

# Improved Digital Workflows with Fusion Lifecycle

**Markus Gundersen**

Solution Architect – PLM | @Markus-Gundersen



# Agenda

- **Introduction**
- **Deep Diving**
  - Workflow Example
  - Fusion Lifecycle's Flexibility
- **Data, people and processes**
- **Other Workflow examples**



# Markus Gundersen

PLM Solution Architect – NTI AS, Norway

Cybernetics engineer from NTNU

Working with SMBs in Norway and Sweden mainly in the Oil & Gas and Maritime Equipment sector.

Afraid of “status quo”





Reflect



# The Challenge



# Innovation Types



## Incremental

Optimizing existing products for existing customers.



## Adjacent

Expanding from existing business into “new to the company” business.



## Transformational

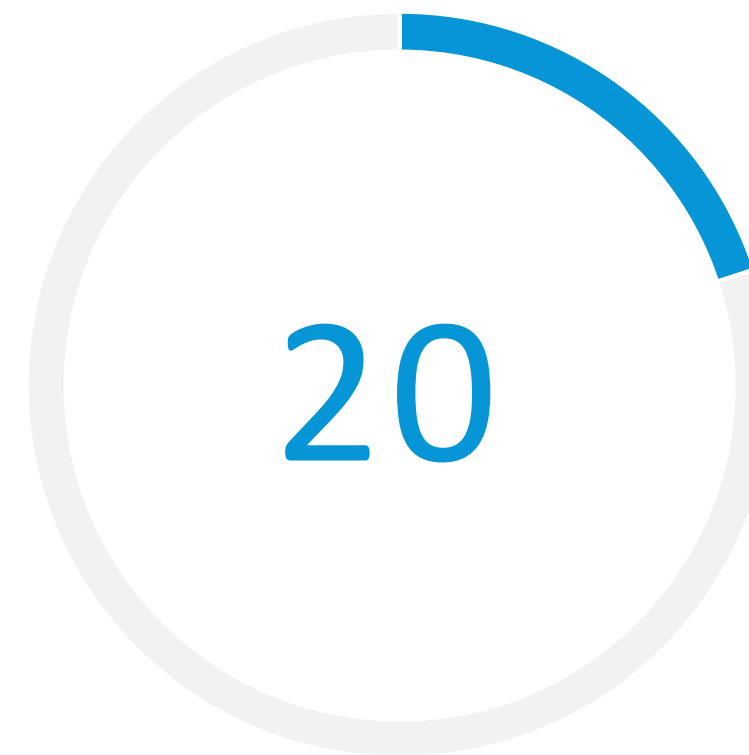
Developing breakthroughs and inventing things for markets that don’t yet exist.

# Innovation ROI



## Incremental

Optimizing existing products for existing customers.



## Adjacent

Expanding from existing business into “new to the company” business.



## Transformational

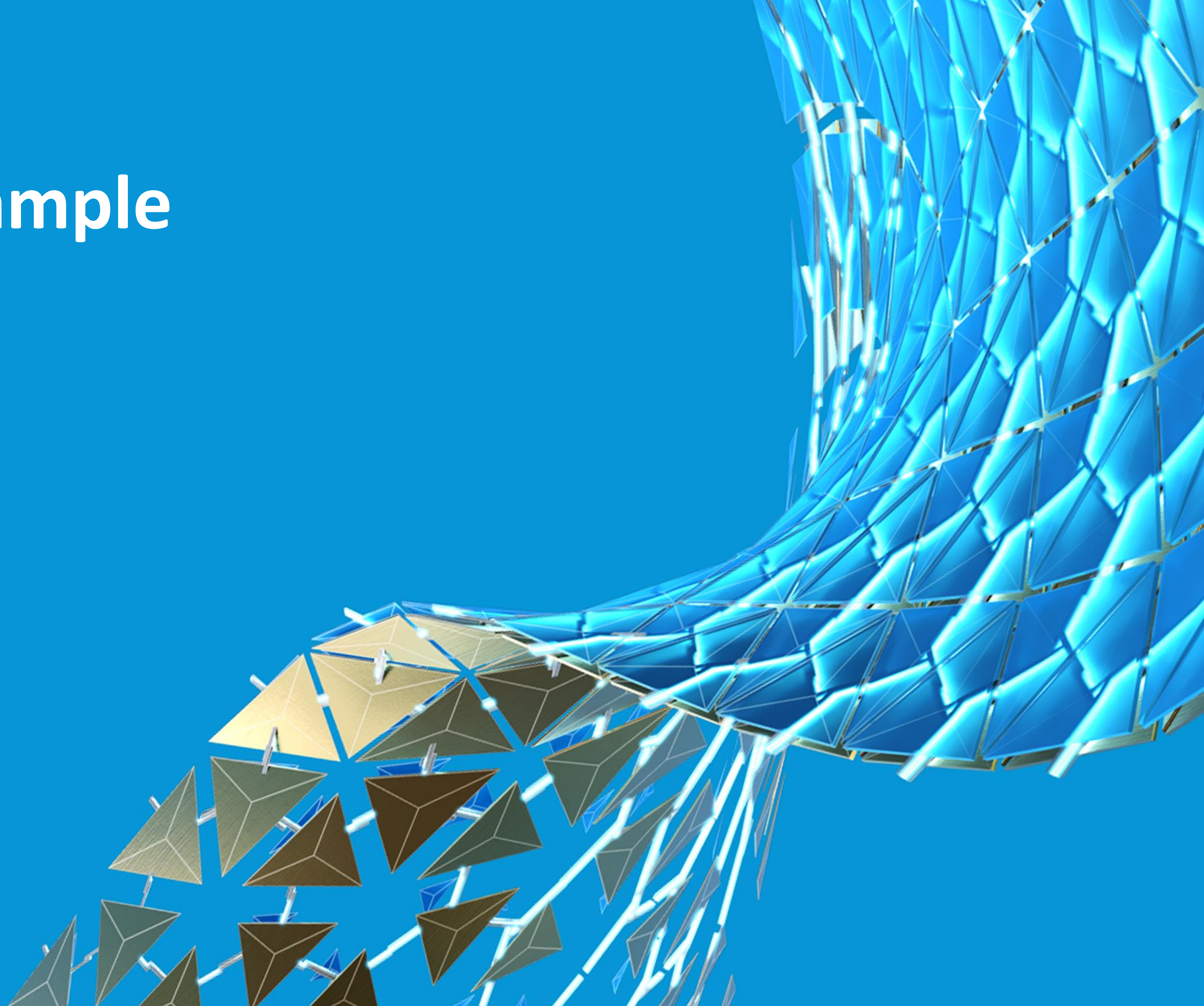
Developing breakthroughs and inventing things for markets that don’t yet exist.

