



Send-Ahead Run

11.2

February 2026

DOCUMENT ACCESS

Public

DISCLAIMER

The contents of this document are under copyright of Critical Manufacturing S.A. It is released on condition that it shall not be copied in whole, in part or otherwise reproduced (whether by photographic, or any other method) and the contents therefore shall not be divulged to any person other than that of the addressee (save to other authorized offices of his organization having need to know such contents, for the purpose for which disclosure is made) without prior written consent of submitting company.

Send-Ahead Run

Estimated time to read: 9 minutes

A **Send-Ahead Run** represents a scenario where a given **Sub-Material** from a specific **Material** undergoes certain defined processing steps while the remaining lot becomes a Waiting Material that is held at a Wait Step.

Info

For Materials without Sub-Materials you need to Expand one or more units of that Material so you can create a Send-Ahead Run. Another alternative to create a Send-Ahead Run for Materials without Sub-Materials is to use the Send-Ahead Run Entity, and not the Material directly.

This document will guide you through the required configurations and set up for the **Send-Ahead Run** functionality.

Overview

The **Send-Ahead Run** functionality is used with **Material** for tracking, connecting, and checking purposes. This is, from a certain material group, a material or a small set of materials are sent ahead to check for equipment and process correctness, while the rest of the material group is put on hold automatically in the waiting step until the results are available. When the processing of the materials that were sent ahead is checked successfully, the rest of the material group can proceed. However, if the send-ahead material processing fails, the send-ahead materials can be sent to rework, scrapped or just stay in the step, and a new send-ahead material can be used - ignoring/clearing or not the result of the first send-ahead material.

Note

You can also define a Send-Ahead Run via [Future Actions](#) or as part of an [Experiment](#).

Setting up Send-Ahead Run

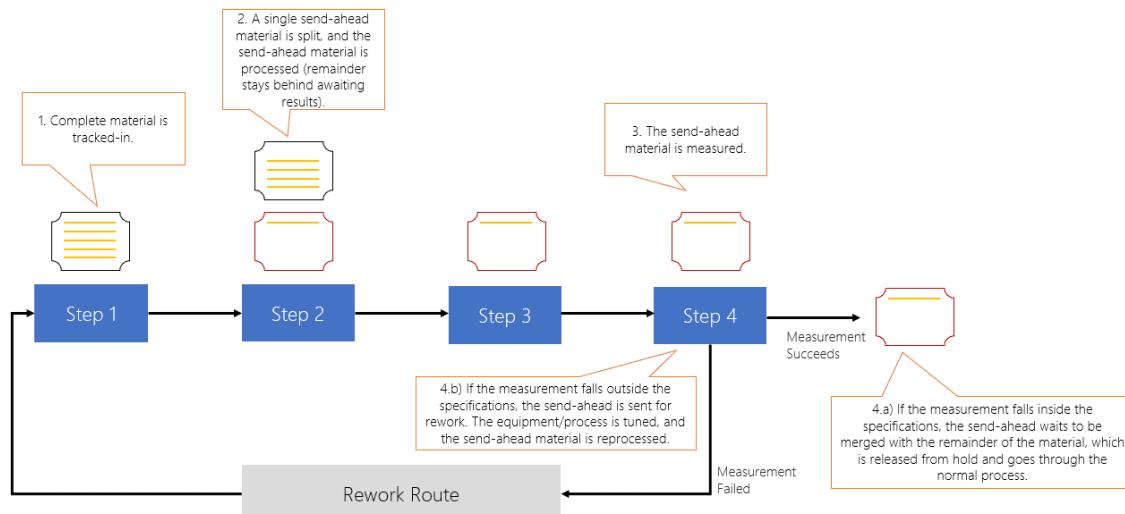
To have a functioning **Send-Ahead Run**, you have to set up other Critical Manufacturing MES entities as shown in the following table:

Step Number	Step	Description
1	Create a Flow	Create a Flow with Steps .
2	Create a Material	Create a Material .
3	Create a Reason	Create a Reason of type Hold and configure it.

Step Number	Step	Description
4	Create a Data Collection with Limit Set	Only if Results Capture Mode equals Data Collection Within Limits.
5	Create an SPC with an SPC Rule	Only if Results Capture Mode equals SPC With No Violation.
6	Link Data Collection, Data Collection Limit Set, and SPC to the Step	Only if any of the two Capture Modes above are used.

Table: Steps to set up the Send-Ahead Run-related Entities

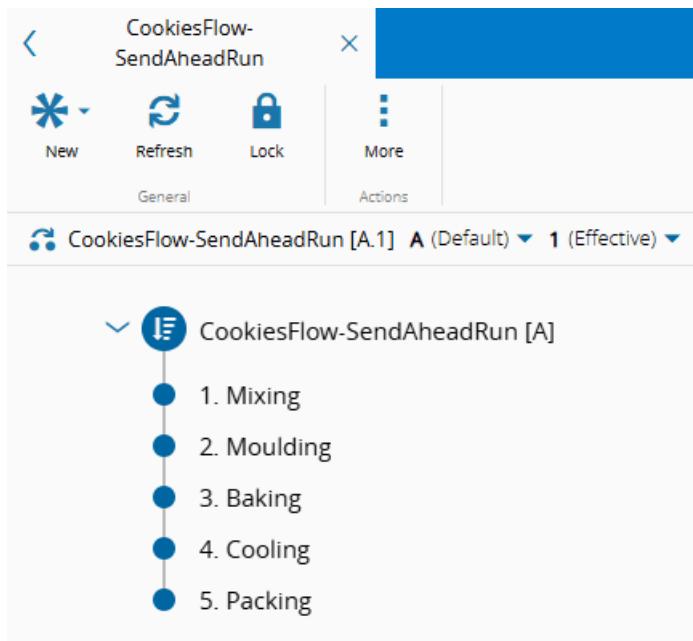
The image below provides an example of a basic **Send-Ahead Run** scenario:



The next sub-sections will cover the required configuration steps in more detail.

