7.2. Forecast Approval System

1/3

Streamline has a forecast approval system that helps you to set which forecasts have been reviewed and approved, and which need further attention. The approval system allows users to authorize or place emphasis on generated forecasts.

You can assign one of three statuses to any node of the tree in the **Tree view**. They are:

- Approved status.
- Needs attention status.
- Undecided status.

Any nonleaf node of the tree has an additional **Blank** status. This status is set by default (see figure below).

Forecasting	Model	Invent	ory	KPIs					
Forecast approach				Inherit (Bottom-up) 🔹					
Zeros are lost sales				Inherit (No) 🔹					
Ignore data before				Inherit (Jan 2016) 🔹					
		\checkmark	Use	ignored o	data for sea	sonality			
Model Inherit (Automatic selection)						•			
Use model from						~			
Multiplier			1.000						
Seasonality weighting of prior years			Inhe	rit	• 0.60	*			
Holidays			Inherit (None) 🔻						
Bill of materials use			Inherit (Manufacture) 🔹						
Approval status						•			
Blank status									
			Undecided						
			Approved (F5)						
			A Needs attention (F6)						

It means that there can be any mixed approval statuses under the selected node. It is used when you need to leave all the descendent nodes' statuses as they are.

Approved Status

Approved status is typically set when the forecast for an item looks good.

To set the **Approved** status to an item:

- 1. Select the item in the **Tree View**.
- 2. Click on the **Approve/Unapprove** button or set the item approval status to **Approved** in the **Forecasting** tab (see figure below).

Forecasting	Model	Invent	ory	KPIs				
Forecast approach				Inherit (Bottom-up) 🔹				
Zeros are lost sales				Inherit (No) 🔹				
Ignore data before				Inherit (Jan 2016) 🔹				
		/ Use	Use ignored data for seasonality					
Model Inherit (Automatic selection)								
Use model from			~					
Multiplier			1.000					
Seasonality weighting of prior years			Inhe	rit	▼ 0.60	*		
Holidays			Inherit (None) 🔹					
Bill of materials use			Inherit (Manufacture) 🔹					
Approval status			✓ Approved (F5)					
		Undecided						
			Approved (F5)					
			A Needs attention (F6)					

All of the **Forecasting** settings can be applied at every level of the tree. A green checkmark in the **Tree view** indicates that the **Approved** status has been applied (see figure below).

Besides the visual indication in the **Tree view**, the **Approved** status for a node also means that:

- The forecasting model is locked. That is, the forecasts will not be changed even if you pause&unpause auto-forecasting.
- All the forecasting settings for the node are locked. That is, inherited forecasting options from parent nodes will not be applied to this node.

The described locking mechanism is designed to freeze the state of the final demand forecast for the time while different company's departments (sales, financial, marketing, etc.) are approving them.

Needs Attention Status

If you are not sure which forecast correction to make currently (whether it is changing the model type or any other) and have decided to make the correction later, you can set the approval status to **Needs attention** as a reminder. Then an attention icon is added to the node and all the nodes above

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it to easily spot these items if the tree is collapsed (see figure below).



This status makes only a visual effect in the **Tree view**, it does not put any restricts or locks on the forecasting models.

Undecided Status

Undecided status is the default status for leaf nodes of the tree. This status is typically used to:

- unapprove the forecast of the selected node at the leaf level (alternatively, you can use the **Approve/Unapprove** button of the toolbar);
- drop the approval status of the selected node (nonleaf level) and all the descendants to the defaults.

Next: Safety Stock Calculation

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