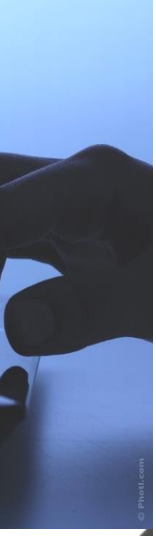
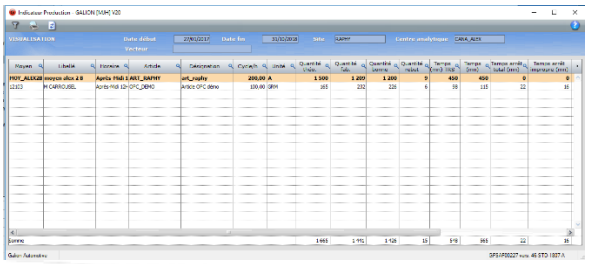


« Monitor the performances of your production tool »

Monitoring production performance is an issue for all manufacturers, in particular in the automotive industry, as margins are small and production efficiencies are necessary. Shop floor activity control consists in enabling to note manufactured quantities, production scrap, time spent, shutdowns (temporary down time) in order to calculate the indicators: the synthetic output rate, the operator output rate, the operational readiness or the quality rate.



Goals

- It provides a system which records the time spent and the causes of shutdown in order to calculate the indicators (CNOMO norm, CNOMO is a standardization committee created by PCA, RENAULT and PEUGEOT-CITROËN)
- It also records the causes of scrap in order to analyze and to implement action plans to correct and improve production.
- It enables to use acquisition methods adapted to different configurations and possibilities.

Use

The functions enable to enter the work periods of every production means and to record production down time for each production (whether the cause is external or internal, because of execution or configuration), per team, per production centre and taking the times into account (Elementary Work Unit, Autonomous Production Unit...).
Recorded data can also be about the activity of the workforce compared to the overall workforce or per operator code.

Analysis

Every workshop or group of machines is required to follow a process of measurement and improvement of performances. The efficiency measured with regard to the “routed” time enables to give essential information for management.
All the collected data can be of use to calculate the actual cost price for the direct cost part.

Six good reasons to adopt it

- Integration with all technical and financial data
- Standard indicators (synthetic output rate, operator output rate, overall equipment effectiveness OEE, etc.)
- Data by post team entry or process of marking by the operator (scrap and shutdowns)
- Possible matching and monitoring with the inventory
- Integration with the GALION MES solution and others
- It is possible to publish the results on a screen in the workshop

Galion automotive

GALION Shop floor Activity Control