Shop Floor Data Collection for Microsoft Dynamics 365 Business Central

Understanding Shop Floor

Shop floor utilizes production order to capture the data on the shop floor and reduce the error associated with the manual entry time and work.

It helps to keep a 360-degree view on the staffs and helps in maintaining the data accuracy.

Why Shop Floor Data Collection Tool?

The system has been designed keeping shop floor users in mind. The Shop Floor Data Collection for Business Central is easy to navigate and simple to learn, enabling operators to complete their daily work activities with minimal effort in an efficient way.

Tracking the live progress of each active operation delivers insight into the shop floor adherence to plan, helping to improve your on-time delivery performance. Shop floor managers can use the recorded data to manage productivity, accurately predict delivery dates, make more efficient decisions.

It helps to enable the staff to focus on value added tasks to drive business performance. By automating shop floor data collection, organization will increase data accuracy, reduce unnecessary overhead costs and improve the efficiency of the staff.

Features and Capabilities

- Ensures optimum execution of production schedule.
- Effective planning of the activities.
- Use of QR code making it time efficient.
- Drawing comments, remarks, instructions etc. are available.
- Effective collection of Job time data for calculation purpose.
- Efficient time management of the production orders.
- Assign multiple job allotment to the worker based on the capability.
- Displays the list of delayed production process.
- Managers can get the online visibility of the worker and the production order.
- Calculate the work efficiency.
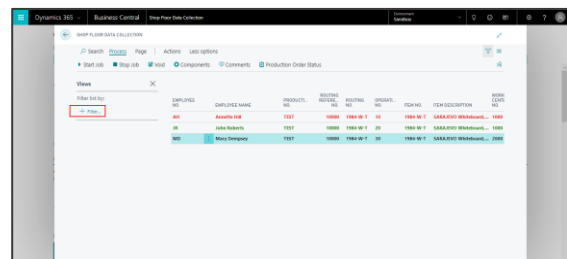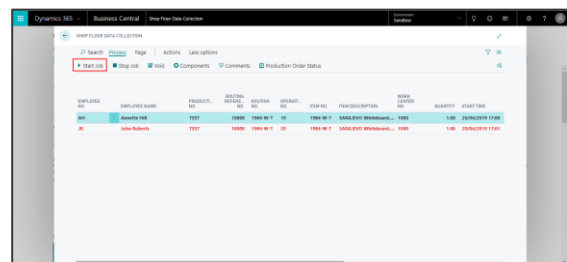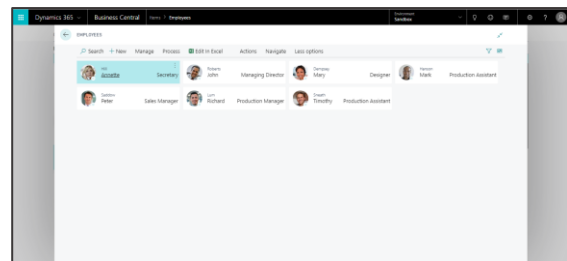- Less paper and manual work.

Working of Shop Floor

- Create a Released Production Order with routing steps.
- Print the Job Card which includes the QR code for each operation.
- When the operator starts work on the operation, they scan their Employee QR code and the Operation QR Code from the Job Card to Start the Job.
- When the operator completes work on the operation, they scan their Employee QR code and the Operation QR Code

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from the Job Card and enter the Output Quantity to Stop the Job.

- Stopping a Job will automatically post the Output.
- Once the last operation is finished, the Production Order will be automatically Finished (If activated in the setup).

Benefits

- Warehouse errors are reduced to a minimum
- Consumption posted in real time gives a correct overview of the inventory
- Record non-productive and delayed time for advanced reporting
- Get the real time reporting of the workers and production
- Clear communication between the management and employees
- Reduce labor costs and data entry errors
- Eliminate manual entry time with QR code scanning