

Theory

01 | Signal Event





Theory

01 | Signal Event

02 | Error Event



Theory

01 | Signal Event

02 | Error Event

03 | Escalation Event



Theory

01 | Signal Event

02 | Error Event

03 | Escalation Event

04 | Termination Event

BPMN Theory

process camp

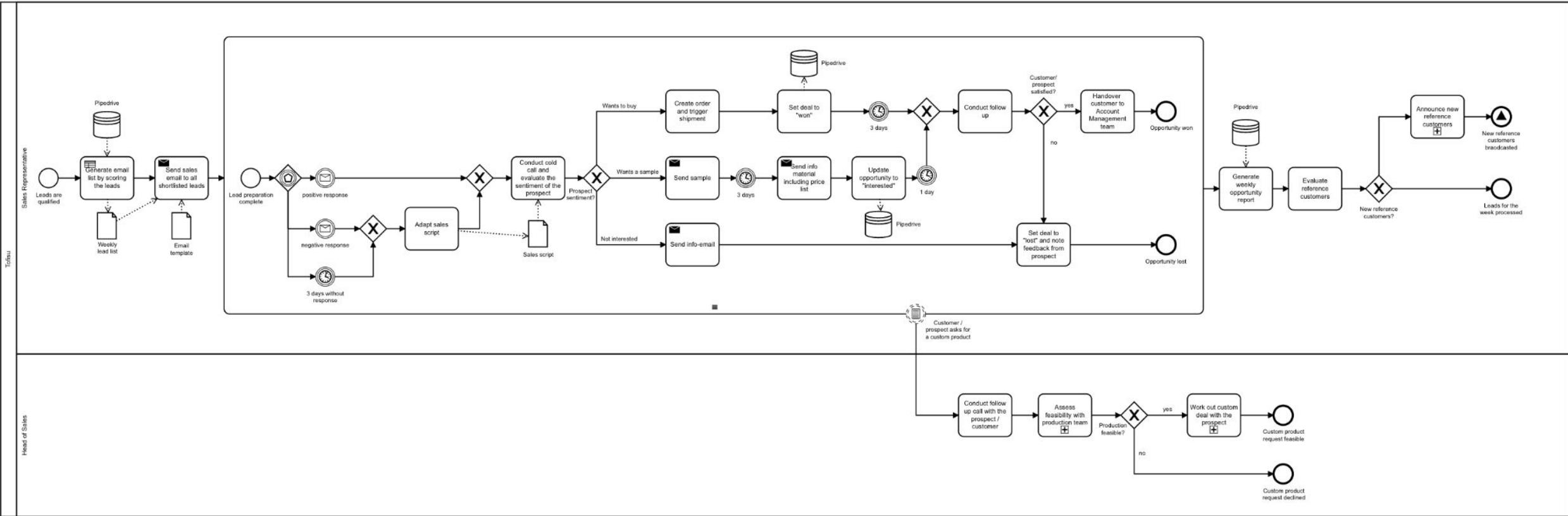
Signal Event

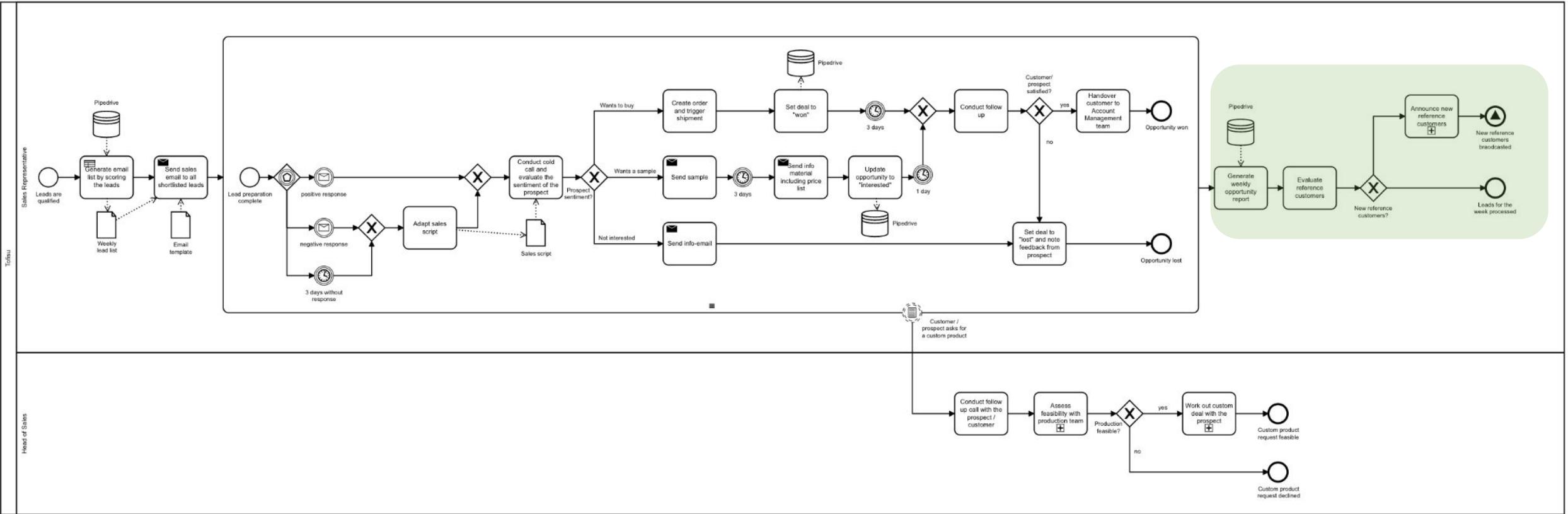


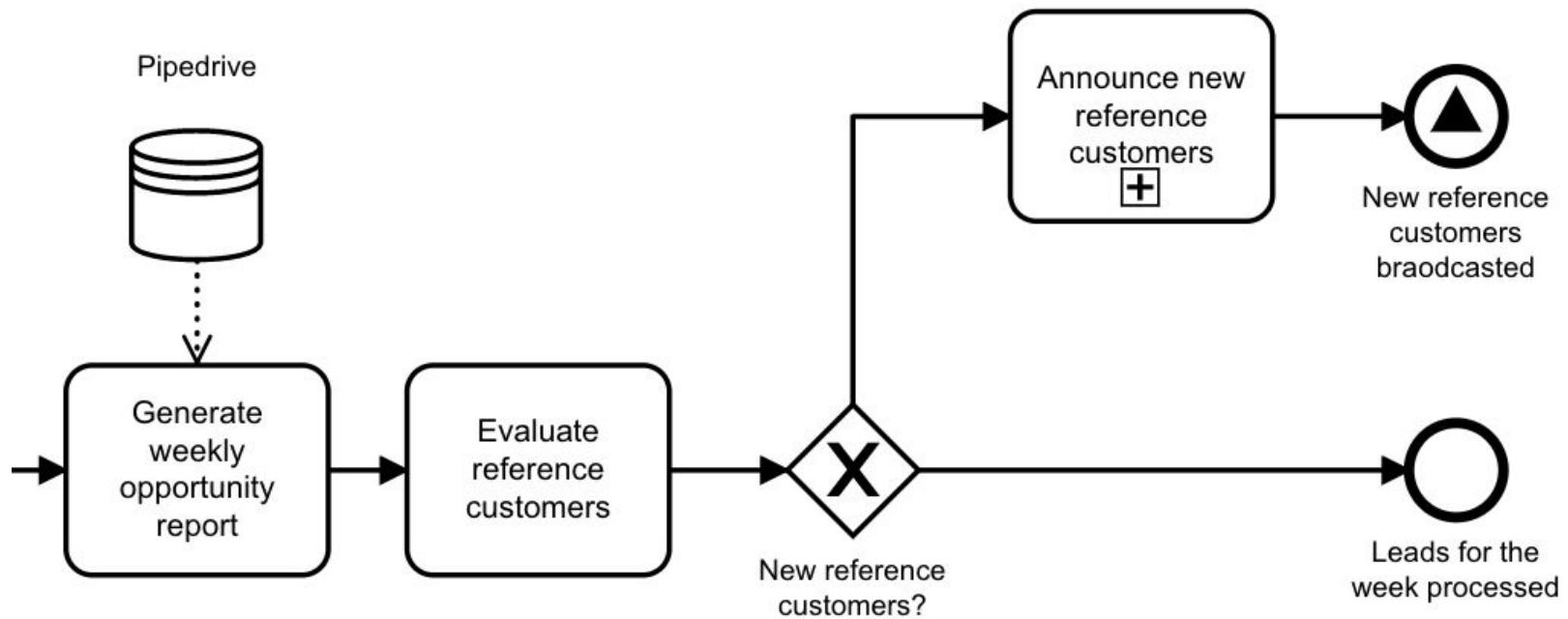
- Broadcasts information
- Is not addressed to any specific recipient

