

SMARTSHOP PRODUCT GOALS

Data Capture & Analytics

I need to capture appropriate data for parts so the engineers can accurately estimate job costs and help them design more efficient parts in the future.

Quality Defect Management

I want to guarantee the highest possible quality for parts. To do this, I need an efficient digital workflow that helps me keep track of all of a part's defects.

Overall Cost Reduction

I want a simple and efficient digital workflow that allows me to get my job done faster so I can help reduce job cycle time.

SMARTSHOP DESIGN PRINCIPLES

Get out of My Way

I know what I need to do to get my job done. I just need a tool that lets me do what I need and is flexible when I need it to be.

Keep it Simple

I have a lot of things to think about while I'm working. I don't want to have to figure out how to do my job within SmartShop.

Design for Various Screens

I never know what device I'll use. I'll be at a large touch screen for Operations Execution, but I might use a large TV, a tablet, a laptop, or smart phone for other activities.

REWORK OPERATIONS INITIATIVE

1. I need a digitized rework workflow for shop floor management.
2. I need to ensure the parts that need rework have completed repair work scopes efficiently.
3. I need to be able to differentiate between a regular works cope operation and a rework operation.
4. I need to quickly identify and modify parts that need rework.
5. I need to ensure that rework operations are identified on necessary work scopes.



Operator/Inspector

CELL // SHOP FLOOR

Complete the tasks involved for each operation and report any defects if I find something wrong throughout the course of the job.



TASKS

1. Follow the instructions to perform the given operation
2. View and utilize reference documents and manuals when needed
3. Fill out a data sheet for inspection data
4. Voucher hours to the operation



Quality Engineer

CELL // SHOP FLOOR // OFFICE

I ensure the quality of the operations are meeting protocol standards to progress the job forward.



TASKS

1. Oversees proper operation execution.
2. Handles dispositions and sign offs of operations.
3. Edits the master router data according to various incoming requests and technical expertise.