

Software that brings together the ideas and techniques of **TameFlow Kanban** and **TameFlow Scrum, Agile/Scrum, Critical Chain Project management, TOC** and **LEAN** in one integrated solution

# CAUSE OF DELAY

LYNX TameFlow – Continuous Improvement



# Topics

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- ▣ Configuration
  - ▣ Add Unit-of-Measure with delay causes
  - ▣ Activate Cause of Delay in Card-Properties, including Buffer Consumption Treshold
  - ▣ Identify Status(es) that trigger Cause-of-Delay input
- ▣ Process:
  - ▣ Triggered based on CoD Treshold and Status

*Note: Cause of Delay workflow is only triggered when “Card Buffer Management” is enabled and implemented*



# 1. Add CoD Unit of Measure

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The screenshot shows a software application window titled "Unit of measure". The main area displays a table of units with the following data:

ID	Description	Symbol	Data type
6008	Cause of Delay		String
3971	Comment		String
3976	Due Date		DateTime
3970	Estimate	h	Timespan
3973	Ettc	h	Timespan
3975	Org_Est	h	Timespan
3969	Status		String
3974	Story Points	pt	Double
3979	Time Spent		Timespan
3972	User		System user

The "Cause of Delay" row (ID 6008) is highlighted with a green dashed box. To the right of the table, there are configuration options under the "General" section:

- Standard
- Picklist
- Value is used to enter durations
- Value holds financial data

Below these options is a list of values for the picklist:

- Requirements not clear
- Customer Input
- Supplier Input
- Quality Issue
- Other

At the bottom, there is a checked checkbox for "Multi select".

# 2. Configure Card

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Card properties

Card types

+ ×

Type

- Feature S
- Feature M
- Feature L
- User Story
- Subtask1
- Subtask2
- Subtask3

General Properties Structure Burn down rate Monitoring Buffer management Cause of delay

### Cause of delay

Captures 'cause of delays' when cards are completed late. A popup will be shown when cards are closed and buffer consumption exceeds the set value.

Property holding 'cause of delay' Cause of Delay

Buffer consumption threshold (%) 100

# 3. Configure Board

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Kanbanboard setup

Board configurations

Streams / Boards

- Stream A
  - Workflow 1
  - Workflow 2

Stream configuration | Board configuration | Card background colors

Stream A / Workflow 2

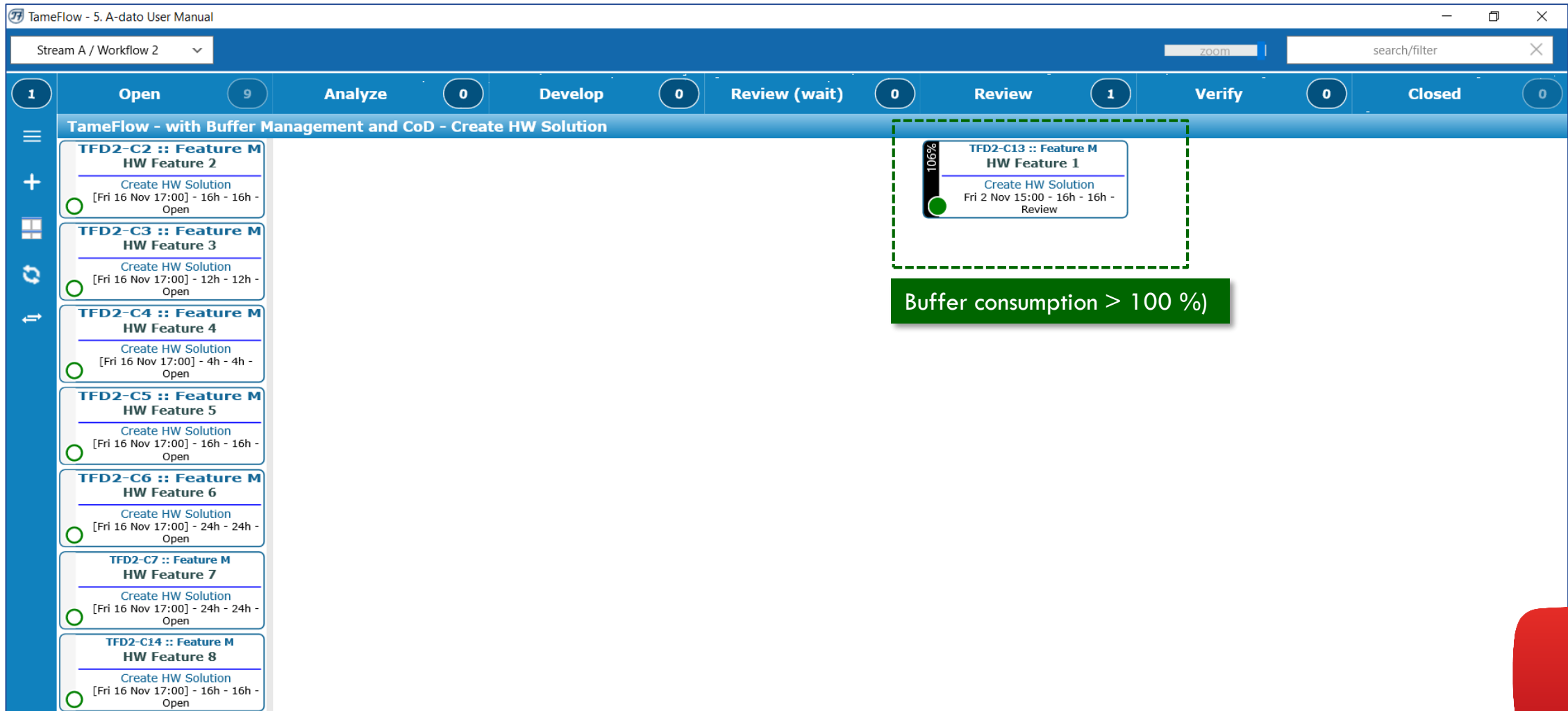
Show	Property value	Caption	Check delays?	Add to WIP	Token required	Wait column	Buffer size
<input checked="" type="checkbox"/>	Open	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None	
<input checked="" type="checkbox"/>	Analyze	Analyze	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None	
<input checked="" type="checkbox"/>	Develop	Develop	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None	
<input checked="" type="checkbox"/>	Review	Review	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Wait	
<input checked="" type="checkbox"/>	Verify	Verify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None	
<input checked="" type="checkbox"/>	Closed	Closed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None	

