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Executing the Released Plan

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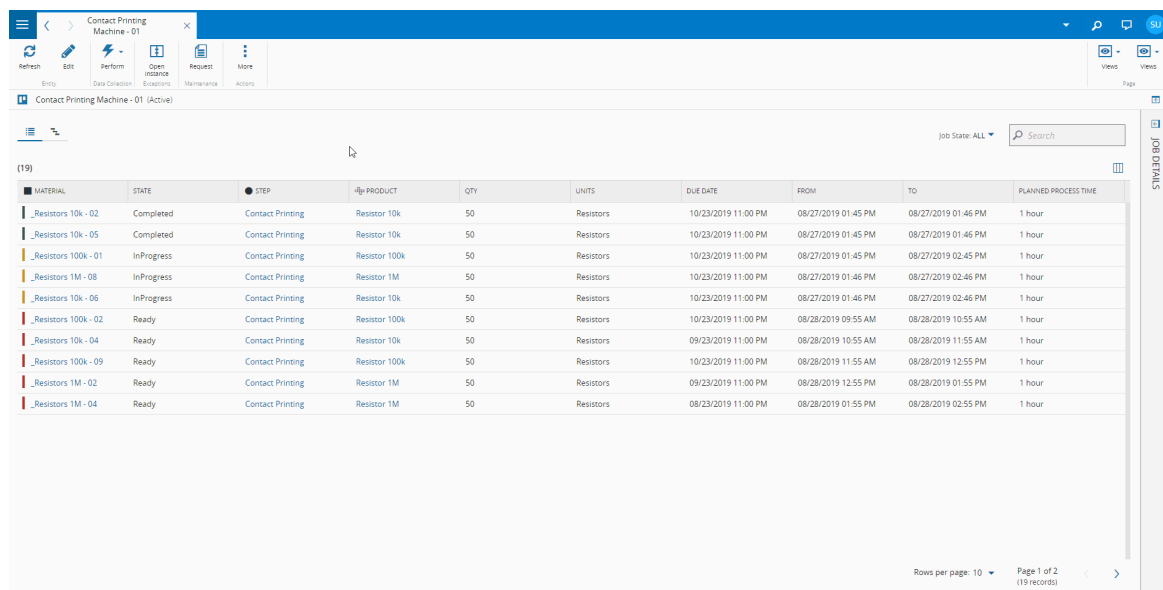
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scheduling

Executing the Released Plan

Overview

As soon as a plan is released within a Schedule, the involved Resources will receive their respective processing lists, shown in the FabExplorer. These lists can be shown either in a tabular view or in a Gantt chart.

