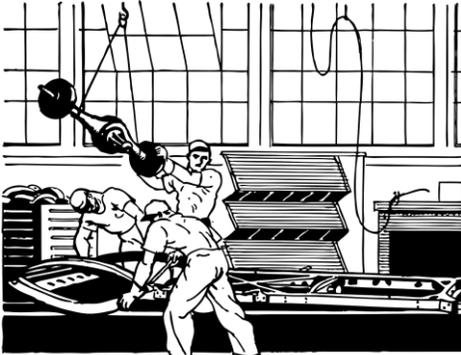


Functional Tips for Print Envoy



This month's tip for getting more from your Print Envoy implementation!

Print Envoy New Feature Preview: Production Floor Execution Interface Print Handler

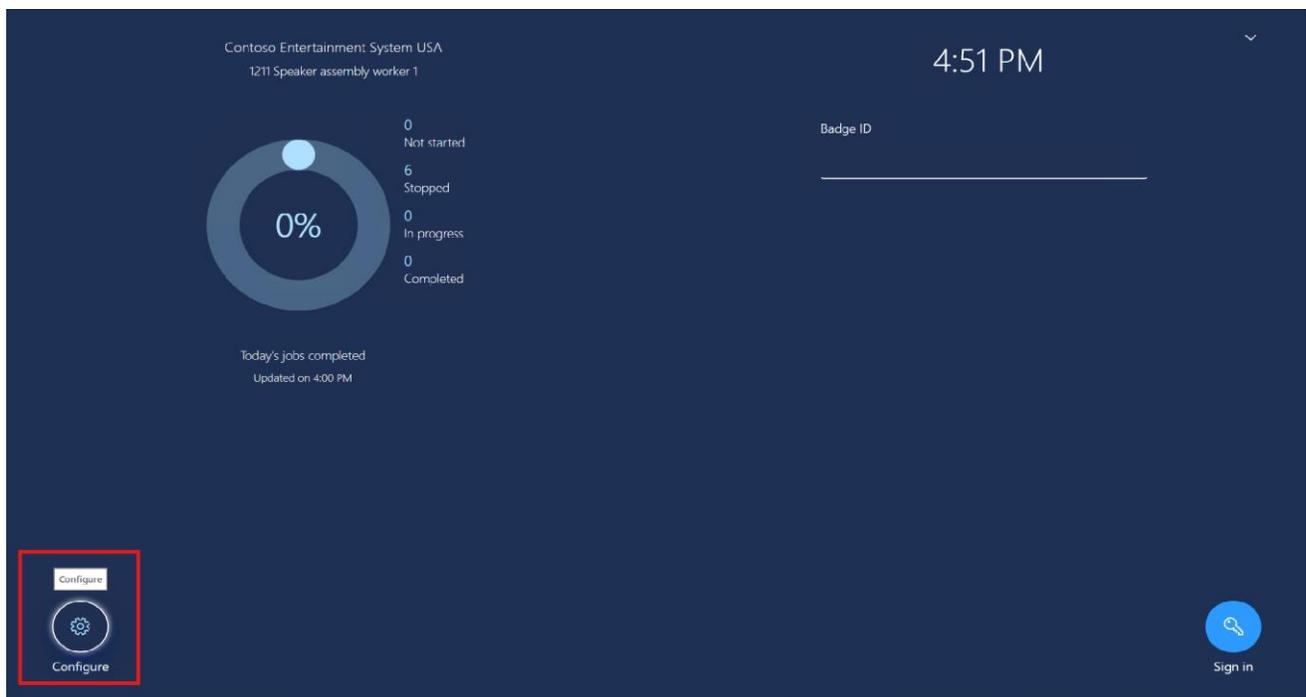
-By Harrison Brazelton harrison.brazelton@cloudinventory.com

This month, we'll cover the new **Production Floor Execution (PFE)** interface and print handler. The PFE interface is touch-friendly and lets users bundle and start production jobs, even offering visual instructions through HoloLens. It's designed for mobile workers on the shop floor, accessible via tablet or kiosk, with sign-in options like a 'Badge ID' instead of the traditional single-user D365 login. This setup can reduce licensing costs by allowing multiple users to access production jobs through a single session, without needing full D365 user licenses or access to the production control module.

Production Floor Execution Interface

The first step to utilizing the PFE is to configure a worker in D365 for time registration. The link below will take you to a Microsoft article on how to configure a worker to use this workspace. We will not be covering this portion of the configuration in this newsletter.

