Shop Floor Data Capture

fitfactory MES

Know what is happening on your shop floor

Fitfactory SFDC gives your operators the information they need to get on with the job, and gives your production manager a live view of every job in progress across the shop floor.

Work-to lists are built from your schedule and pushed straight to each operator or work centre. Your team can see their jobs, pull up drawings and instructions, and clock on and off as they work. Every time gets captured automatically, so your costings and traceability are always accurate.

When something urgent comes in and priorities shift, the Scheduler resequences the jobs and SFDC updates every terminal on the shop floor straight away. No printed lists to reissue, no running round the workshop. Your team sees the new order and gets on with it. Delivery risks get flagged before they become a problem.

The dashboard shows you exactly how your productive and non-productive time is splitting. If the Scheduler planned 40 hours on a work centre but the shop floor only logged 36, you can see that gap, understand what caused it and do something about it. Real data from the floor, turned into something you can act on.



Drawings & instructions

Priority & work-to lists

Accurate time recording per job



"Before using SFDC, there could be 20 jobs with the same name. However, the SFDC allows you to open up each job and see what each one is, with drawings also attached. So it's much easier now."

- Weymouth Precision Engineers Ltd.

Work queues

Work queues are built by the Scheduler or Planning Board and pushed directly to the shop floor terminals. When job priorities change, every terminal updates instantly. No more running to the workshop to hand out revised lists or hoping the right person got the message.

Each terminal covers up to 10 work centres, though in most cases one terminal per machine works best. Similar machines can share a single terminal where that makes sense.

Your operators can tap into any job in their queue to check the status of the operations before it, so they can see how far away their next job is and plan their time without having to ask anyone.

Every detail the operator needs is on the terminal. Works order number, scheduled start, delivery date, customer name, part description, part number and issue level.

Notes

Operators can add notes to any time period on a job. Anything worth recording about how the operation went can be captured there and then, ready to feed back into the job card, manufacturing notes or instructions for next time.

Job packs

Any file can be attached to a job or operation and opened straight from the terminal. Drawings, inspection sheets, set-up notes, whatever the operator needs are attached to the works order and waiting when the job starts.

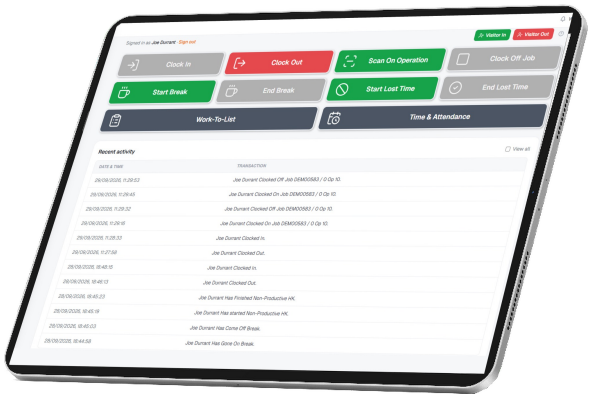
Time recording

When an operator starts a job they tell the system whether they are in setting or running mode. Both times are recorded separately so you can compare actual times against the estimates on the job. For parts you make regularly, those actual times can be fed back into the template so your estimates improve over time and better reflect what the job actually takes to do.

Breaks and pauses are logged as they happen. If an operator is running more than one machine, they can pause all of them in a single tap and restart them the same way. Setting and run time targets can be shown on screen so operators can see how they are tracking against plan. More than one operator can be clocked onto the same job at the same time and all their times are recorded.

Downtime is captured as it happens too. Operators start and end lost time from the terminal, so you can see where hours are going and what is causing it.

Operators can adjust the time recorded against a job if needed, for example if they forgot to clock off. This can be locked down so that only the production manager or admin team can make those changes.



"We now have a SFDC-e terminal at virtually every CNC machine which is linked to the scheduler. When urgent changes are made and scheduled the operator's screen immediately reflects the revised priorities."

- Kristek Precision Ltd.

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