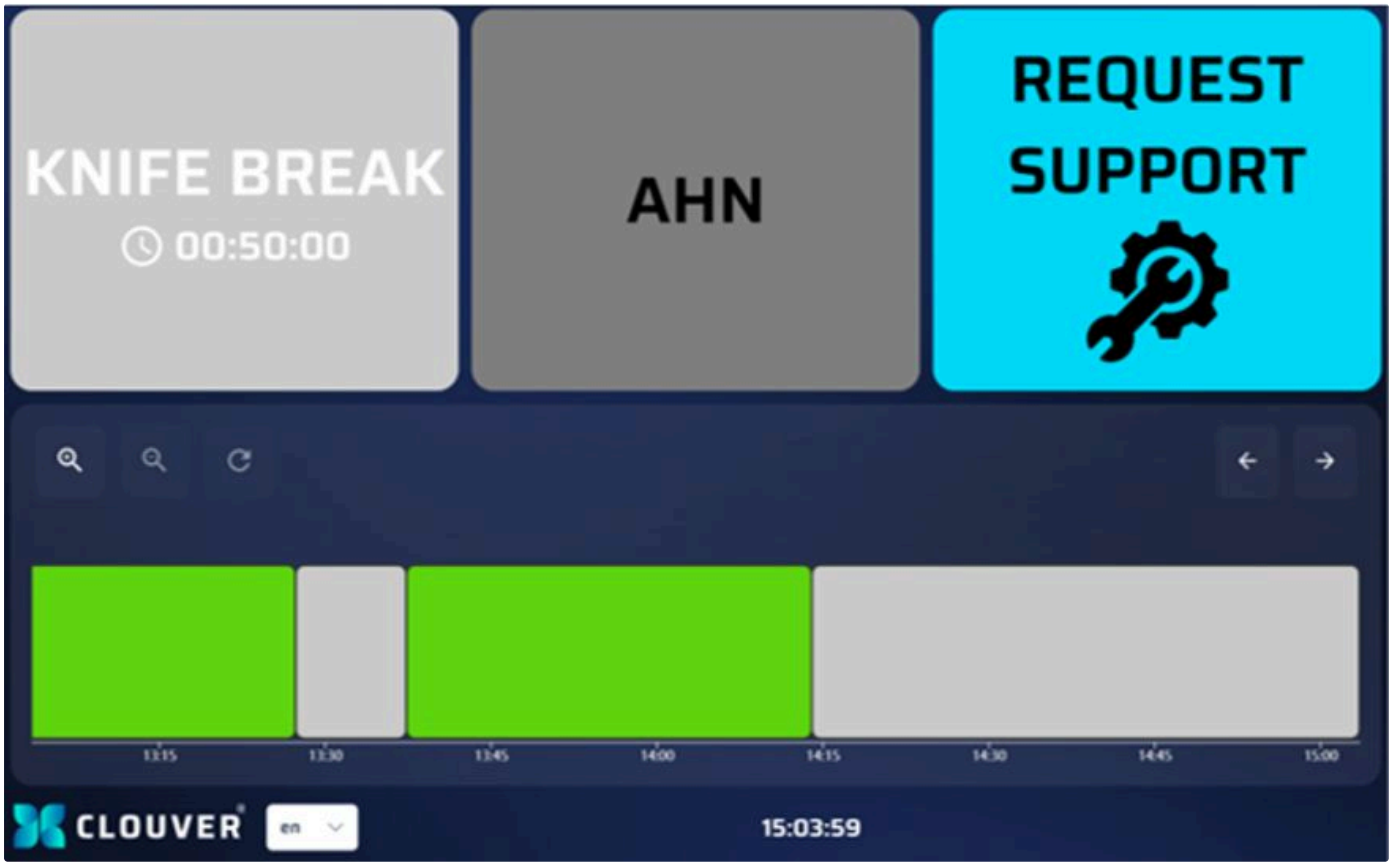
Define reasons for downtime

Reasons for downtime can be freely defined, grouped and sorted.

Support configuration

Contact persons and priorities for support requests can be freely determined.

And since the dashboard comes from the cloud, **all users always work with the current version**.



Example view of the SmartKit Dashboard on a tablet: daily progress, support request and current machine status at a glance.

Each operator sees only what they actually need for their work on the tablet

Four building blocks form the core of the dashboard:

Machine status

The current machine status, automatically detected and freely configurable in colours and labels.

Operator selection

Quick operator selection directly on the tablet, including end of shift.

Support request

Requests to the foreman, production manager or maintenance, including priority and status. Operators describe their concern briefly in their own words, so the foreman or production manager immediately knows what it is about. The status of the request remains visible at all times – for example "on the way" or "in progress". This keeps internal communication fast and without detours.