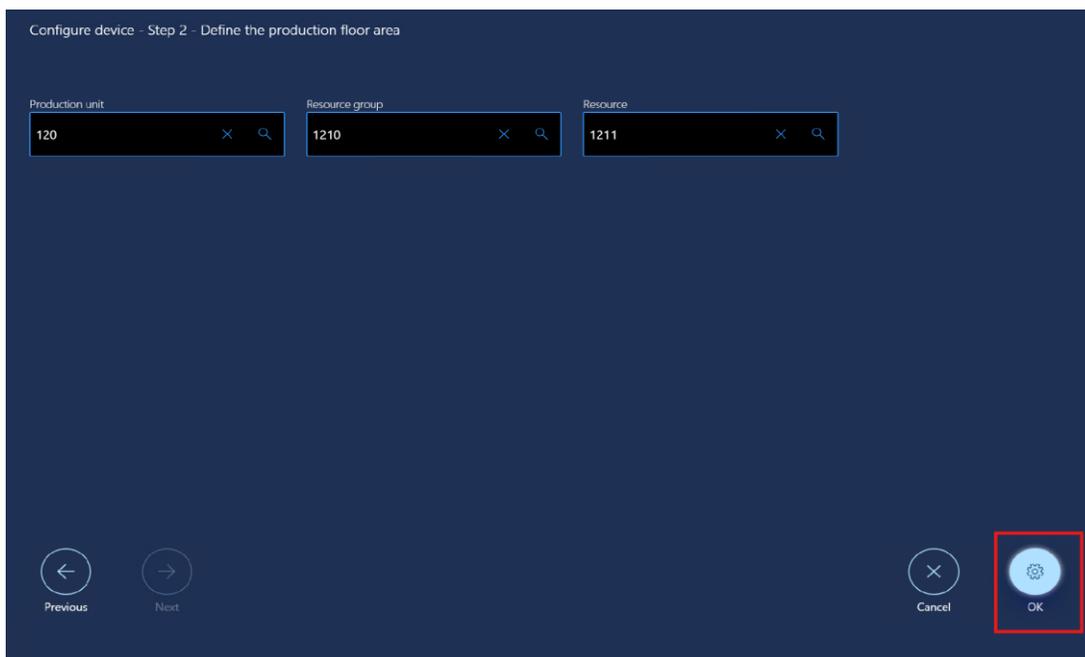
<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/production-floor-execution-worker-accounts>



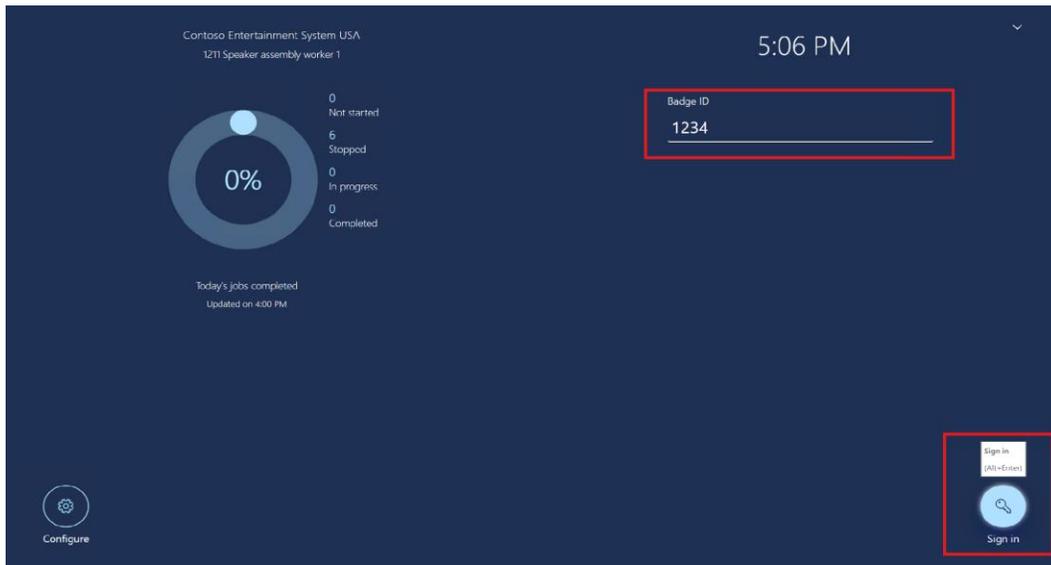
Navigate to the PFE through the following path, Production control → Manufacturing execution → Production floor execution. Once you are here you will most likely be prompted to configure the interface if you have not already done so, if not go ahead and click the 'Configure' button highlighted in the picture above.