1 or multiple columns may be selected.

OK Cancel

# Example

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# Example: Card is moved to "Verify"

Card is moved from "Review" to "Verify" and has > 100 Buffer Consumption

The screenshot displays a Kanban board with columns: Develop (0), Review (wait) (0), Review (1), Verify (0), and Closed (0). A card titled "TFD2-C13 :: Feature M HW Feature 1" is in the "Verify" column. A green callout box highlights the card's movement and high buffer consumption. A "Cause of delay" dialog is open, showing a 106% buffer percentage and a "Quality Issue" cause. The detailed card view on the right shows the card's metadata, including due date, estimate, and a list of delay events.

**Cause of delay dialog:**

- When: 04-Nov-18 11:31:53
- Trigger: Status=Verify
- Buffer percentage: 106%
- Reported by: A-dato Consulting, A-dato
- Causes:  Quality Issue
- Your comment: Painting had to be redone.

**Card Details (TFD2-C13):**

- HW Feature 1
- #Employees: 5
- Workpackage: Create HW Solution
- Created: Today 10:09
- Created by: A-dato Consulting, A-dato
- Card type: Feature M
- Due Date: 02-Nov-18 15:00
- Estimate [h]: 16
- Ettc [h]: 16
- Status: Verify
- Time Spent: [ ]
- User: [ ]
- Cause of delay: [edit](#)
- Reported by: A-dato Consulting, A-dato
- When: 04-Nov-18 11:31:53
- Trigger: Status=Verify
- Buffer percentage: 106%
- Cause(s): • Quality Issue
- Comment: Painting had to be redone.

**Delay Events:**

- 04-Nov-18 11:33:34 - A-dato Consulting, A-dato  
Status: Verify  
CauseOfDelay: [{"When":"2018-11-04T11:31:53","Trigger":"Status=Verify","Issue":"Painting had to be redone."}]
- 04-Nov-18 11:30:28 - A-dato Consulting, A-dato  
Status: Review
- 04-Nov-18 11:30:06 - A-dato Consulting, A-dato  
Status: Review (wait)
- 04-Nov-18 11:29:56 - A-dato Consulting, A-dato  
Due Date: 02-Nov-18 17:00:00
- 04-Nov-18 11:29:44 - A-dato Consulting, A-dato  
Status: Develop
- 04-Nov-18 11:29:39 - A-dato Consulting, A-dato  
Status: Analyze
- 04-Nov-18 11:28:46 - A-dato Consulting, A-dato  
Due Date: 08-Nov-18 17:00:00
- 04-Nov-18 11:28:37 - A-dato Consulting, A-dato  
Due Date: 08-Nov-18 9:00:00
- 04-Nov-18 11:27:25 - A-dato Consulting, A-dato  
Status: Review
- 04-Nov-18 11:27:05 - A-dato Consulting, A-dato  
Status: Develop
- 04-Nov-18 11:27:01 - A-dato Consulting, A-dato  
KanbanTokensRequired: 1  
Status: Analyze  
Due Date: 08-Nov-18 17:00:00
- 04-Nov-18 10:10:28 - A-dato Consulting, A-dato  
ProjectID: 628775  
TaskID: 1714050  
Description: HW Feature 1  
CreatedBy: 279