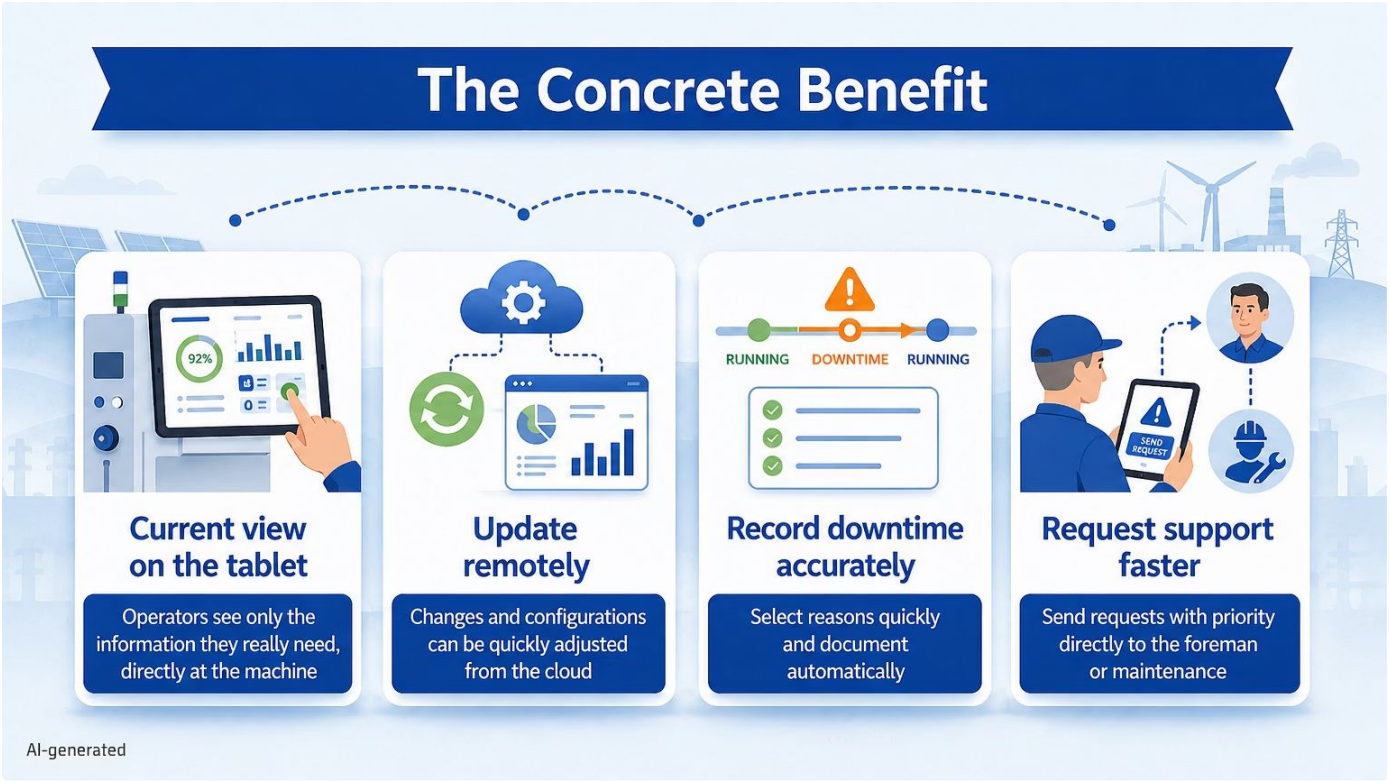
Live timeline

The machine's daily progression with zoom and navigation functions.

> "This way, operators see on the tablet only what is relevant to them – while production managers continue to work with Clouver on the PC."
>
> – Andre K., Product Owner IIoT, ProCom Automation

In principle, any number of widgets and dashboards are possible – tailored to the requirements of each customer – and the SmartKit Dashboard can be used by any customer who deploys tablets directly at their machines.

The dashboard is currently available in German and English. The architecture also allows for any number of further languages – translations can be defined individually for each machine status.



Downtime Recorded Transparently, Leaving No Room for Embellishment

A central component of the dashboard is the automatic detection of machine downtime.

This makes it possible, among other things, to ensure

1. **that a machine's runtime cannot be altered retrospectively,**
2. **that operators can enter the reason for a stoppage, while the detection itself takes place automatically,**
3. **and that a stoppage can be subsequently divided into several reasons via the timeline, for example "Waiting for material" followed by "Programming".**

Even when an operator is removed from the system, historical data and the name remain visible in the past – only future selection is discontinued.

This creates a reliable data basis for root cause analysis.

Typical pitfall and how to avoid it

If too many or unclearly named downtime reasons are stored in the system, selecting one on the tablet becomes an obstacle: operators hesitate, choose the wrong reason, or leave the entry out altogether. The recorded data becomes imprecise and of little value.

It therefore makes sense to structure the reasons clearly and design them so that operators can make a quick and unambiguous decision on the tablet.

Quick win of the month

Establish a fixed routine at every shift change:

1. Log in to the shift on the tablet.
2. When a stoppage occurs, enter the appropriate reason directly.
3. If needed, request support in a targeted way and set the priority.

In this way, these steps become a firm habit and data quality rises without any additional effort.

Get a free consultation now!

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