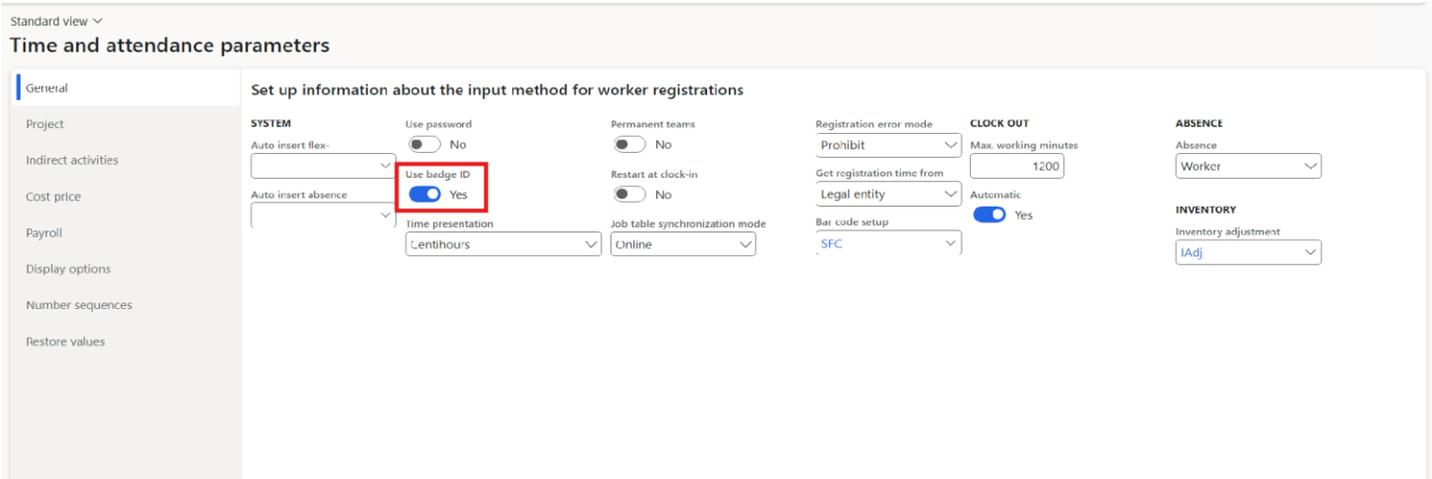
Make sure you have the configuration you want to customize selected, in our case default is the only one that exists so we will move forward with the configuration by pressing the 'Next' button.



Select the criteria for the production orders you want to see, once you have verified the information on this screen click the 'OK' button.



Once you have your PFE interface configured, you will need a sign-on method that your workers can use and set up their respective values on their defined worker record in D365. In this example I have chosen to log in using the 'Badge ID' field, so I must make sure that my worker has a valid Badge ID assigned to him. When you have your information needed to log in entered in you will click the 'Sign in' button.



To change or verify the sign in method, navigate to Time and Attendance – Setup – Time and attendance parameters. You can see the radio box for 'Use badge ID' highlighted above, this corresponds to the sign on method seen on the PFE interface.

Functionality and Print Handler

	Job ID	Order	Description	Product	Requested	Started	Comple...	Scrapped
II	004597	P000124	Speaker assembly	D0003	6.00		0.00	0.00
II	004805	P000129	Speaker assembly	D0003	17.00		0.00	0.00
II	004801	P000130	Speaker assembly	D0003	25.00		0.00	0.00
II	004793	P000132	Speaker assembly	D0003	172.00		0.00	0.00
II	005172	P000162	Front grill mounting	D0004 : Default : : :	1.00		0.00	0.00
II	005886	P000213	Speaker assembly	D0003	1.00		0.00	0.00

When you are signed in and the worker has stopped, started, or pending production jobs that fits the criteria of the interface configuration, the records will appear in the list. From here the worker can start the job, add or remove quantity for a job task, print a label through our PFE print handler, or sign-out if they are done using the PFE form. This interface allows for use of touchscreen and is built to display on a tablet or mobile device, giving it the unique look and feel that is much different from a traditional D365 form.

Standard view ▾

Print Handlers

Description Production Floor Execution Butt...	Confirmation <input checked="" type="checkbox"/> Yes	AOT Query <input type="text"/>	Create multi label <input type="checkbox"/> No	Sorting Label Records <input type="text"/>
Handler Name ProductionFloorExecutionButton	Enabled <input checked="" type="checkbox"/> Yes	Records to Print Header Only ▾	Enable override <input checked="" type="checkbox"/> Yes	Template Rule Count <input type="text" value="1"/>
SQL Template Select Statement <input type="text"/>				Printer Rule Count <input type="text" value="0"/>

The 'Production Floor Execution Button' is the print handler that will need to be enabled for workers to see the 'Print Labels' button pictured above on the PFE form. You can select which fields you want to print as normal with any other print handler, and of course even add your own SQL statement if you would like to grab additional fields that are not already included.

Thanks for making it this far, and I hope that you will be able to find value in this great new feature! If you are interested in learning more about the PFE print handler, or if you would like us to develop a new Print Handler to fit your workflow please reach out to me at harrison.brazelton@cloudinventory.com. Also feel free to reach out if you have any ideas of your own that you believe would be beneficial to the functionality or value of Print Envoy.