Step 1: Create a Flow

1. Create a **Flow** and make sure that it has **Steps**. This tutorial will use three different **Steps** for the Wait, Evaluate, and Merge steps in the **Send-Ahead Run**:



Note

It is not mandatory to have different Steps.

Step 2: Create a Material

1. Create a **Material** and make sure that it is configured to use the **Flow** you created. For this tutorial the **Material** is configured with **Sub-Materials**, one of which will be sent ahead:

The screenshot shows the 'Material' screen in the Critical Manufacturing software. The top navigation bar includes 'General', 'Reports', 'Dispatch and Track', 'Change', 'Merge', 'Split', 'Hold', 'Off-flow', 'Record Loss/Bonus', 'Storage', 'Open Instance', 'Perform', 'Request', 'Print', 'View', 'Documents', and 'Actions'. The main area is divided into sections: 'DETAILS', 'Basic Information', 'Flow and Step', 'Quantities', 'Sub-Materials', 'Resource and Container', 'Priority', 'Inspection', and 'Substrate Map'. The 'Basic Information' section shows the material name 'Cookies_SendAheadRun', description 'Cookies_SendAheadRun Material', type 'Production', and facility 'Cookie Factory'. The 'Flow and Step' section shows the flow 'CookiesFlow-SendAheadRun [A]' and step '1 Mixing'. The 'Sub-Materials' section shows 'Sub-Materials: 2' and 'Sub-Material Primary Quantity: 0 Kg'. The 'Resource and Container' section shows 'Resource: Belgas [A]' and 'Resource Bin/Position:'. The 'Priority' section shows 'Priority: 5' and 'Restrictions: No Split Or Merge Restrictions'. The 'Inspection' section shows 'Current Inspection Order: ' and 'Current Inspection Order Step: '. The right side of the screen has a sidebar with various tabs: 'DETAILS', 'SUB-MATERIALS', 'HOLDS/OFF-FLOWS', 'DEFECTS', 'TIME CONSTRAINTS', 'DEPENDENCIES', 'FUTURE ACTIONS', 'PROTOCOLS', 'EXPERIMENTS', 'TRANSFER REQUIREMENTS', 'COSTING', 'NOTIFICATIONS', 'SCHEDULING', 'MAPS', 'COLLECTED DATA', 'ATTRIBUTES', and 'ATTACHMENTS'.

Step 3: Create a Reason

1. Create a **Reason**, give it a Name, to use for configuration purposes, and select **Create**:

* Create New Reason

GENERAL DATA

General Data

Name: Waiting Qualification

Description:

Information

* Type: Hold

Category: Reason Category

Security Role:

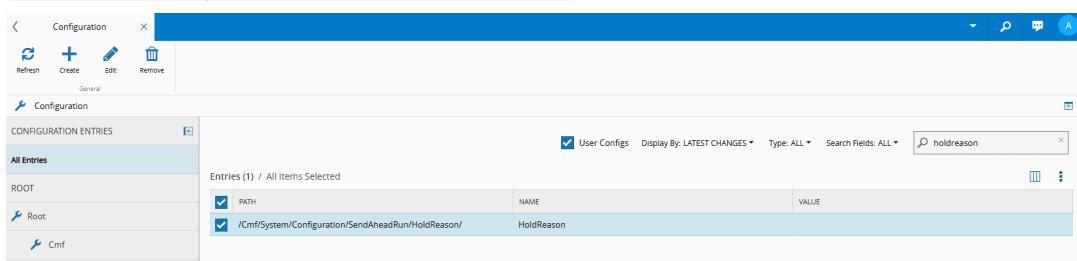
Enable Concurrent Instances:

Distribution List:

Comments:

2. Configure the **Reason** by going to **Administration** followed by **Configuration**. Find and select the following key to be able to **Edit** it:

- /Cmf/System/Configuration/SendAheadRun/HoldReason/



NAME	VALUE
/Cmf/System/Configuration/SendAheadRun/HoldReason/	HoldReason

3. Select **Edit**, complete the **Value** field with the Name of your **Reason**, and select **Save**:

Edit Configuration Entry

General Data

Path: /Cmf/System/Configuration/SendAheadRun/HoldReason/

Name: HoldReason

Type: String

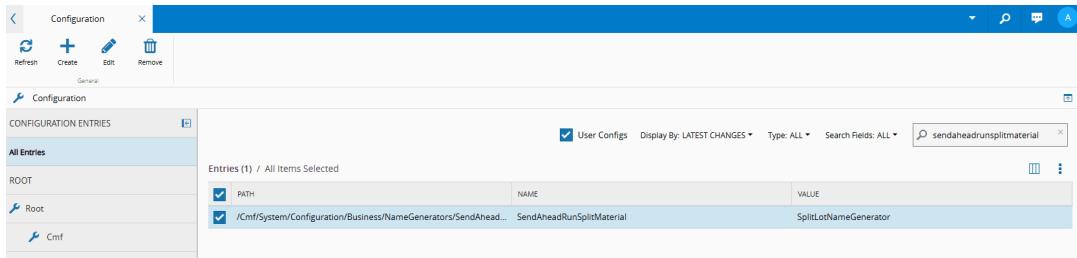
Value: Waiting Qualification

Confidential:

Comments:

4. Optionally, configure the **NameGenerator** for the **Send-Ahead Run** Split Material by going to **Administration** followed by **Configuration**. Find and select the following key to be able to **Edit** it:

