Infor Factory Track LN Shop Floor Administration Guide

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Publication Information

Release: Infor Factory Track Release level 6.01.10

Publication date: March 13, 2018

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About this guide

The System Administration Guide provides information related to managing and maintaining Factory Track LN Shop Floor transactions.

See the Infor Factory Track Installation Guide for instructions on functionality of the Factory Track application. See the Factory Track online help for more information on the Factory Track application.

Intended audience

This guide is useful for the Infor and Partner Pre-Sales and Implementation Teams for setting up the Shop Floor module in LN for Factory Track.

Additional Infor Factory Track Documentation

The most current version of all documentation is available on the Infor support web pages (see “Contacting Infor Support").

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.

Online Help

Factory Track online help gives you instant access to procedures and information about forms and fields. You can access Help from Infor Factory Track forms, from other topics within Help, or from the search (index) function. Select Help > Contents and Index from the Infor Factory Track title bar to open the Help, or use the F1 key to get help on any form or field.

Master Data Download from ERP System

The data is updated using BODs from the ERP system:

- Employees
- Work Centers
- Machines
- Indirect Tasks.

Note: The above data are updated automatically when the ERP system is modified.

The temporary data is updated using the Web Service Calls from the ERP system:

- Production Orders
- PCS projects

Setting Global Parameters

Use the Global Parameters form to configure parameters that apply to all Infor Factory Track transactions and forms.

To configure Global Parameters:

1 Form> Open> Global Parameters

2 Specify this information:

Shop Floor in Use

If this check box selected, you can access the shop floor module in the Factory Track application.

PIN Required

If this check box is selected, specifying the PIN is mandatory when you login as a generic user.

3 Click **Save**.

Setting up Shop Floor Parameters

Use the Shop Floor Parameters form to configure the parameters that are applicable to all the Shop Floor transactions.

To configure Shop Floor Parameters:

1 Form> Open> Shop Floor Parameters form.

2 Specify this information:

ERP Available

If this check box selected, the link to the ERP system is currently available.

Maximum number of Tasks to Display

The maximum number of allowed tasks displayed on the Dispatch List, Assignment List and Resource Assignment forms.

Allow Multiple Tasks by Operator

If this check box is selected an operator can work on multiple tasks simultaneously.

Allow Multiple Tasks by Machine

If this check box is selected, a machine can work multiple tasks simultaneously.

Note: This option is ignored for machines that have machine integration functionality selected. These machines are only permitted to work on one task at a given point of time.

Gap Interval (in Minutes)

The gap interval expressed in minutes, applicable to the process of starting and ending multiple tasks for the same operator or machine.

This is also invoked for single-task operators where the stop and start times are within the given number of minutes.

Show Unassigned Tasks

If this check box is selected unassigned tasks are displayed in addition to the assigned tasks.

Supervisor Start Page

If this check box is selected, these forms are displayed on the homepage of the supervisor in the Shop Floor module:

- Resource Summary
- Assignment List

Display Welcome Message

If this checkbox is selected, specify the welcome message that is to be displayed when you login to the biometric system.

Biometric System in Use

Select this check box only if the biometric system is in use. Specify this information:

- **Biometric Instruction**

  The instruction message is displayed when you login to the biometric system.

- **Biometric Message Validity (in seconds)**

  The duration (in seconds) for which the message is displayed.

3 Click **Save**.

Setting up Order Types on Resource Order Types

Use the Resource Order Types form to list the resource order types supported in Shop Floor module.

1 Form> Open> Resource Order Types

2 Specify this information:

- Resource Order Type: The current types of order that the Shop Floor module supports. The possible values are:
  - Indirect
  - PCS
  - Production
- Resource group Type: The types of group that the Shop Floor module supports
- Action: Select this check box to determine whether the order type is to be be used in this configuration
- Order Key:

3 Click **Save**.

Creating Resource Groups

Use the Resource Groups form to create resource groups in Shop Floor module.

Note: These would normally be downloaded automatically from the native ERP system.

1 Form> Open> Resource Groups form.

2 Specify this information:

Resource Group

The Resource Group set in Factory Track application.

Resource Group Type

The only resource type currently supported is Work Center.