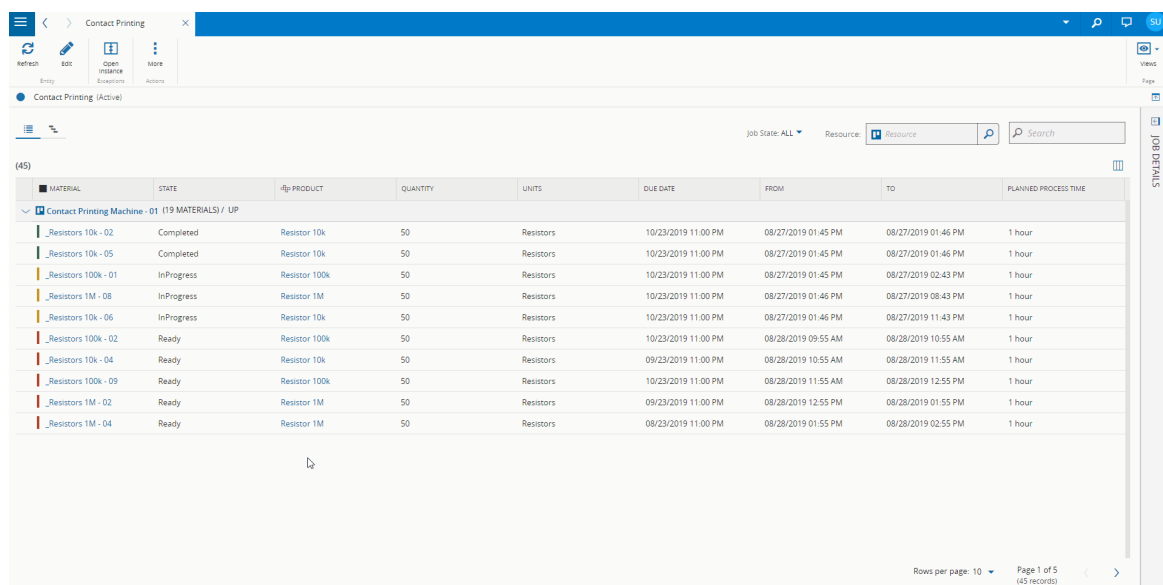


Job State: ALL

MATERIAL	STATE	STEP	PRODUCT	QTY	UNITS	DUE DATE	FROM	TO	PLANNED PROCESS TIME
Resistors 10k - 02	Completed	Contact Printing	Resistor 10k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:45 PM	08/27/2019 01:46 PM	1 hour
Resistors 10k - 05	Completed	Contact Printing	Resistor 10k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:45 PM	08/27/2019 01:46 PM	1 hour
Resistors 100k - 01	InProgress	Contact Printing	Resistor 100k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:45 PM	08/27/2019 02:45 PM	1 hour
Resistors 1M - 08	InProgress	Contact Printing	Resistor 1M	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:46 PM	08/27/2019 02:46 PM	1 hour
Resistors 10k - 06	InProgress	Contact Printing	Resistor 10k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:46 PM	08/27/2019 02:46 PM	1 hour
Resistors 100k - 02	Ready	Contact Printing	Resistor 100k	50	Resistors	10/23/2019 11:00 PM	08/28/2019 09:55 AM	08/28/2019 10:55 AM	1 hour
Resistors 10k - 04	Ready	Contact Printing	Resistor 10k	50	Resistors	09/23/2019 11:00 PM	08/28/2019 10:55 AM	08/28/2019 11:55 AM	1 hour
Resistors 100k - 09	Ready	Contact Printing	Resistor 100k	50	Resistors	10/23/2019 11:00 PM	08/28/2019 11:55 AM	08/28/2019 12:55 PM	1 hour
Resistors 1M - 02	Ready	Contact Printing	Resistor 1M	50	Resistors	09/23/2019 11:00 PM	08/28/2019 12:55 PM	08/28/2019 01:55 PM	1 hour
Resistors 1M - 04	Ready	Contact Printing	Resistor 1M	50	Resistors	08/23/2019 11:00 PM	08/28/2019 01:55 PM	08/28/2019 02:55 PM	1 hour

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Similarly, the Step View in the FabExplorer will now show the processing list for the step, either in a tabular view or in a Gantt chart.



Job State: ALL Resource: Resource

MATERIAL	STATE	PRODUCT	QUANTITY	UNITS	DUE DATE	FROM	TO	PLANNED PROCESS TIME
Contact Printing Machine - 01 (19 MATERIALS) / UP								
Resistors 10k - 02	Completed	Resistor 10k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:45 PM	08/27/2019 01:46 PM	1 hour
Resistors 10k - 05	Completed	Resistor 10k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:45 PM	08/27/2019 01:46 PM	1 hour
Resistors 100k - 01	InProgress	Resistor 100k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:45 PM	08/27/2019 02:43 PM	1 hour
Resistors 1M - 08	InProgress	Resistor 1M	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:46 PM	08/27/2019 08:43 PM	1 hour
Resistors 10k - 06	InProgress	Resistor 10k	50	Resistors	10/23/2019 11:00 PM	08/27/2019 01:46 PM	08/27/2019 11:43 PM	1 hour
Resistors 100k - 02	Ready	Resistor 100k	50	Resistors	10/23/2019 11:00 PM	08/28/2019 09:55 AM	08/28/2019 10:55 AM	1 hour
Resistors 10k - 04	Ready	Resistor 10k	50	Resistors	09/23/2019 11:00 PM	08/28/2019 10:55 AM	08/28/2019 11:55 AM	1 hour
Resistors 100k - 09	Ready	Resistor 100k	50	Resistors	10/23/2019 11:00 PM	08/28/2019 11:55 AM	08/28/2019 12:55 PM	1 hour
Resistors 1M - 02	Ready	Resistor 1M	50	Resistors	09/23/2019 11:00 PM	08/28/2019 12:55 PM	08/28/2019 01:55 PM	1 hour
Resistors 1M - 04	Ready	Resistor 1M	50	Resistors	08/23/2019 11:00 PM	08/28/2019 01:55 PM	08/28/2019 02:55 PM	1 hour