- /Cmf/System/Configuration/Business/NameGenerators/SendAheadRunSplitMaterial/



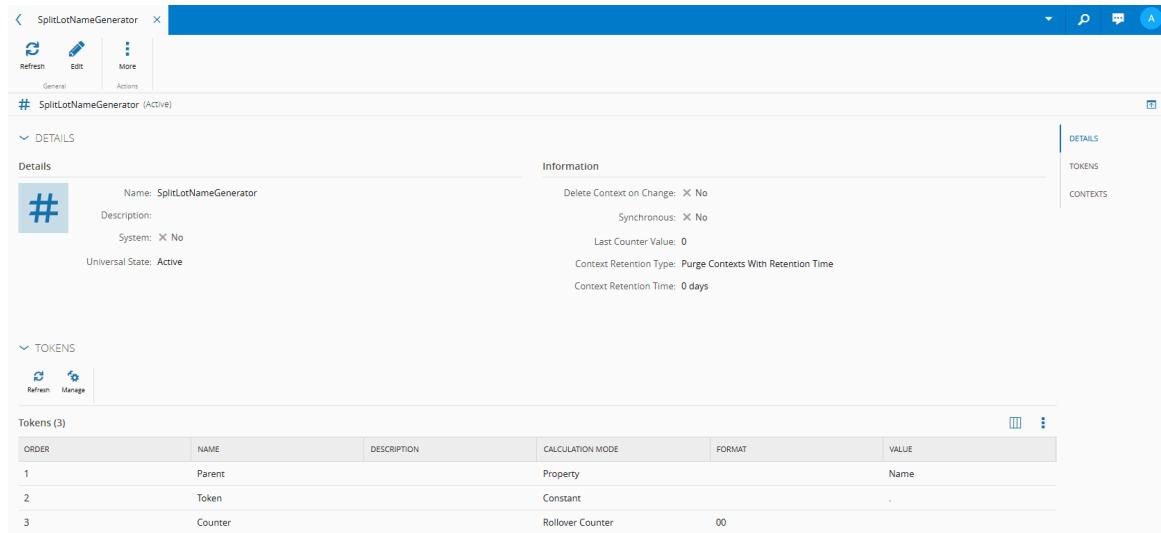
The screenshot shows the 'Configuration Entries' screen. The left sidebar shows 'All Entries' and 'Root' with 'Cmf' as a child. The main area shows a table with one entry selected:

PATH	NAME	VALUE
/CmfrSystem/Configuration/Business/NameGenerators/SendAhead...	SendAheadRunSplitMaterial	SplitLotNameGenerator

Note

You can only edit a Configuration if it is selected. For more information, see [Configuration](#).

Here is an example of the configured **Name Generator**:



The screenshot shows the configuration details for the 'SplitLotNameGenerator' name generator. The 'DETAILS' tab is selected, showing:

- Name:** SplitLotNameGenerator
- Description:** (empty)
- System:** No
- Universal State:** Active
- Information:** Delete Context on Change: No, Synchronous: No, Last Counter Value: 0, Context Retention Type: Purge Contexts With Retention Time, Context Retention Time: 0 days

The 'TOKENS' tab is selected, showing three tokens:

ORDER	NAME	DESCRIPTION	CALCULATION MODE	FORMAT	VALUE
1	Parent		Property		Name
2	Token		Constant		-
3	Counter		Rollover Counter		00

Using Send-Ahead Run

After setting up the required configurations mentioned above, you can create the **Send-Ahead Run** and use it to process your **Material**, as described in the next sections.

Create the Send-Ahead Run

You can create the **Send-Ahead Run** directly from the **Material**, **Step** or **Resource** view.

For the purpose of this tutorial, the **Send-Ahead Run** will be created from the **Step** view:

1 Item Selected

MATERIAL	QTY	UNITS	PRODUCT	FLOW	STEP	PRIORITY
AcetylsalicylicAcid	10	Kg	Acetylsalicylic Acid	CookiesFlow [A]	Mixing	5
AmmoniumPhosp	1,000	Kg	Ammonium Phos	CookiesFlow [A]	Mixing	5
CalciumCitrate-01	1,000	Kg	Calcium Citrate [A]	CookiesFlow [A]	Mixing	5
Clone 1	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Clone 2	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie01	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie02	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie03	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie04	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie05	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie06	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookie07	20	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Cookies_SendAhe	20	Kg	Belgas [A]	CookiesFlow-SendAhe	Mixing	5
Cookies_SendAhe	18	Kg	Belgas [A]	CookiesFlow [A]	Mixing	5
Flour-01	1,000	Kg	Flour [A]	CookiesFlow [A]	Mixing	5

Serial Name:

Rows per Page: 25 Page 1 of 1 (15 Records)

On selecting Create under **Send-Ahead Run**, the wizard opens:

General Data

Name:

Description:

Comments:

Cancel Back Next >

Before moving on, you could configure the **NameGenerator** for the **Send-Ahead Run** by going to **Administration** followed by **Configuration**. Find and select the following key to be able to **Edit** it:

