Infor Factory Track Mingle Widget User Guide

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About this guide

This guide provides information on the standard Mingle Widgets for Supervisors, based on the Shop Floor functionality in the Infor Factory Track application.

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme Support portal.

If we update this document after the product release, we will post the new version on this website. We recommend that you check this website periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Overview

Infor Ming.le is an application framework that provides a common user interface for the integrated Infor ERP applications. Infor Ming.le provides a centralized platform for employee collaboration where information is shared and conversations are organized across Infor Ming.le.

Infor Ming.le provides drillback capability in the Infor applications for the users:

- To navigate from one application to another application to track transactions,
- To transfer the data and report updates.

Additionally, Infor Ming.le provides a setup for sharing content in various context applications.

The Supervisor Mingle Widget Homepage displays the standard Mingle Widgets for Supervisors based on the Shop Floor functionality in the Factory Track application.

Setting up authorizations

Use the Mingle dashboard in Infor OS to set the authorization for accessing the widgets. To set the authorization:

1. Access Factory Track web client.
2. Select Open>Users form.
3. Specify this information for a new user:
    - Username

      The username for the new user.
    - Workstation Domain/ID

      The required Domain\Domain Username.
4. Create the FT-Supervisor group and the FT-WMBase group on the Groups tab.
5. Click **User Modules** and specify the **FactoryTrackShopFloorELN** module name for the specific user.
6. Click **Save**.
7. Select Open> Work Groups form.
8. Select or create the required Work Group form.
9. Add the Supervisor User ID to the selected work group on the **Privileges** tab.
10. Click **Save**.
11. Select Open> Users form.
12. Specify this information on the **Factory Track** tab for the selected user:
    - User Type

      The user role assigned for the newly created ID.

      Set the field to Supervisor
    - Menu Group ID

      The menu group to which the user is assigned. Set the field to LNSup.
13. Select Open> Employees form.
14. Assign a **Supervisor Work Group** to the employee.

Mingle Widgets for Supervisors.

The Mingle Widgets for the supervisors based on the Shop Floor module in the Factory Track application are available on the Infor Ming.le Homepages. The widget data is represented in the form of a chart. The Infor Ming.le Homepage can be personalized based on the requirement.

Mingle Alerts

The Alerts widget displays the most recent alerts in the alerts widget pane.

Configuring mingle alerts

To configure the alerts widget:

1 Click **Configure** on the menu.

2 Specify this information on the Configure Widget screen.

Title

Name of the widget.

Order by

Select the value to sort the alerts. The possible values are:

- Newest
- Oldest
- Search criteria
- Category
- Assigned Status: **To Me** or **Unassigned or All**
- Time: **All, Today, Yesterday**, or **Older.**

3 Click **Escalated** to filter the escalated alerts widget.

4 Click **Save**.

5 Click **Advanced** to publish widget, publish copy widgets, edit publish configuration, duplicate widget, copy widget and rest the widget settings to Default.

See *Mingle Help*.

Machine List

The Machine List widget displays the resource records related to the assigned Resource Groups of the logged in supervisor.

Using the Machine List widget for resource status

Use the widget to provide information on the resource status. To set the resource status:

Note: By default, all the widgets display data for the current week.

1 Click SelectDates to provide the date range to view the available resource records.

2 Click Select. The record list is displayed.

3 Select Status to provide the machine information for these status:

- Running
- Inactive
- Down

4 Select the required records to validate the status.

The status update is determined by various color codes. The color codes used are green for running, blue for inactive and red for down.

Note:

- If the status of the selected machine is set to Running, the manufactured item is displayed.
- If the status of the machine is set to Inactive, verify the tasks assigned to this machine. If no record exists, the 0 tasks Assigned'" message is displayed.
- Each listed machine record displays the OEE.

5 Use these calculation methods to calculate the Overall Equipment Effectives (OEE) for the record. The methods are:

- Availability is defined as a percentage representing the total number of productive hours of the machine divided by the total number of hours captured
- Quality is defined as the percentage calculated by dividing the total number of items accepted, by the sum of the total quantity of the item (that are rejected and accepted).
- Efficiency is defined as the total productive hours of the machine divided by the total machine hours.

The OEE for the record is represented in different color code. and each record is based on the calculated percentage. OEE is the product of Availability x Quality x Efficiency. The colors and thresholds can be set using the Transaction Set Maintenance form for the OEE transaction.

6 Select the required Machine. For the selected machine, the different OEE coefficients are displayed graphically.

7 Click **Return to All Machines.** The parent widget form is displayed.

Machine Assignments

The Machine Assignments widget displays the current assignments related to the machine linked to the supervisor.

Top Down Time Codes by machine

The Top 10 Downtime Codes widgets displays the downtime codes that are recorded in total or for a specific machine in a specific date range.

See Configuring supervisor machine widgets to configure this widget.

Work Centers status list

The Work Centers widget displays the OEE (for the current week) related to the assigned Work Groups of the logged in supervisor. This widget has option to change the date range, if required.

See Working with widget for OEE calculation method.

Reviewing the Work Center KPIs

To review the related work center:

1. Select the required work center. For the selected work center, the different OEE coefficients are displayed as a graph.
2. Click **All Work Centers**. The parent widget form is displayed.

Employee list

The Employee List widget displays the status of employee records related to the assigned Work Groups of the logged in supervisor.

Reviewing the Employee list widget

To review/edit information for employee records:

The Employee List Widget form displays the available assignment information for each employee record.

1. Select the required status from the filter.

- All
- Active
- Inactive

2 Select the required operators/employee. The supervisor can review the Shop Floor module page to create or remove assignments for the operator/employee.

Open Tasks

The Open Tasks widget displays the open tasks (Shop floor operation activities) for Work Centers related to the logged in supervisor.

This form also displays the number of machines and the operator assigned to each task.

Top Reject Codes

The Top Reject Codes widget displays the option to change the date range for all the rejected quantities recorded in the Shop Floor module.