Infor Forcam MES Alternative Workplaces in Detailed Order Scheduling (DOS)

Version 5.11.12

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About this guide

Intended audience

Organization

This table shows the chapters of the guide:

Section	Description

Related documents

You can find the documents in the product documentation section of the Infor Support Portal, as described in "Contacting Infor" on page 5.

Contacting Infor

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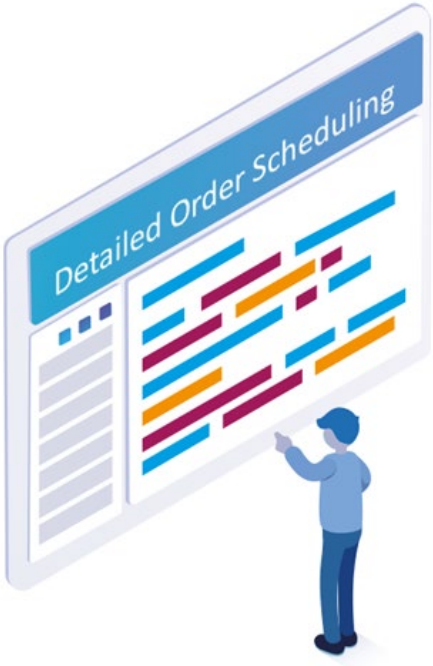
Chapter 1 Concept

The Detailed Order Scheduling (DOS) is a module in Infor FORCAM MES for detailed production planning and -control. The basic purpose is to determine machine occupancy of the workplaces to be scheduled, while also considering the limited capacity. The DOS is designed for use in the operational production environment and is intended to support the dispatcher in reacting quickly to changes in the production environment (e.g. machine malfunctions, urgent orders, etc.).

In addition, helping the dispatcher with the task of optimally guiding the ever-increasing number of orders through the production process from a scheduling perspective.

The general functions of the DOS are described in the manual **Detailed Order Scheduling**.

This document informs about newest functions of the DOS and guides the user on how to use them correctly.



Chapter 2 Alternative workplaces per operation

The Infor FORCAM MES DOS supports the scheduling of alternative workplaces, which is used when planning in groups of workplaces.

Alternative workplaces are used whenever there are bottlenecks or downtimes on machines. This means that production is shifted to other machines of equal capacity so that there is no interruption.

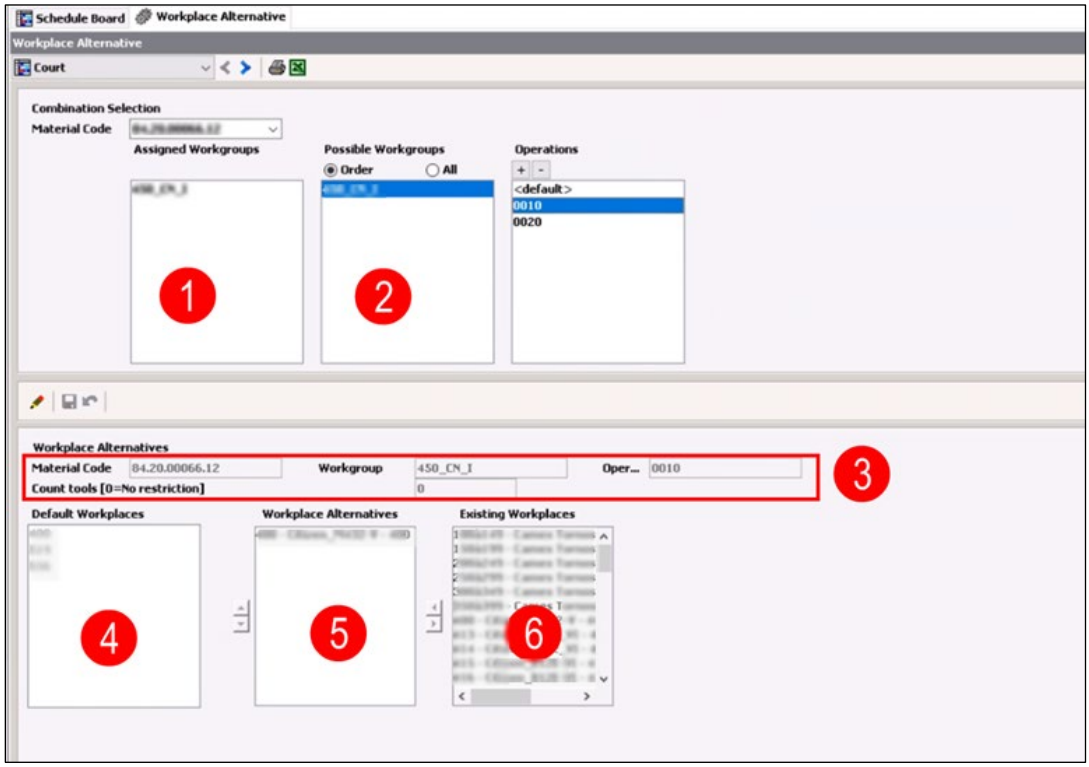
The designation of workplaces as alternative workplaces is done using the **Maintain alternative workplaces** function.