- /Cmf/System/Configuration/Business/NameGenerators/SendAheadRun/

Configuration

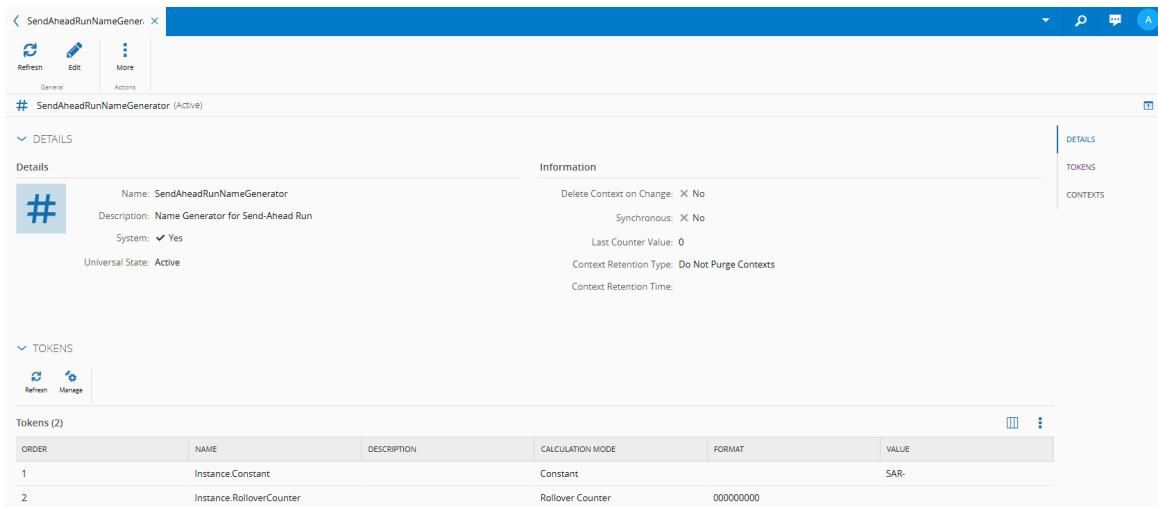
Configuration Entries

Entries (1) / All Items Selected

PATH	NAME	VALUE
/Cmf/System/Configuration/Business/NameGenerators/SendAhead...	SendAheadRun	SendAheadRunNameGenerator

Since for this tutorial the **NameGenerator** was configured, select **Next** in the **General Data** step.

Out of curiosity, this is how the **NameGenerator** for the **Send-Ahead Run** was configured:



SendAheadRunNameGenerator (Active)

DETAILS

Information

Name: SendAheadRunNameGenerator
Description: Name Generator for Send-Ahead Run
System: Yes
Universal State: Active

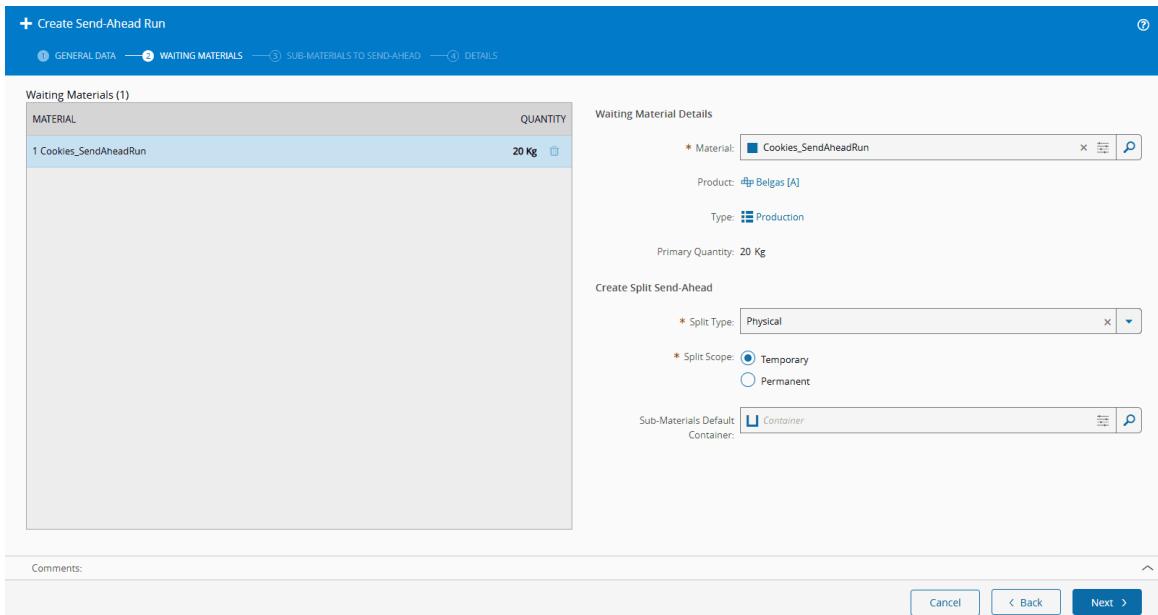
Delete Context on Change: No
Synchronous: No
Last Counter Value: 0
Context Retention Type: Do Not Purge Contexts
Context Retention Time:

TOKENS

Tokens (2)

ORDER	NAME	DESCRIPTION	CALCULATION MODE	FORMAT	VALUE
1	Instance.Constant		Constant	SAR-	
2	Instance.RolloverCounter		Rollover Counter	00000000	

In the **Waiting Materials** step, select **Physical** for the Split Type and **Temporary** for the Split Scope:



Waiting Materials (1)

MATERIAL	QUANTITY
1 Cookies_SendAheadRun	20 Kg

Waiting Material Details

* Material: Cookies_SendAheadRun
Product: Belgas [A]
Type: Production
Primary Quantity: 20 Kg

Create Split Send-Ahead

* Split Type: Physical
* Split Scope: Temporary Permanent
Sub-Materials Default: Container

Comments:
Cancel Back Next >

Select **Next** to move to the **Sub-Materials to Send-Ahead** step, and select the desired **Sub-Material**, followed by **Next**:

+ Create Send-Ahead Run

① GENERAL DATA — ② WAITING MATERIALS — ③ SUB-MATERIALS TO SEND-AHEAD — ④ DETAILS

Select Sub-Materials for Each Split Material / 1 item selected

MATERIAL	QUANTITY	SUB-MATERIALS
1 Cookies_SendAheadRun (Split)	20 Kg >	<input checked="" type="checkbox"/> SAR-SubMaterial-01 Cookies_SendAheadRun Material <input type="checkbox"/> SAR-SubMaterial-02 Cookies_SendAheadRun Material

Sub-Material Details

Material: SAR-SubMaterial-01
 Product:
 Type:

Comments:

For the **Details** step be sure to complete the following:

- Wait Step - where the main **Material** will be put on hold, and hold reason is assigned. For more information, see [Manage Reasons](#).
- Evaluate Step - where you will evaluate the **Material** that was sent ahead.
- Merge Step - where the main **Material** and the **Material** that was sent ahead will merge, and only if the Split Scope is different from `Permanent`.
- Results Capture Mode - when results are recorded. For more information on the available options, see [Create Send-Ahead Run](#).