Description

Provide a description for the resource group.

From ERP

This field is selected, if the resource group is downloaded from the Infor LN System.

3 Click **Save**.

Creating Work Groups

Use the Work Groups form to create work groups in FT.

Each employee must be assigned a work group. Work groups are used to group employees for supervisory purposes. This form is used to create the different work groups which are required. Each work group must be assigned to one or more supervisors (on the privileges tab). This allows groups of operators to be controlled by one or more supervisors.

1 Form> Open> Work Groups

2 Select **a work group**. The details of the selected work group are displayed.

3 Specify the **User ID** on the **Privileges** tab for the supervisor role.

4 Click **Save**.

Setting up Labor Types

Use the Labor Types form to create required labor types in FT.

1 Forms> Open> Labor Types

- Click **New** to create a new labor type.
- Click **Save**.

Setting up Schedules

1. Use the Schedules form to define the Working Time Schedules used in the configured Infor LN System.
2. Click **Save.**

LN Shop Floor Users Type

This section provides information to access the Infor LN Shop Floor Forms using these roles:

- Supervisor
- Operator
- Machine

See *Infor Factory Track LN Shop Floor User Guide*

Setting up Supervisors using the Users form

Use the Users form to configure the supervisors for shop floor.

1 Forms> Open> Users

2 Select an existing user for the supervisor role. You can also click **New** to create a new user for the supervisor role.

3 Select **FactoryTrack Info** tab.

4 Specify this information:

- **User Type**
  Select the user type as Supervisor.
- **Menu Group Id**
  Assign the menu Group LNSup to the user.

5. Click **Save**

6. Link the resource groups (work centers) to the supervisor role using the Supervisor Resource Group Access form.

7 Assign operators to the supervisor role using the Work Groups form.

8 Click **Save.**

Setting up Operators using Users Form

Use the Users form to configure the operators for shop floor.

1 Forms> Open> Users

2 Access the Shop Floor module using the generic username.

3 Specify the **User Type** as **User** on the **FactoryTrack Info** tab.

4 Select LNMain as the Menu Group ID.

3. Click **Save**.

Setting up Operator for individual employees

Use the Employees form to set up an operator for individual employee:

1 Form> Open> Employees

2 Specify this information on the **General** tab:

Shift

The shift time schedule specified for each employee

Work Group

The Work group which this employee belongs to. This determines the supervisor(s) responsible for this employee.

3 Specify this information on the **Kiosk Access** section in the **General** tab:

User Name

The user name if the employee has a dedicated Factory Track login. In general, employees are not included in this category.

Default Order Type

The default order type assigned to the operator.

Default resource Group

The default resource group (work center) assigned to the operator.

4 Click **Save**.

Setting up Machines using Resources Form

Use the Resources form to configure the machine for shop floor.

1 Form> Open> Resources

2 Select an existing resource ID or create a new one.

3 Select the **From ERP** check box to default the machine data from the ERP system. This box is filled automatically if the machine is downloaded from the ERP. This is not for manual entry.

Note: Machine data can also be manually specified in the system.

4. Specify this information:

Schedule ID

The working time schedule for the resource ID.

5. Select the **Using Machine Integration** check box to determine if the resource is integrated to the machine. The integration detail fields are displayed. Specify the required information in the integration detail fields.

6. Click **Save.**

Assigning Resource ID to the User

Use the Users form to configure the machines for the shop floor system.

1 Forms> Open> Users

2 Select an existing user. You can also click **New** to create a new user.

3 Select **FactoryTrack Info** tab and specify this information:

- **User Type**
  Select the user type as Machine.
- **Menu Group Id**
  Set the Menu Group to LNMachine

4. Click **Save.**

Indirect and Direct Tasks

The tasks can be specified manually in FT.

Use the Machine Down Reasons form to define new reason codes for rejection.

The machine downtime tasks manually specified in FT must be Indirect task type only.

Note: These cannot be posted to ERP directly.

Production Orders

Use the **Load Orders From ERP** form to download production orders in different ways:

Note: Only works on a mass basis.

• Mass basis

• New change basis after changes are performed in FT.

See *FT Online Help* for more information.