# The Trend



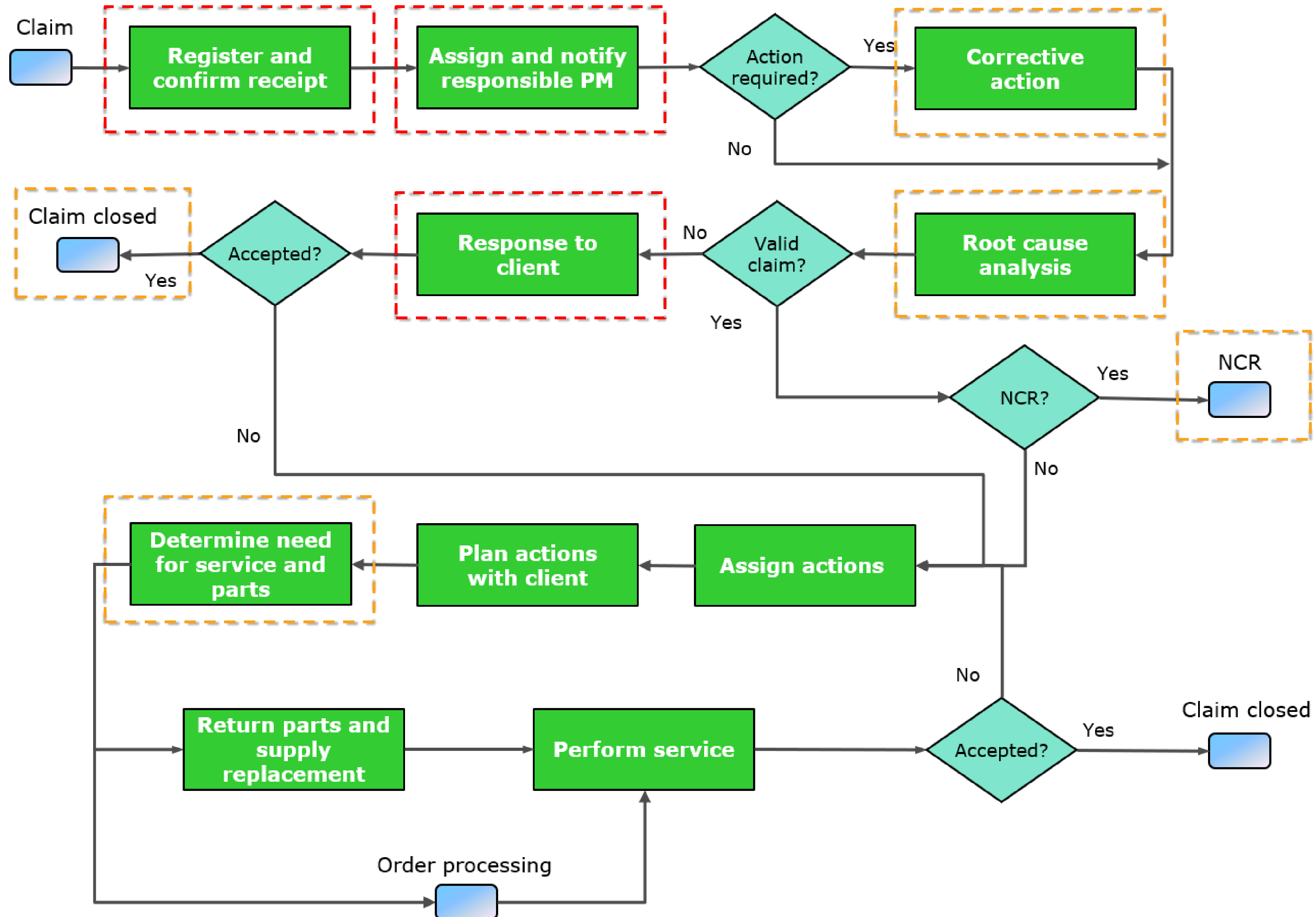
# Workflow Example

Claims handling



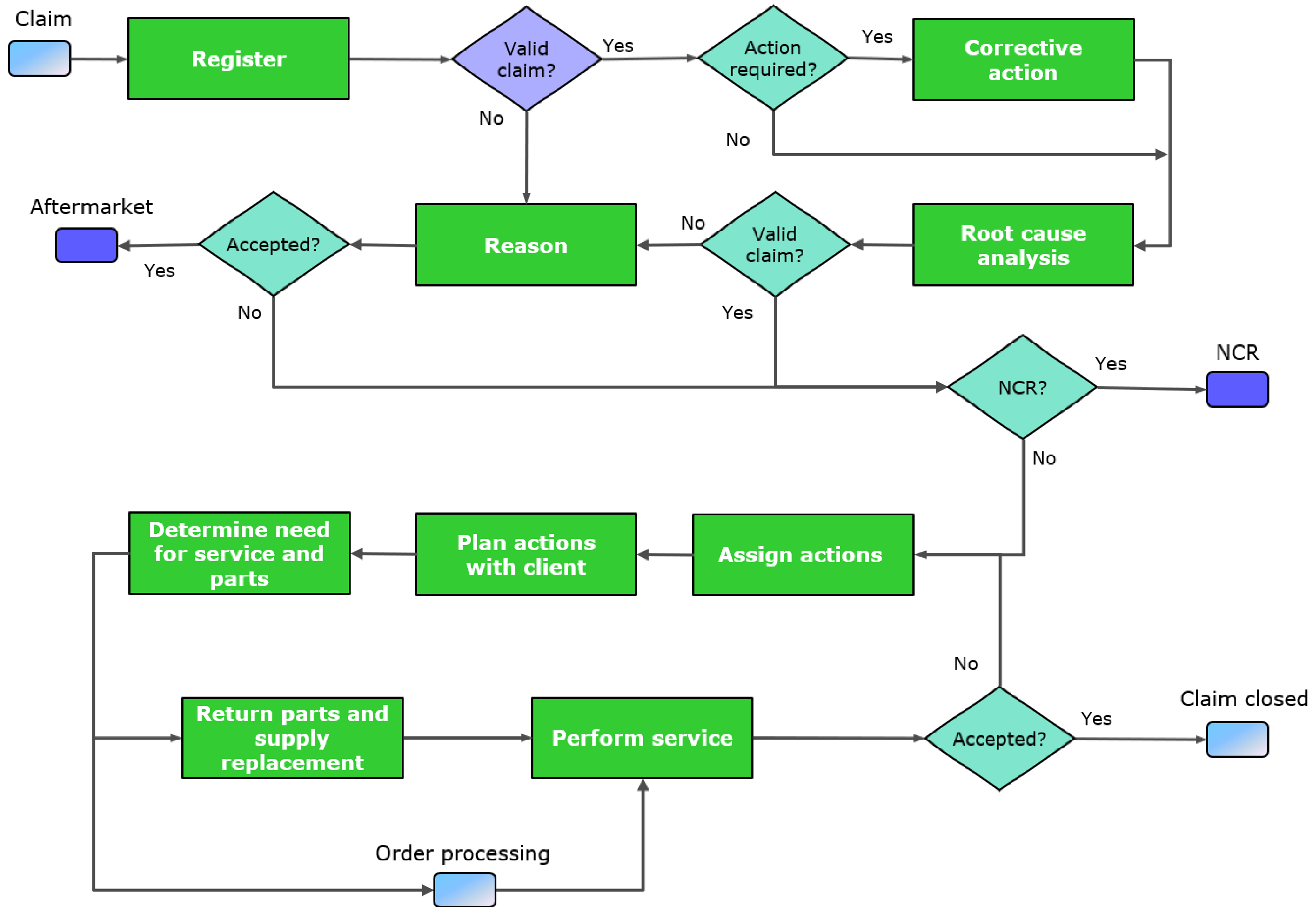


# Claims & Warranty

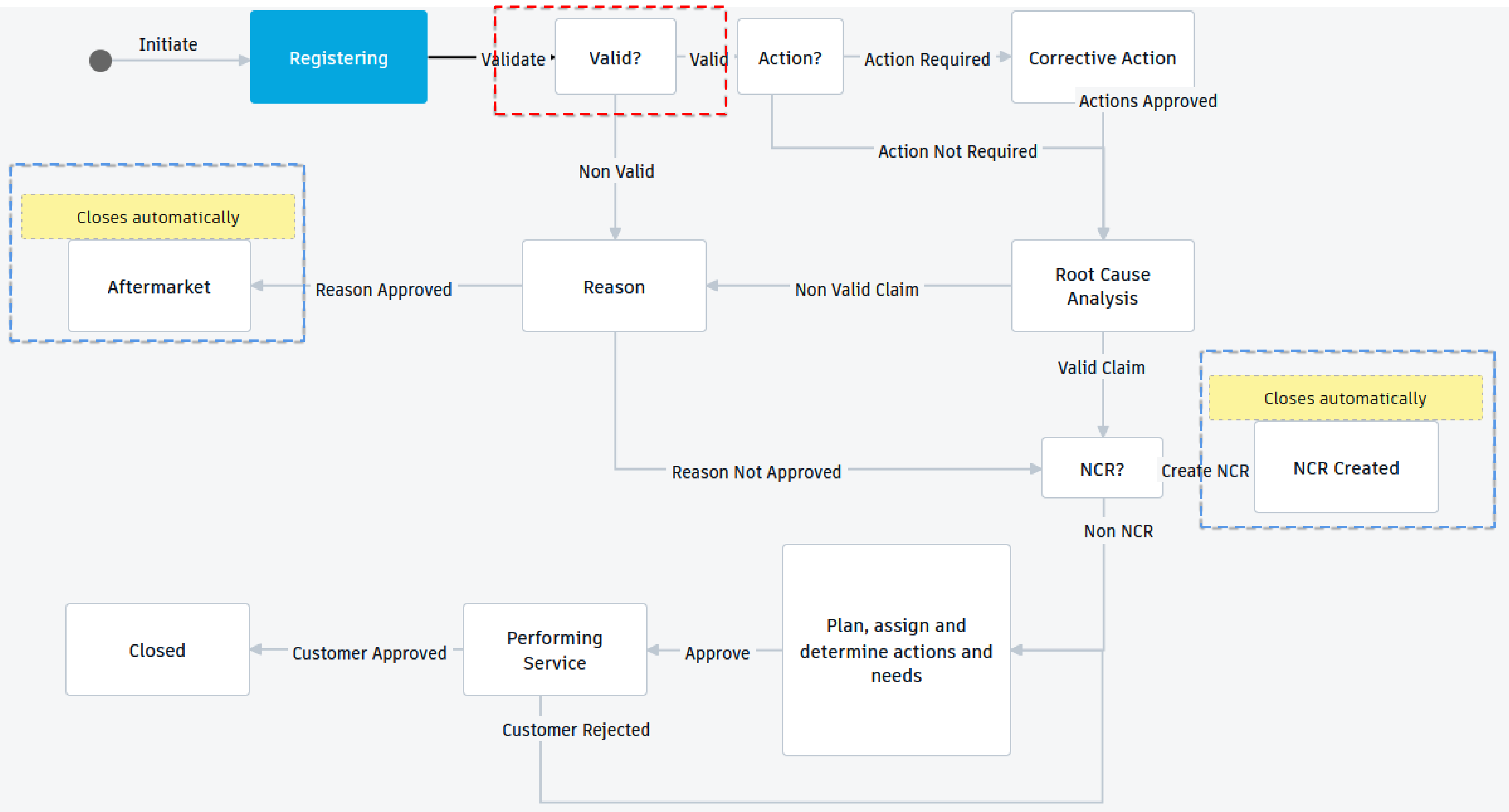




# Claims & Warranty

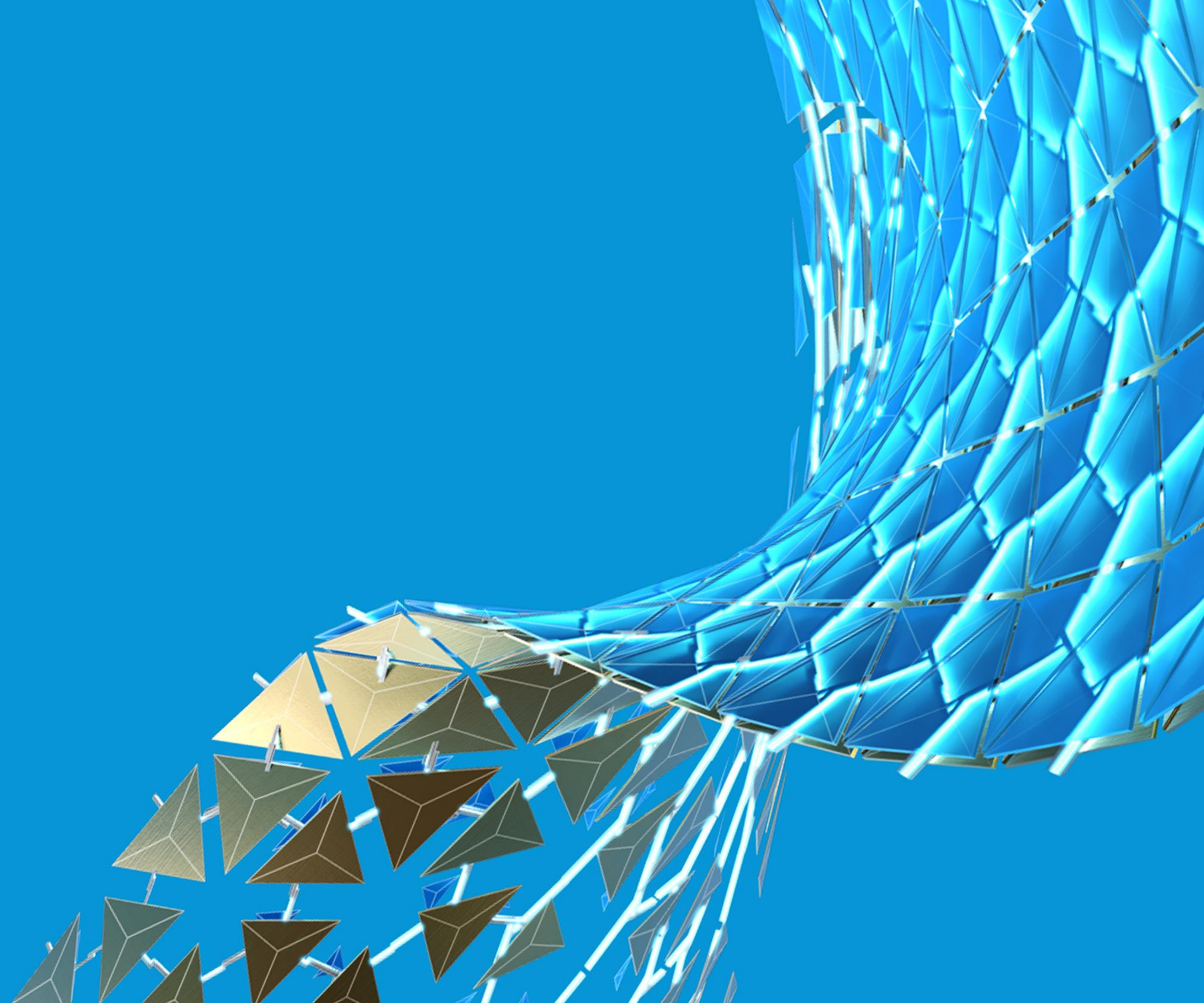






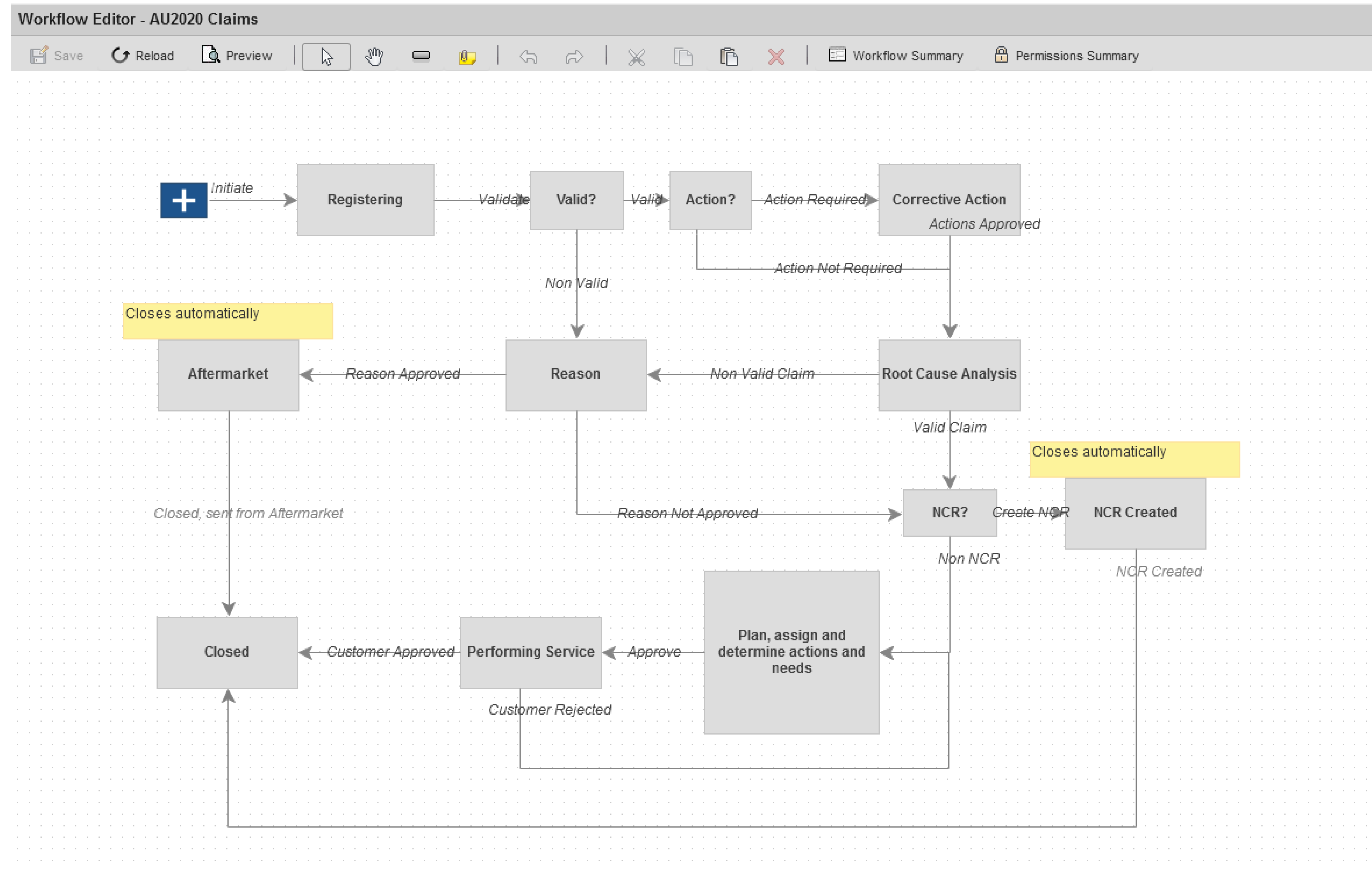


# Flexibility





# Workflow Editor





# Transitions

Each transition can be configured differently

- Hidden or non-hidden transition
- Permissions
- Preconditional Filters
- Preconditional Scripts
- Validation Scripts
- Action Scripts
- Notification to owner
- Display in Outstanding Work
- Notify users
- Password required
- Comments (optional, required or disabled)
- Save step label

Transition Properties	
System ID	822
Name	NCR Created
Custom ID	NCR_CREATED
Description	
	<input checked="" type="checkbox"/> Hide in online map
Permission	General
	Create new permission
Precondition Filters	Additional Owners ASSIGNED_TO_1 ASSIGNED_TO_2 ASSIGNED_TO_3 Owner PROJECT_MANAGER
Precondition Script	
Validation	AU2020 - Claims Validation WF
When this transition is performed	
Action	AU2020 - Claims Action WF
	<input type="checkbox"/> Notify owner by e-mail on occurrence
When this transition becomes available	
	<input type="checkbox"/> Display in Outstanding Work
	<input type="checkbox"/> Notify users who have permission to perform it
	<input type="checkbox"/> Password required
Comments	Optional
Save step label	
	Show IDs