+ Create Send-Ahead Run

① GENERAL DATA — ② WAITING MATERIALS — ③ SUB-MATERIALS TO SEND-AHEAD — ④ DETAILS

Start Flow and Step Details

Flow: CookiesFlow-SendAheadRun [A]
 Step: Mixing
 Flow Path: CookiesFlow-SendAheadRun [A] > Mixing

Additional Information

Selection Mode:	Step
* Wait Step:	Mixing
* Evaluate Step:	Moulding
* Merge Step:	Baking

Result Options

* Results Capture Mode:	Manual At Track Out
-------------------------	---------------------

Auto Release on Pass:

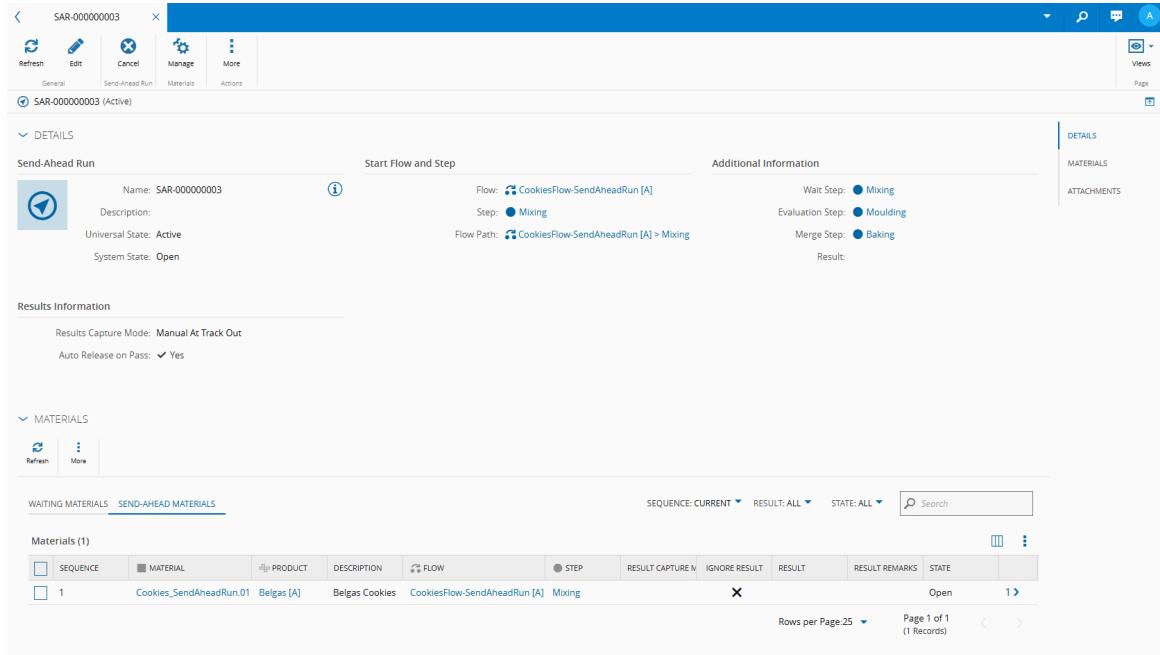
Comments:

Info

The default of the Results Capture Mode is Manual. For this tutorial it is Manual at Track-Out so you can see how it works.

The default of the Auto Release on Pass is `true`. For this tutorial it is `false` so you can see the manual release workflow.

When created, the **Send-Ahead Run** page contains all your configurations including details on the **Send-Ahead Materials**:



The screenshot shows the 'Send-Ahead Run' configuration page. The top navigation bar includes 'General', 'Send-Ahead Run', 'Materials', and 'Actions'. The main content area is divided into sections: 'Send-Ahead Run' (Name: SAR-000000003, Active), 'Start Flow and Step' (Flow: CookiesFlow-SendAheadRun [A], Step: Mixing, Evaluation Step: Mixing, Flow Path: CookiesFlow-SendAheadRun [A] > Mixing, Wait Step: Mixing, Merge Step: Baking), 'Additional Information' (Result:), and 'Results Information' (Results Capture Mode: Manual At Track Out, Auto Release on Pass: Yes). The 'MATERIALS' section shows a table with one row: Sequence 1, Material Belgas [A], Product Belgas Cookies, Flow CookiesFlow-SendAheadRun [A], Step Mixing, Result Remarks Open, and State 1. The table has columns for Sequence, Material, Product, Description, Flow, Step, Result Capture, Ignore Result, Result, Result Remarks, and State.

For more information, see [Cancel Send-Ahead Run](#), [Change Send-Ahead Run Materials](#), [Manage Send-Ahead Run Materials](#), [Clear Send-Ahead Run Result](#), and [Ignore Send-Ahead Run Result](#).

