Tutorial: Auto Terminate and Ship on Last Step

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Tutorial: Auto Terminate and Ship on Last Step

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Estimated time to read: 2 minutes

Objective

Learn how to configure and execute the **Auto Terminate and Ship on Last Step** feature to automatically complete and ship materials at the end of a production flow.

Step 1: Enable System Configuration

- Navigate to the system configuration and locate the following configuration key:
  - `/SMT/MaterialTracking/AutoTerminateAndShipOnLastStep`
- Set the value to:
  - **True**

This enables the feature globally.

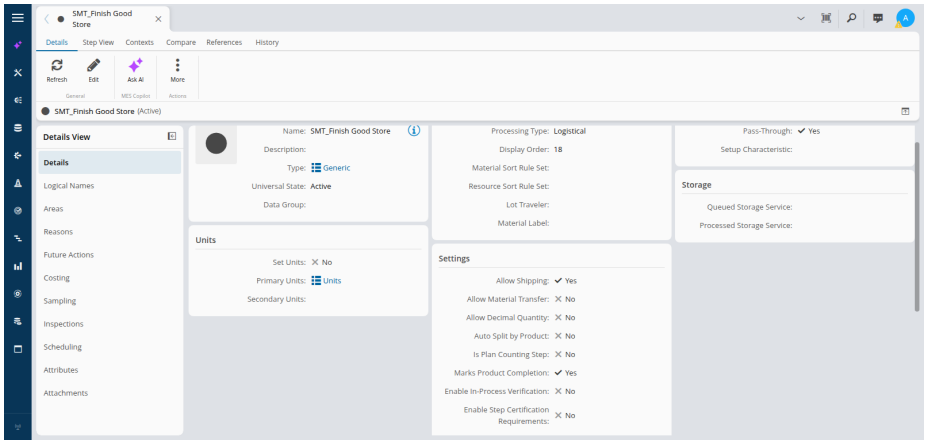
Step 2: Configure the Shipping Facility

- Navigate to **Facility**.
- Select the facility intended to receive completed materials.
- Enable the property:
  - **TerminateOnShip**

> Note: If multiple facilities have this property enabled, the system will use the first one available.

Step 3: Configure the Final Flow Step

- Open the relevant **Flow**.
- Identify the **last Step** in the Flow Path.
- Enable the following properties:
  - **Allow Shipping**
  - **Marks Product Completion**



This ensures the step is recognized as the final production and shipping trigger point.

Step 4: Create and Process Material

- Create a **Material** associated with:
  - A **Production Order**
  - A valid **Flow Path**
- Move the material through the flow steps sequentially.

Step 5: Trigger Automatic Termination and Shipping

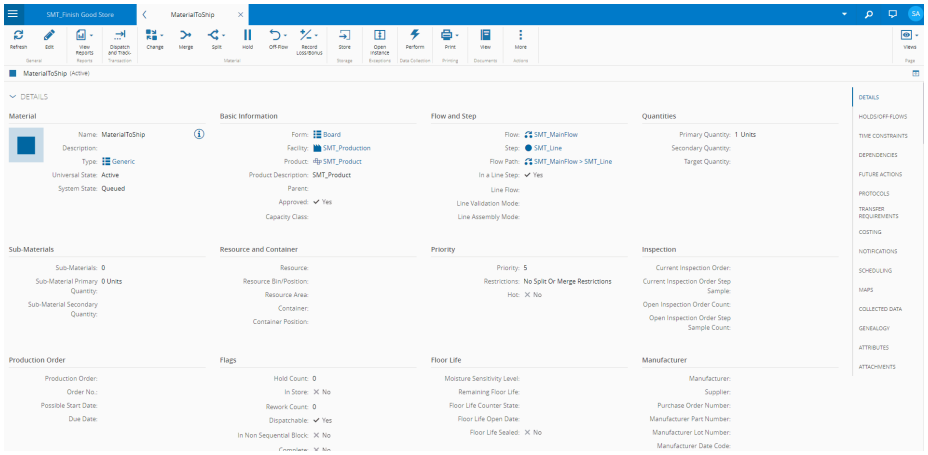
- Move the material into the **last step** of the flow.
- Observe the system behavior:
  - The material is automatically **completed**
  - The material is automatically **shipped**

- The destination is the configured **TerminateOnShip Facility**

Expected Result

After reaching the final step:

- No manual shipping action is required
- The material is automatically:
  - Completed
  - Shipped to the correct facility



Frequent Configuration Questions

Why is the feature not being triggered?

Verify that:

- The configuration is enabled.
- The step properties are correctly configured.

Why is the material not being shipped?

Ensure that at least one Facility has **TerminateOnShip** enabled.

Why are errors occurring when processing multiple materials?

Ensure that all materials share the same:

- Production Order
- Flow Path

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