# States

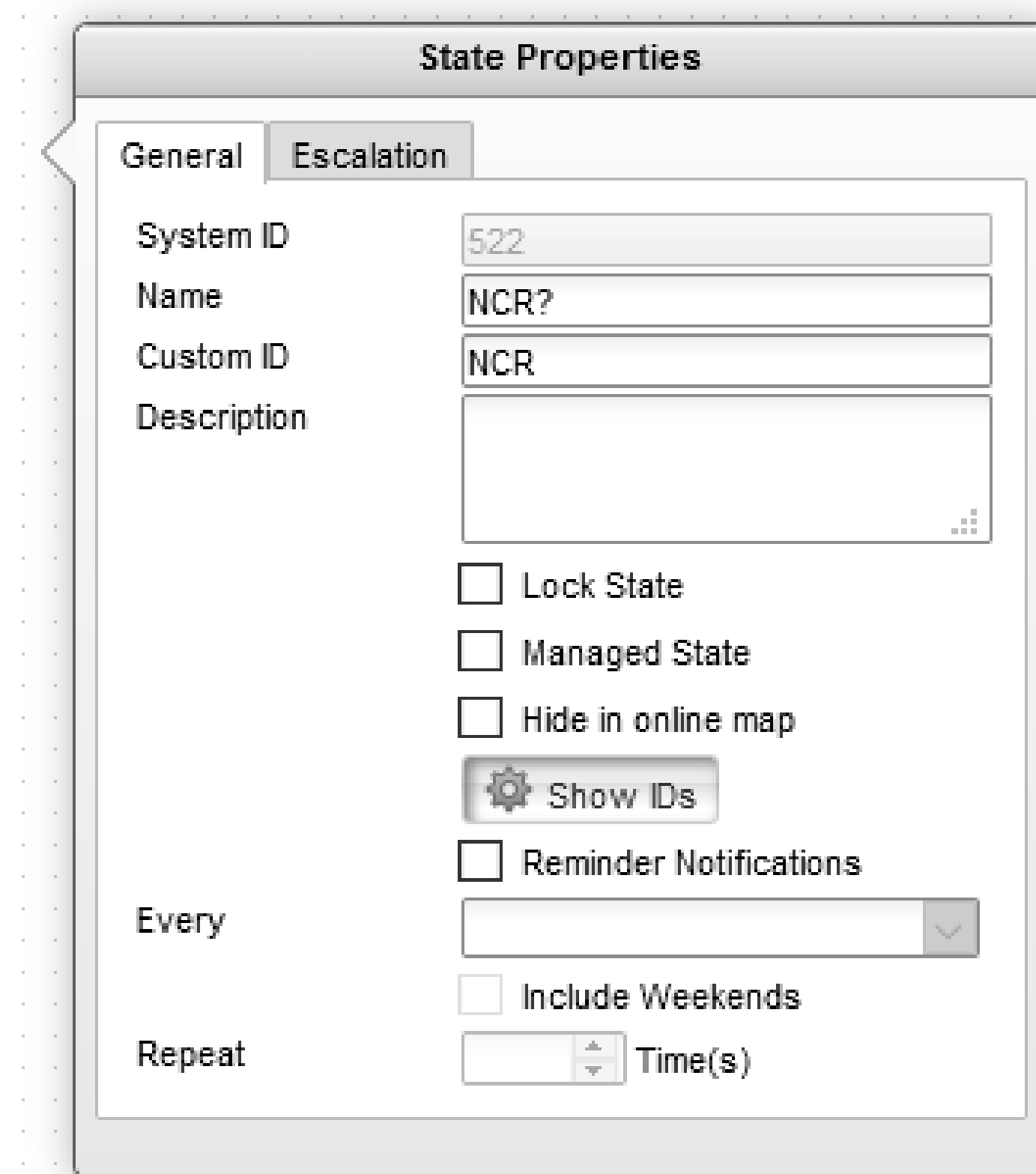
Each state has some configurations

General:

- Lock State
- Manage State
- Hide in online map
- Reminder Notification

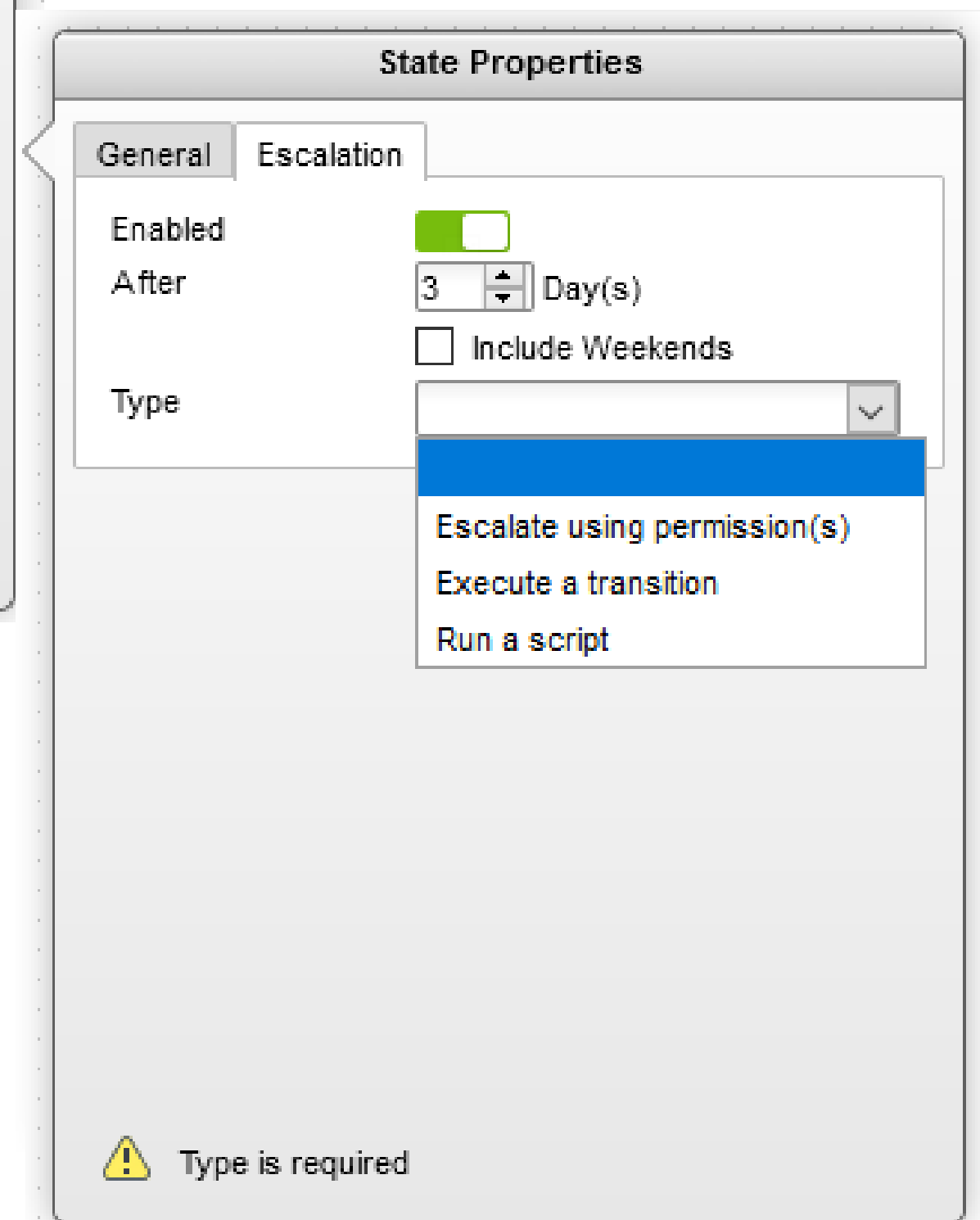
Escalation:

- Enabled
- Time
- What



The 'State Properties' dialog box is shown with the 'General' tab selected. It contains the following fields and options:

- System ID:** 522
- Name:** NCR?
- Custom ID:** NCR
- Description:** (empty text area)
- ☐ Lock State
- ☐ Managed State
- ☐ Hide in online map
- ☒ Show IDs (with gear icon)
- ☐ Reminder Notifications
- Every:** (empty dropdown menu)
- ☐ Include Weekends
- Repeat:** (empty spinner) Time(s)



The 'State Properties' dialog box is shown with the 'Escalation' tab selected. It contains the following fields and options:

- Enabled:** (checked checkbox)
- After:** 3 Day(s) (with spinner)
- ☐ Include Weekends
- Type:** (dropdown menu with a blue highlight on the first option)
- Options:**
  - Escalate using permission(s)
  - Execute a transition
  - Run a script
- Warning:** Type is required (with yellow warning icon)



Connect data, people and  
processes





CRM-000005 - NTI AS



📍 Active

Workflow actions ▾

Customer Details

Order History (1)

Claims (2)

Workflow Actions

Attachments (0)

Change Log

Edit

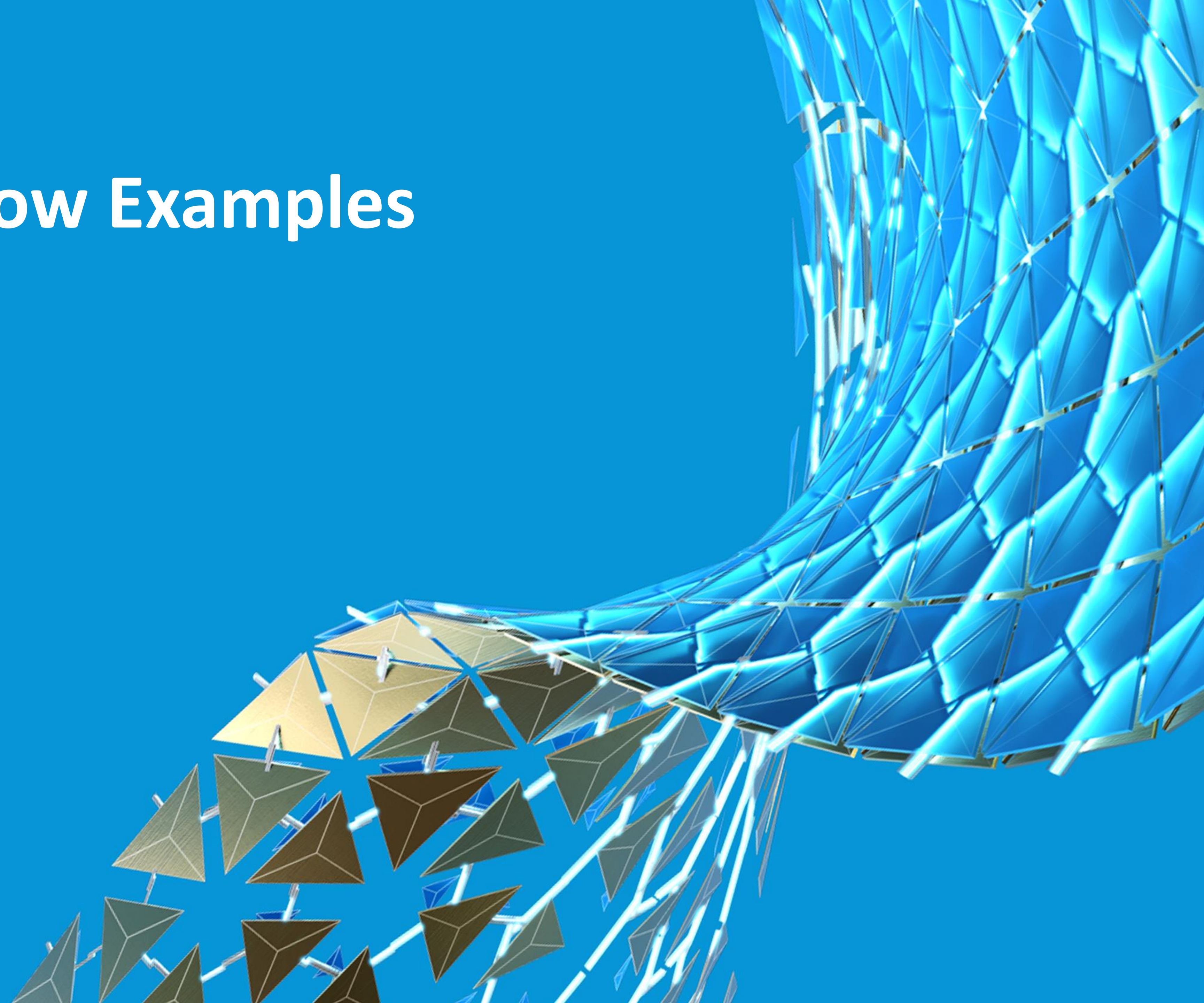
Add

Remove

	Claim	Date
<input type="checkbox"/>	CLM000003 - Sensor doesnt work - CRM-000005 - NTI AS	19/10/2020
<input type="checkbox"/>	CLM000001 - Sensor doesnt work - CRM-000005 - NTI AS	19/10/2020



# Other Workflow Examples





WO-000015 - CRM-000001 - NTI AS - 000003 - Cylinder - ø40 -

★

⋮

|

^

v

⛶

✕

📍 Machining

Workflow actions ▾

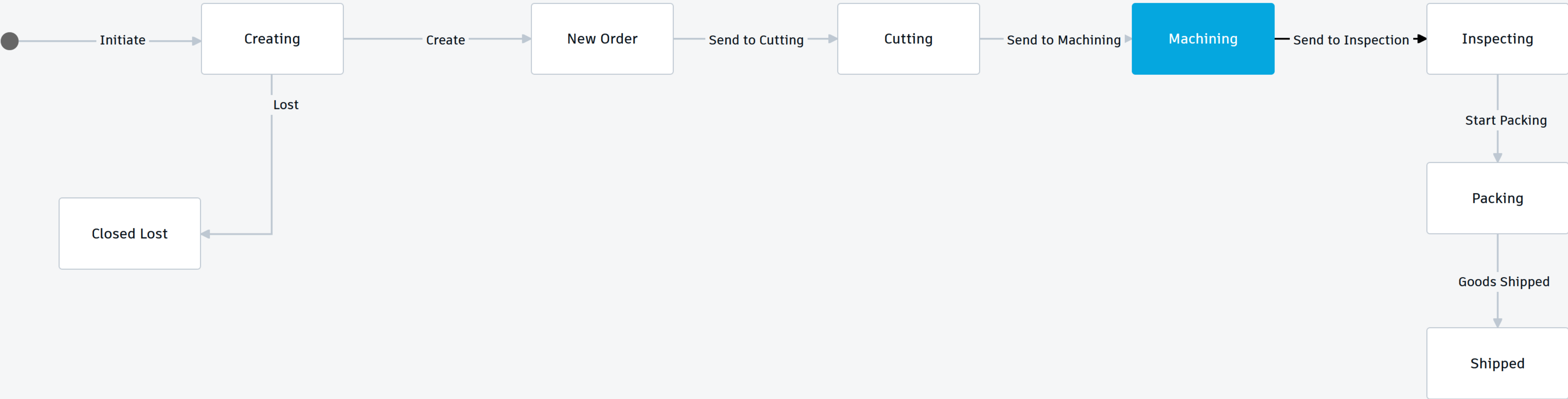
- Item Details

Workflow Actions

Attachments (0)

Grid (2)

Change Log



⛶

🎯

🔍

🔍

🔄



Batch-000002 - DIPA - Bredo - MGU

★

⋮

|

^

↓

⛶

✕

📍 Boiling

Workflow actions ▾

Revert workflow action ↶

- Beer Details

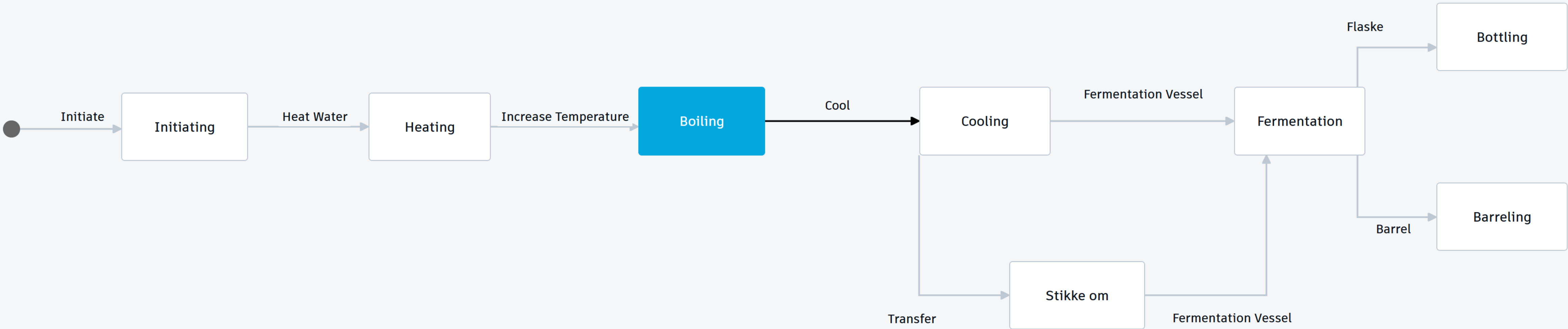
Beer Tastes (0)

Beer of Materials (3)

Workflow Actions

Attachments (0)

Change Log



📐

🎯

🔍

🔍

🔄



THANK  
YOU!





Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2020 Autodesk. All rights reserved.