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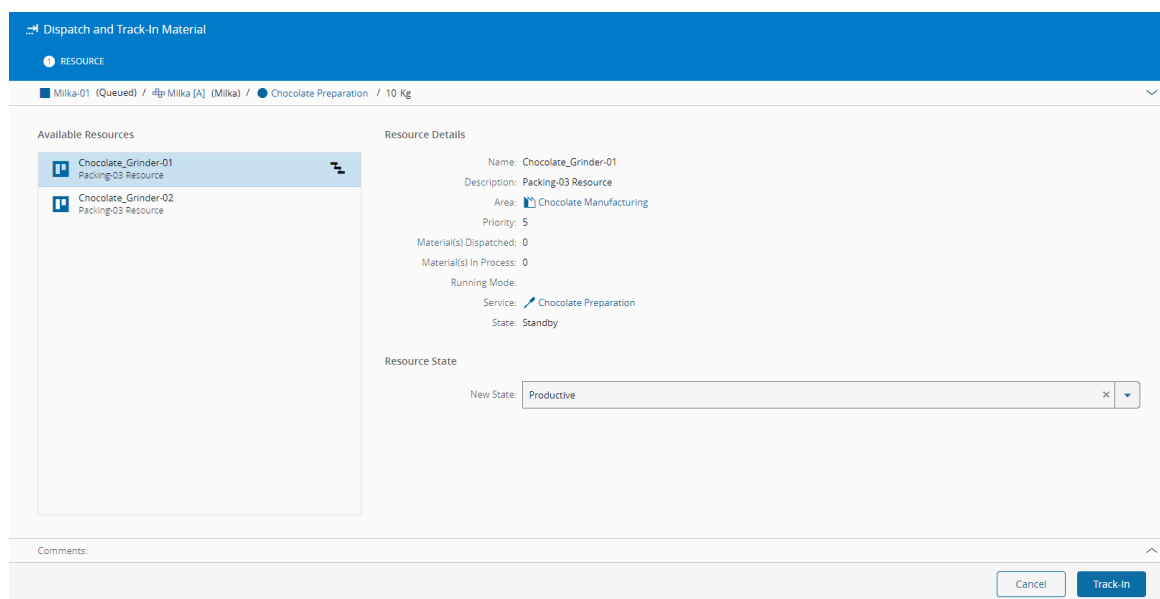
From both of these views, it is possible to perform the required operations to execute the plan

Material Management

The typical sequence for a Material at a certain Step to be processed at a specific Resource, when using dispatching (default mode) is:

- *Dispatch*
- *Track-In*
- *Track-Out*
- *Move Next*

When switching a Resource to scheduling, this sequence is not altered and dispatching takes place as usual, however the allocation of the Material to a Resource is done by the scheduling and the information that a specific Resource is assigned to a Material via Scheduling is displayed on screen. In the example below, the Chocolate_Grinder-01 Resource has a visual indicator that it has been automatically assigned via Scheduling to the production of this Material.