Moreover, notice how, as defined in the Wait Step of the **Send-Ahead Run**, the main **Material** is on hold at the **Mixing** step:

Material

Basic Information

- Name: Cookies_SendAheadRun
- Description: Cookies_SendAheadRun Material
- Type: Production
- Universal State: Active
- System State: Queued
- Form: Lot
- Facility: Cookie Factory
- Product: Belgas [A]
- Product Description: Belgas Cookies
- Product Group:
- Product Group Description:
- Parent:
- Approved: ✓ Yes
- Capacity Class:
- Current Send-Ahead Run:

Quantities

- Primary Quantity: 20 Kg
- Secondary Quantity:
- Target Quantity:
- Sub-Materials: 1
- Sub-Material Primary Quantity: 0 Kg
- Sub-Material Secondary Quantity:

Flow and Step

- Flow: CookiesFlow-SendAheadRun [A]
- Step: Mixing
- Flow Path: CookiesFlow-SendAheadRun [A] > Mixing

Resource and Container

- Resource:
- Resource Bin/Position:
- Resource Area:
- Container:
- Container Position:

Priority

- Priority: 5
- Restrictions: No Split Or Merge Restrictions

Inspection

- Current Inspection Order:
- Current Inspection Order Step:

Substrate Map

- Substrate Map:
- Units:

DETAILS

- SUB-MATERIALS
- HOLDS/OFF-FLOWS
- DEFECTS
- TIME CONSTRAINTS
- DEPENDENCIES
- FUTURE ACTIONS
- PROTOCOLS
- EXPERIMENTS
- TRANSFER REQUIREMENTS
- COSTING
- NOTIFICATIONS
- SCHEDULING
- MAPS
- COLLECTED DATA
- ATTRIBUTES
- ATTACHMENTS

Process the Material

1. From the Material to be sent ahead, select Dispatch and Track-In.

Material

Basic Information

- Name: Cookies_SendAheadRun.01
- Description: Cookies_SendAheadRun Material
- Type: Production
- Universal State: Active
- System State: Queued
- Form: Lot
- Facility: Cookie Factory
- Product: Belgas [A]
- Product Description: Belgas Cookies
- Product Group:
- Product Group Description:
- Parent:
- Approved: ✓ Yes
- Capacity Class:
- Current Send-Ahead Run: SAR-000000003

Quantities

- Primary Quantity: 0 Kg
- Secondary Quantity:
- Target Quantity:
- Sub-Materials: 1
- Sub-Material Primary Quantity: 0 Kg
- Sub-Material Secondary Quantity:

Flow and Step

- Flow: CookiesFlow-SendAheadRun [A]
- Step: Mixing
- Flow Path: CookiesFlow-SendAheadRun [A] > Mixing

Resource and Container

- Resource:
- Resource Bin/Position:
- Resource Area:
- Container:
- Container Position:

Priority

- Priority: 5
- Restrictions: No Split Or Merge Restrictions

Inspection

- Current Inspection Order:
- Current Inspection Order Step:

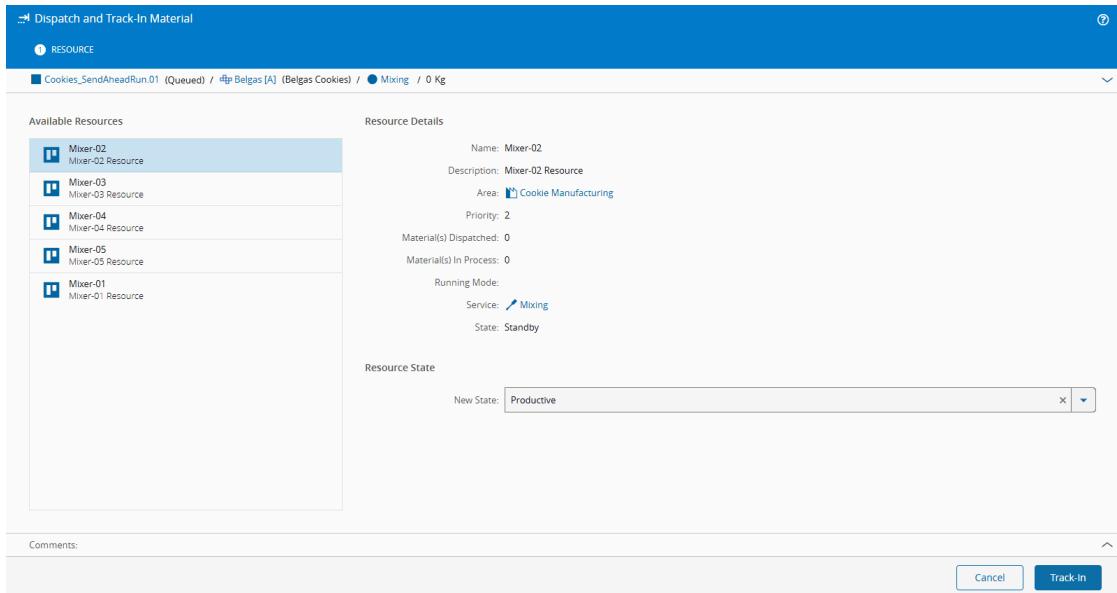
Substrate Map

- Substrate Map:
- Units:

DETAILS

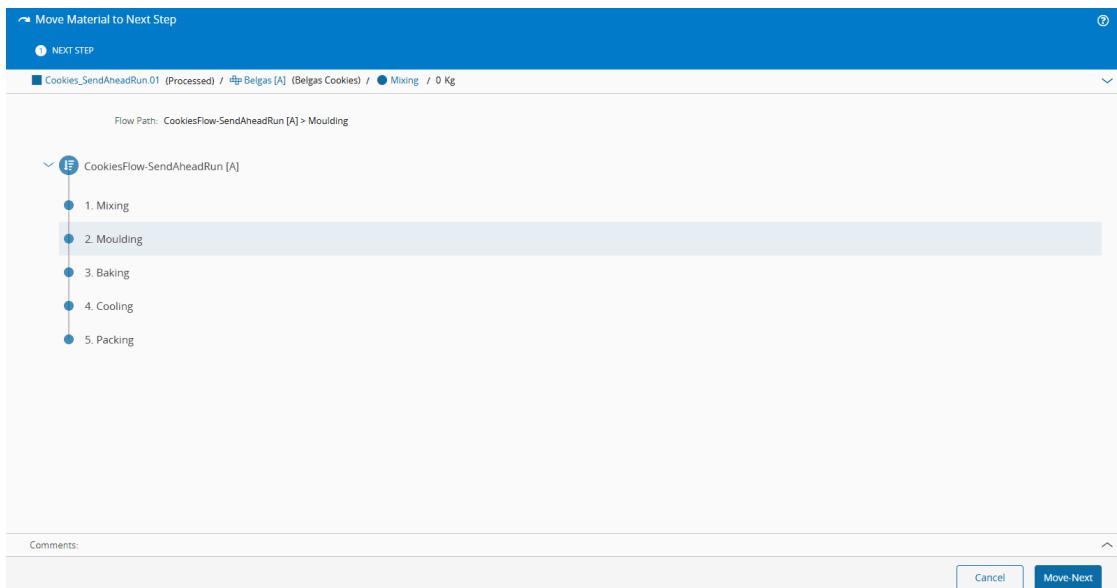
- SUB-MATERIALS
- HOLDS/OFF-FLOWS
- DEFECTS
- TIME CONSTRAINTS
- DEPENDENCIES
- FUTURE ACTIONS
- PROTOCOLS
- EXPERIMENTS
- TRANSFER REQUIREMENTS
- COSTING
- NOTIFICATIONS
- SCHEDULING
- MAPS
- COLLECTED DATA
- ATTRIBUTES
- ATTACHMENTS

