

4 ways digital keeps the production line flowing

When the majority of workers rely on documented instructions, the knowledge of others, and manual processes to perform jobs, workers absent due to COVID-19 can threaten production. Digital knowledge enables manufacturers to keep the line flowing, providing workers the tools and information they need to work efficiently and autonomously.

70%

of front-line workers need documented instructions to perform their job

19%

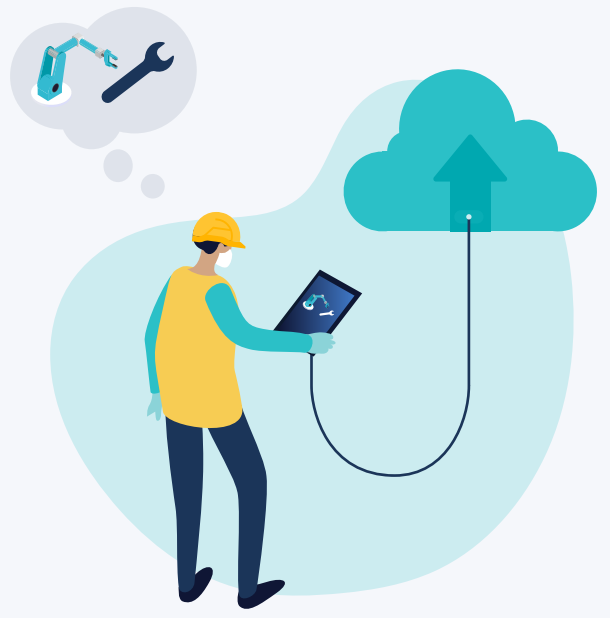
of worker time is spent looking for information needed to perform their job

62%

use pen & paper to track vital manufacturing steps, which often leads to errors and inefficiencies

Capture knowledge

An alert is received for a machine overheating due to low fluid. Sam arrives at the scene, snaps a photo of the issue and uses his mobile device to record the steps he took to fix it. He saves the steps in a standardized issue resolution template and easily uploads it to the knowledge base to share with others.



Minimize downtime

The same manufacturer has a plant on the other side of the globe. Mauricio receives a deviation alert for the same issue operator Sam encountered a week earlier. Since the issue resolution steps have already been recorded in the knowledge base, Mauricio is able to look them (and OCAPs) up via mobile to resolve it more quickly, with less downtime.

Enable worker autonomy

A newer operator arrives to work and sees via his mobile device he's been assigned the task of starting a machine he isn't familiar with. Upon arrival at the machine, he scans the QR code after which the relevant SOP pops up with step-by-step instructions for machine startup.



Protect the workforce

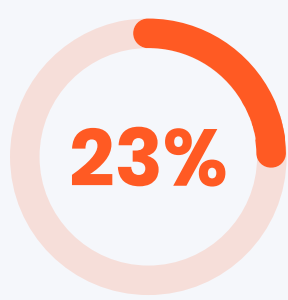
Plant management inserts an additional step of hand washing and mask application into Standard Operating Procedures (SOPs) for jobs based in areas of the plant that manage food packaging. The digital workflow for the job first prompts the worker to agree both requirements have been met before entering the area.

Digital knowledge safeguards production in any scenario

Mobile task and knowledge management can prevent interruptions in production by ensuring job-essential information is recorded, continuously updated, accessible to all, and mobile-enabled. In addition to ensuring continuity during the COVID-19 crisis, it significantly improves plant productivity in any scenario:



Reduction in cycle times with digital task management and automatic knowledge management



Increase in productivity with mobile-enabled workers

Sources: PSbyM Process Industries Performance Study 2019 | McKinsey | Themanufacturer.com | SMLC | Forbes

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