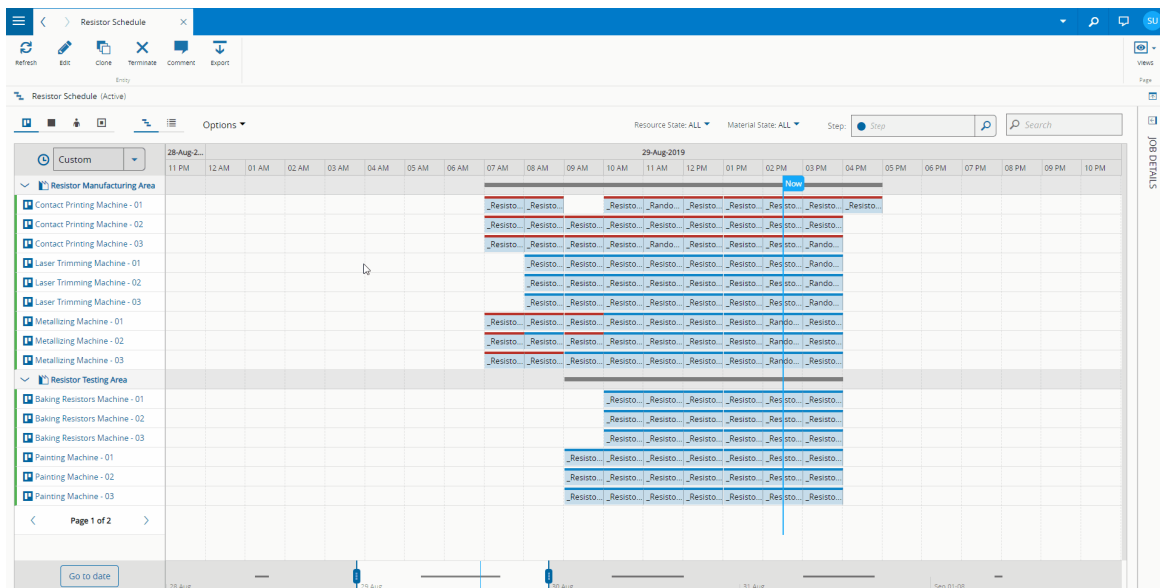
The screenshot shows the 'Dispatch and Track-In Material' interface. At the top, a blue header bar contains the title and a 'RESOURCE' tab. Below the header, a breadcrumb trail indicates the current path: 'Milk-01 (Queued) / #1p Milk [A] (Milk) / Chocolate Preparation / 10 Kg'. The main area is divided into two panels. The left panel, titled 'Available Resources', lists two resources: 'Chocolate_Grinder-01 Packing-03 Resource' and 'Chocolate_Grinder-02 Packing-03 Resource'. The right panel, titled 'Resource Details', shows information for the selected resource, 'Chocolate_Grinder-01'. This includes its name, description ('Packing-03 Resource'), area ('Chocolate Manufacturing'), priority (5), and current state ('Standby'). A 'Resource State' dropdown menu is set to 'Productive'. At the bottom right, there are 'Cancel' and 'Track In' buttons.

You can choose to override this automatic pre-selection by simply selecting another Resource for processing.

Warning

Although scheduling gives an allocation of each Job (which is not passthrough) to a Resource, you can decide to use the order of the Materials that are presented from the Sort Rule Set that defined it after releasing the Schedule Scenario or choosing whatever order you choose. If you want to change the Resource or start date for processing of a given Material and reflect those changes in the Schedule, you can do it through [Adjust Schedule Job](#) or [Adjust Schedule Scenario Job](#) if the Scenario has not been released yet.

As the various operations associated with material management are being executed, the Schedule Jobs are being updated with the most recent status of the execution of the Material. Thus, besides being possible to track the execution of the entire plan in the Schedule, it is also possible, at any moment, to generate a Schedule Scenario based on the updated status of the shop floor.



Info

To better understand the visual changes the Schedule Jobs undergo during the plan's execution, please check the [Schedule Job page](#)



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