2. Select an available resource and Track-In:



The screenshot shows the 'Dispatch and Track-In Material' interface. On the left, a list of 'Available Resources' includes Mixer-02, Mixer-03, Mixer-04, Mixer-05, and Mixer-01. On the right, 'Resource Details' for Mixer-02 are displayed, including Name: Mixer-02, Description: Mixer-02 Resource, Area: Cookie Manufacturing, Priority: 2, Material(s) Dispatched: 0, Material(s) In Process: 0, Running Mode: , Service: Mixing, and State: Standby. Below this is a 'Resource State' section with a dropdown for 'New State' set to 'Productive'. At the bottom are 'Comments:' and 'Track-In' buttons.

3. Select **Track-Out** and perform the necessary steps in the **Track-Out Material** wizard to **Track-Out**.
4. Select **Move-Next** on the top ribbon, and then again in the **Move Material to Next Step** wizard to move the **Material** to the **Evaluate Step**. In this case, Moulding:



The screenshot shows the 'Move Material to Next Step' interface. It displays a 'Flow Path: CookiesFlow-SendAheadRun [A] > Moulding' with steps: 1. Mixing, 2. Moulding, 3. Baking, 4. Cooling, and 5. Packing. At the bottom are 'Comments:', 'Cancel', and 'Move-Next' buttons.

5. The **Material** is now in Moulding, the configured **Evaluate Step**, and you need to repeat the **Dispatch and Track-In** and **Track-Out** process.
6. Since you selected **Manual** at **Track-Out** as the **Results Capture Mode**, the last step of the **Track-Out Material** wizard is when you manually record the **Send-Ahead Run Materials Result**. The available options are **Pass** or **Fail**, and you can include **Remarks**:

The screenshot shows the 'Track-Out Material' screen. At the top, there are three buttons: 'RESOURCE STATE', 'RECORD LOSS/BONUS', and 'RECORD SEND-AHEAD RUN RESULTS'. Below this, a breadcrumb navigation shows 'Cookies_SendAheadRun.01 (InProcess) / Belgas [A] (Belgas Cookies) / Moulding / 0 Kg / 0 Cookies'. The main area is titled 'Send-Ahead Run Materials (1)' and shows a table with one item: 'Cookies_SendAheadRun.01' under 'ITEM' and 'Pass' under 'RESULT'. To the right, a 'Send-Ahead Run Materials Result' section shows a green checkmark in a box labeled 'Pass' and a red 'X' in a box labeled 'Fail'. Below this, a 'Remarks' field contains the text 'Material is as specified. Approved'. At the bottom, there are 'Comments:' and 'Track-Out' buttons.

7. Select **Track-Out** and your **Material** is tracked out successfully.

8. Return to the **Send-Ahead Run** and select **Release** on the top ribbon:

The screenshot shows the 'Send-Ahead Run' screen with the ribbon tabs 'General', 'Send-Ahead Run', and 'Actions'. The 'Send-Ahead Run' tab is selected. The main area shows a 'Send-Ahead Run' card with details: Name: SAR-000000003, Description: (empty), Universal State: Active, System State: Open. To the right, there are sections for 'Start Flow and Step' (Flow: CookiesFlow-SendAheadRun [A], Step: Mixing, Flow Path: CookiesFlow-SendAheadRun [A] > Mixing) and 'Additional Information' (Wait Step: Mixing, Evaluation Step: Moulding, Merge Step: Baking, Result: Pass). On the right side, there are tabs for 'DETAILS', 'MATERIALS', and 'ATTACHMENTS'. Below the card, the 'RESULTS INFORMATION' section shows 'RESULTS CAPTURE MODE: Manual At Track Out' and 'Auto Release on Pass: X No'. The 'MATERIALS' section shows a table with one row: Sequence: 1, Material: Cookies_SendAheadRun.01, Product: Belgas Cookies, Description: CookiesFlow-SendAheadRun [A] > Moulding, Result Capture Mode: Manual At Track Out, Result: Pass, Result Remarks: Closed, State: 1. The table has columns: SEQUENCE, MATERIAL, PRODUCT, DESCRIPTION, FLOW, STEP, RESULT CAPTURE MODE, IGNORE RESULT, RESULT, RESULT REMARKS, STATE.

Note

A Material can be released directly in the Material entity, Resource View or Step View.

Information regarding the Send-Ahead Materials is updated.

This operation is not needed if the Auto Release on Pass is set to `true` when creating the Send-Ahead Run.

And again in the **Release Waiting Material** wizard:

Release Waiting Materials

SAR-000000003 (Open)

All waiting materials will be released.