To call up the alternative workplaces window:

1 Right-click in the relevant planning area and click on **Maintain alternative workplaces** in the context menu.

➔ The display changes to the selection of alternative workplaces (see below).

The following figure shows the existing configuration page of workplaces:



(1) List of all workplaces where an alternative workplace has been defined for the selected material

(2) List of all available SAP workplaces
Order:
All possible workplace groups for the selected material
All:
All possible groups of workstations (regardless of the material)

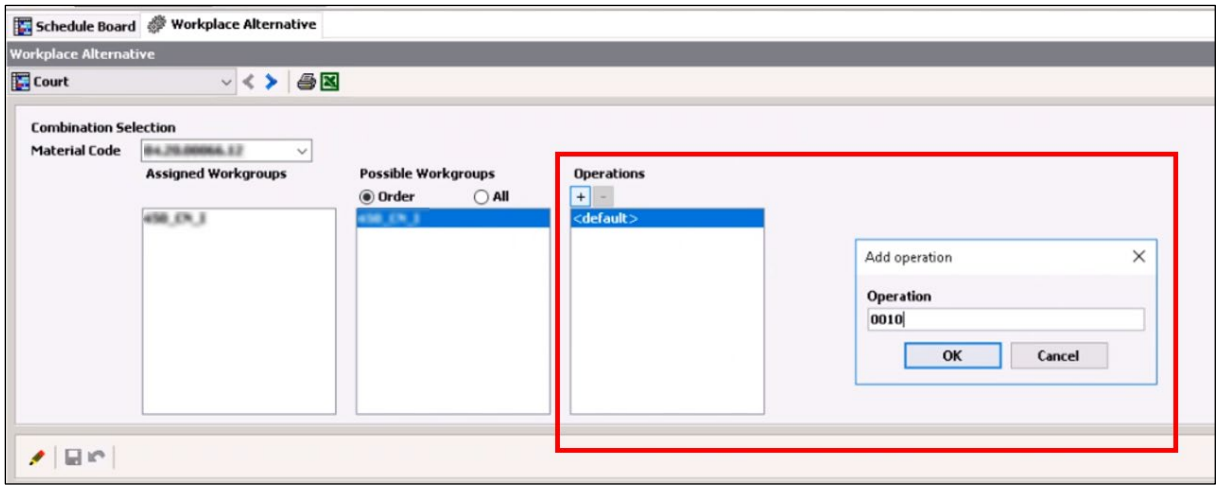
(3) Additional information about which material can be processed at which workplace group and if tools restrict scheduling

(4) List of all default workplaces that belong to the workplace group

(5) List of all alternative workplaces that were selected manually and belong to the workplace group

(6) Complete list of all available workplaces that can be designated as alternative workplaces

The function to determine an alternative workplace per operation has been added in Infor FORCAM MES release version 5.11. If two or more operations of an order have the same ERP workplace, but the alternative workplaces are different, the alternative workplaces can be determined per operation.



To select an alternative workplace per operation:

1 Select the desired material in the upper left drop-down menu at **Material number**.
The corresponding workplaces will only be displayed after the material number has been selected.

2 Select an alternative workplace on which the operation is to be carried out under **Possible SAP workplaces**.

3 Click on the add icon under **operations**.

4 In the subsequent dialog, enter the operation to be performed on the selected alternative workplace.

5 or, if necessary add another operation.

6 Select one or more alternative workplaces from the **Existing Workplaces** list in the bottom part and move to **Alternative-Workplaces** by clicking the left icon.

7 or, if necessary Select another operation and add another alternative workplace to it.

8 Save.