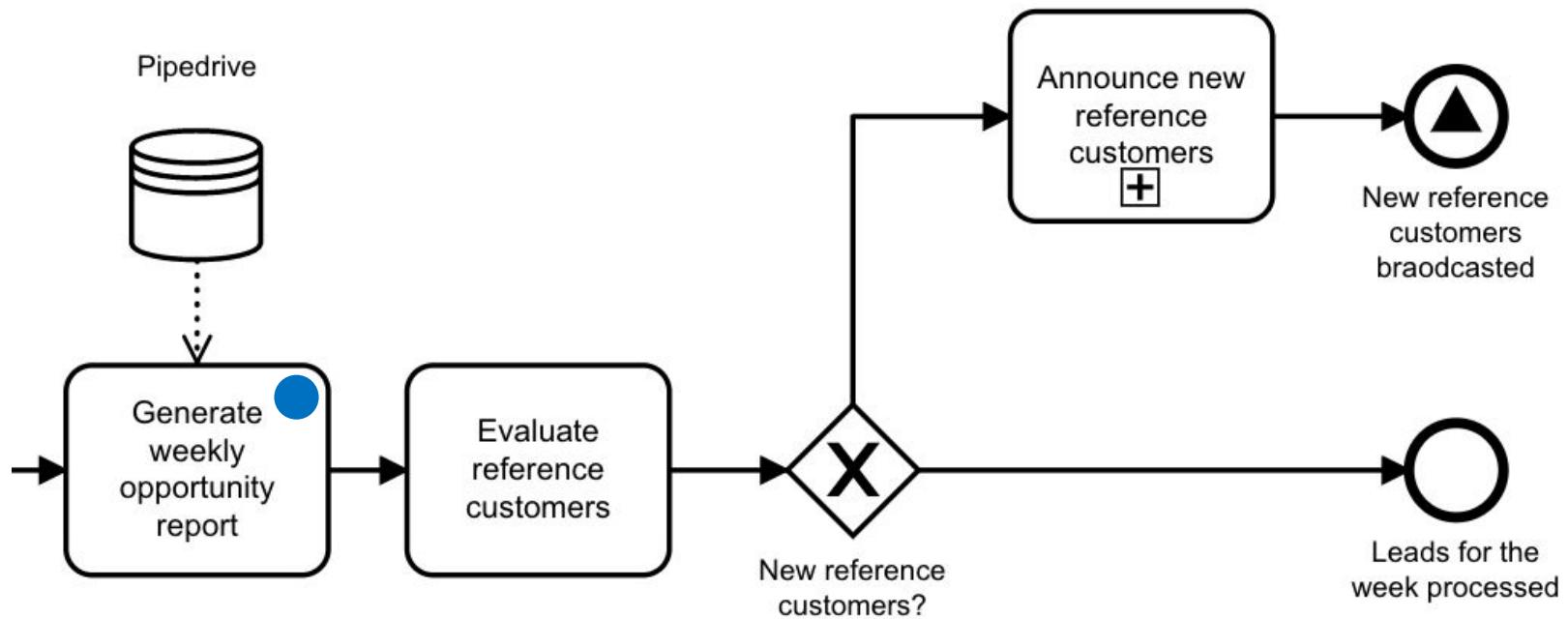


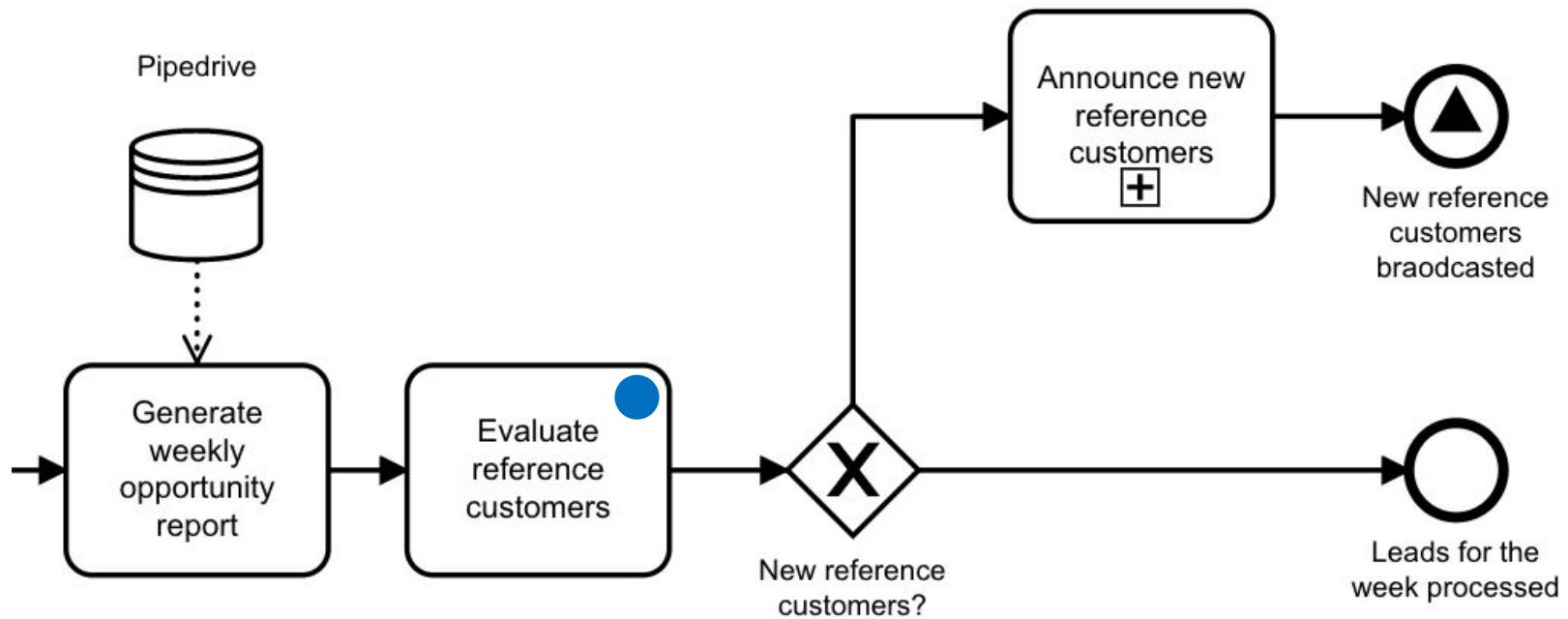