Materials (1)

MATERIAL	PRODUCT	DESCRIPTION	FLOW	STEP
Cookies_SendAheadRun	Belgas [A]	Belgas Cookies	CookiesFlow-SendAheadRun [A]	Mixing

Rows per Page: 25 Page 1 of 1 (1 Records)

Comments:

Cancel Release

9. Now you need to perform **Dispatch and Track-In, Track-Out, and Move-Next** to your main **Material** (no longer on hold) until it reaches the **Merge Step** (Baking), at which point it will be waiting for merge:

Waiting for 1 Material(s) to proceed with the merge:
Cookies_SendAheadRun.01

General View Reports Material Storage Exceptions Data Collection Material Transfer Printing Documents Actions

Cookie Cookies_SendAheadRun (Active) 81

DETAILS

Material

Name: Cookies_SendAheadRun	Form: Lot	Flow: CookiesFlow-SendAheadRun [A]
Description: Cookies_SendAheadRun Material	Facility: Cookie Factory	Step: Baking
Type: Production	Product: Belgas [A]	Flow Path: CookiesFlow-SendAheadRun [A] > Baking
Universal State: Active	Product Description: Belgas Cookies	
System State: Queued	Product Group:	
	Product Group Description:	
	Parent:	
	Approved: Yes	
	Capacity Class:	
	Current Send-Ahead Run:	

Quantities

Primary Quantity: 4,000 Cookies	Sub-Materials	Resource and Container
Secondary Quantity:	Sub-Material Primary Quantity: 0 Cookies	Resource:
Target Quantity:	Sub-Material Secondary Quantity:	Resource Bin/Position:

Priority

Priority: 5	Inspection	Substrate Map
Restrictions: No Split Or Merge Restrictions	Current Inspection Order:	Substrate Map:
	Current Inspection Order Step:	Units:

DETAILS

- SUB-MATERIALS
- HOLDS/OFF-FLOWS
- DEFECTS
- TIME CONSTRAINTS
- DEPENDENCIES
- FUTURE ACTIONS
- PROTOCOLS
- EXPERIMENTS
- TRANSFER REQUIREMENTS
- COSTING
- NOTIFICATIONS
- SCHEDULING
- MAPS
- COLLECTED DATA
- ATTRIBUTES
- ATTACHMENTS

10. Go to the **Material** that was sent ahead, **Move-Next** and the **Materials** will be merged:

Move Material to Next Step

RESULTS

Cookies_SendAheadRun.01 (Processed) / dlp Belgas [A] (Belgas Cookies) / Moulding / 0 Kg / 0 Cookies

Material(s) was/were moved to next Step successfully.
Material(s) was/were merged successfully.

Materials merged to main material:
Cookies_SendAheadRun.01

Main material:
Cookies_SendAheadRun

Cookies_SendAheadRun.01 data changed:
Step: Baking
PrimaryUnits: Cookies
Secondary units are no longer tracked in the new Step.
MaterialSystemState: Queued

Close

11. The **Sub-Material** that was used for the **Send-Ahead Run** process has returned to the main **Material**:

Cookies_SendAheadRun

General Actions

Sub-Materials

Sub-Materials (2)

MATERIAL	FORM	TYPE	PRODUCT	PRODUCT DESCRIPTIVE	FLOW	STEP	PRIMARY QTY	PRIMARY UNITS	CONTAINER	CONTAINER POSITION	STATE
SAR-SubMaterial-0	Cookie	Production	Belgas [A]	Belgas Cookies	CookiesFlow-Send	Baking	0	Cookies			Queued
SAR-SubMaterial-0	Cookie	Production	Belgas [A]	Belgas Cookies	CookiesFlow-Send	Baking	0	Cookies			Queued

Rows per Page: 25 Page 1 of 1 (2 Records)

12. The **Send-Ahead Run** is Terminated and Closed:

SAR-000000003

General Actions

SAR-000000003 (Terminated)

DETAILS

Send-Ahead Run

Name: SAR-000000003

Description:

Universal State: Terminated

System State: Closed

Start Flow and Step

Flow: CookiesFlow-SendAheadRun [A]

Step: Mixing

Flow Path: CookiesFlow-SendAheadRun [A] > Mixing

Additional Information

Wait Step: Mixing

Evaluation Step: Moulding

Merge Step: Baking

Result: Pass

Results Information

Results Capture Mode: Manual At Track Out

Auto Release on Pass: No

Info

When the result of the Send-Ahead Run is a **Pass**, you can Extend Send-Ahead Run. For more information, see [Extend Send-Ahead Run](#).



Legal Information

Disclaimer

The information contained in this document represents the current view of Critical Manufacturing on the issues discussed as of the date of publication. Because Critical Manufacturing must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Critical Manufacturing, and Critical Manufacturing cannot guarantee the accuracy of any information presented after the date of publication. This document is for informational purposes only.

Critical Manufacturing makes no warranties, express, implied or statutory, as to the information herein contained.

Confidentiality Notice

All materials and information included herein are being provided by Critical Manufacturing to its Customer solely for Customer internal use for its business purposes. Critical Manufacturing retains all rights, titles, interests in and copyrights to the materials and information herein. The materials and information contained herein constitute confidential information of Critical Manufacturing and the Customer must not disclose or transfer by any means any of these materials or information, whether total or partial, to any third party without the prior explicit consent by Critical Manufacturing.

Copyright Information

All title and copyrights in and to the Software (including but not limited to any source code, binaries, designs, specifications, models, documents, layouts, images, photographs, animations, video, audio, music, text incorporated into the Software), the accompanying printed materials, and any copies of the Software, and any trademarks or service marks of Critical Manufacturing are owned by Critical Manufacturing unless explicitly stated otherwise. All title and intellectual property rights in and to the content that may be accessed through use of the Software is the property of the respective content owner and is protected by applicable copyright or other intellectual property laws and treaties.

Trademark Information

Critical Manufacturing is a registered trademark of Critical Manufacturing.

All other trademarks are property of their respective owners.