

ARC ID – 6675 Custom GS Mobile – WO from Part

Arturo Almaguer, March 2022

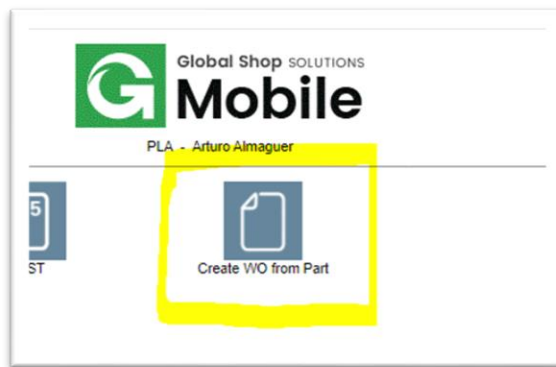
Customer: Nyle Systems

Business Case: Customer wants to create a new custom mobile transaction, so the user would be able to scan a part and then automatically create a WO from the scanned part if all criteria is met.

This project is launched off one of the custom mobile 39000 hooks.

Project's step by step

1. A new custom mobile transaction named 'Create WO from Part' will be created.



2. After the user clicks on it, it will only require the user to scan the part number and then they will be able to submit the transaction.

3. A GAB script will run in the background to verify each of the following points:

- Validate that the part is a manufactured part
- Validate if an order quantity exists on the part's inventory master
- Validate the lead days on the part's inventory master
- Validate that a router exists for the part
- Calculate the WO Due Date = Today's Date + Lead Days.
- Use the part number, order quantity and due date to create the new WO.

Note: If the process failed at any point, the failed validation would report back to the user why the transaction failed.

4. Once the process ran successfully and the WO has been created, the program will report the newly generated WO number back to the user.



- The program will print the barcoded WO for the recently created WO.

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GLOBAL SHOP SOLUTIONS

Work Order Router

Work Order	Description	Due	Quantity	UO	Ship	Quantity	Sales Order
500109	CAT IDLER	04/05/22	1.00	EA			

Part Number/Rev/Loc	Customer Name	Order	Cust Quantity
0025	BERGER METAL FABRICATION	03/29/22	1.00

Cust Number Prod Line 2163 MARTIN AVE. **Complete**

BMF FG SANTA CLARA CA 85059

Cust P O Number **User Priority**
000

CustPart Number	Additional Description	Standard Router
		0025

CustDrawing Number	Price/Pc	Order Value

Seq	LMO	WC-Part-Code	Description	Start	Due	Unit	Setup	Runtime	Total	--- MATERIAL ---	Unit/Part	Total
000100	M	CR1648120	COLD ROLLED STEEL 16 GA.48X120	03/23/22	03/25/22	SF				5.0000		5.0000
000200	L	SAW	SET UP SAW DEPARTMENT	03/28/22	03/28/22	HR	.2500		.2500			