The lead process at Tofisu

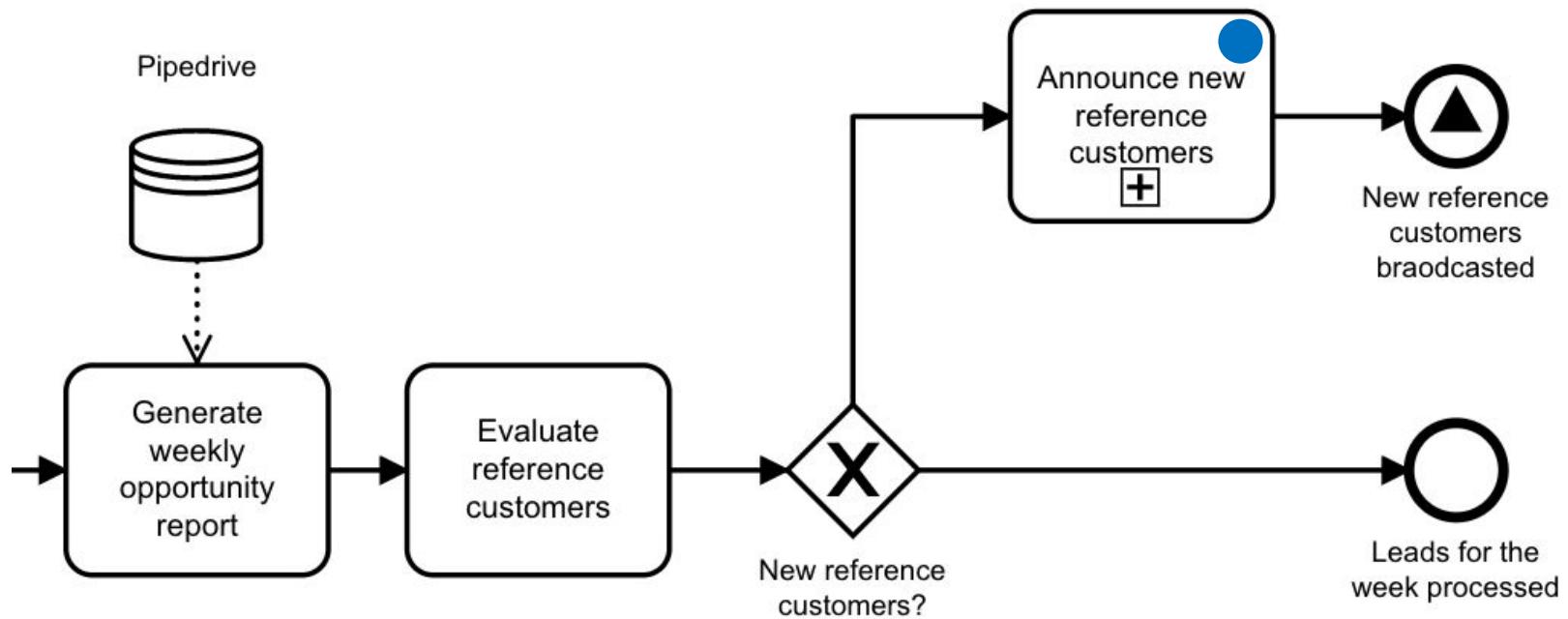


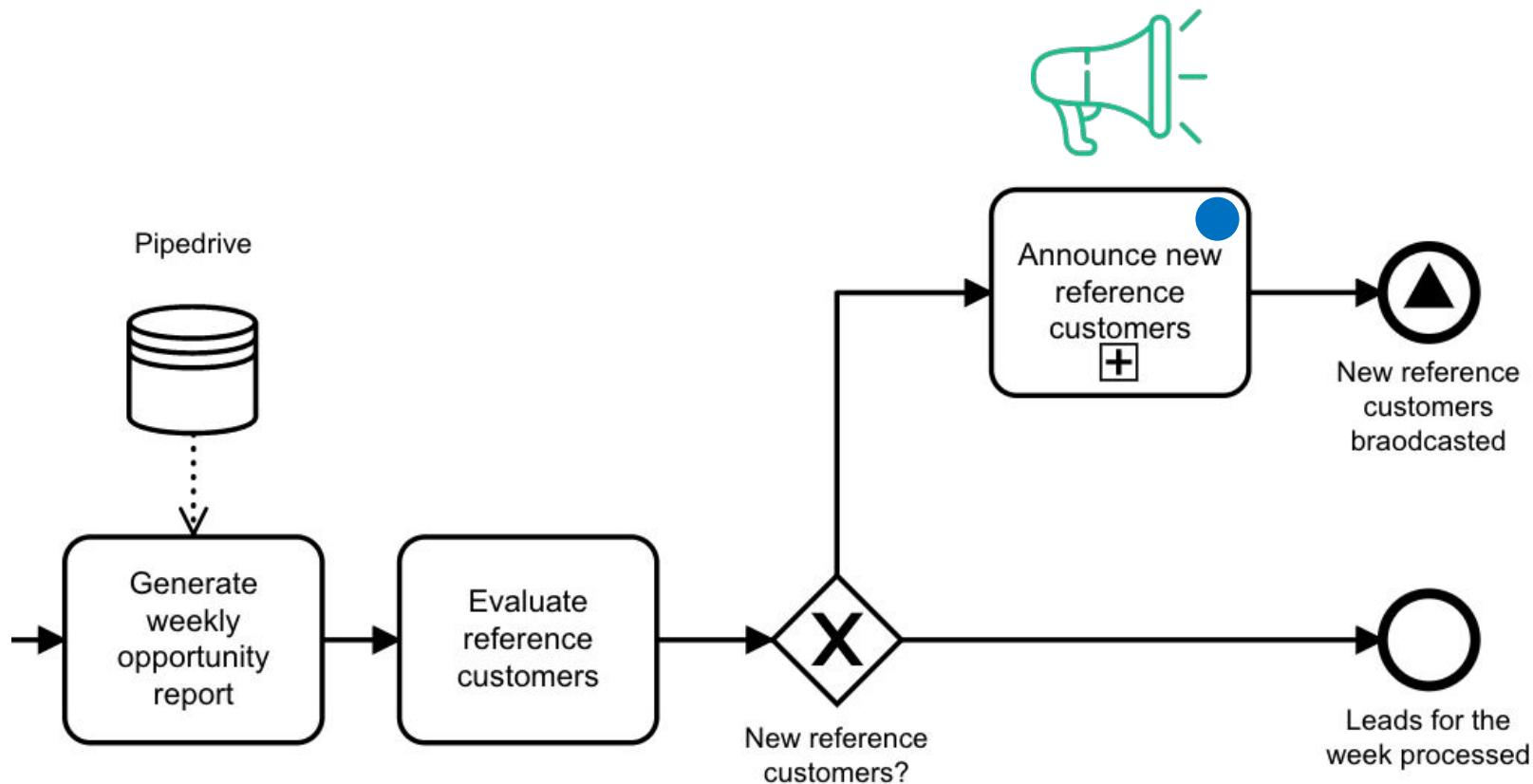


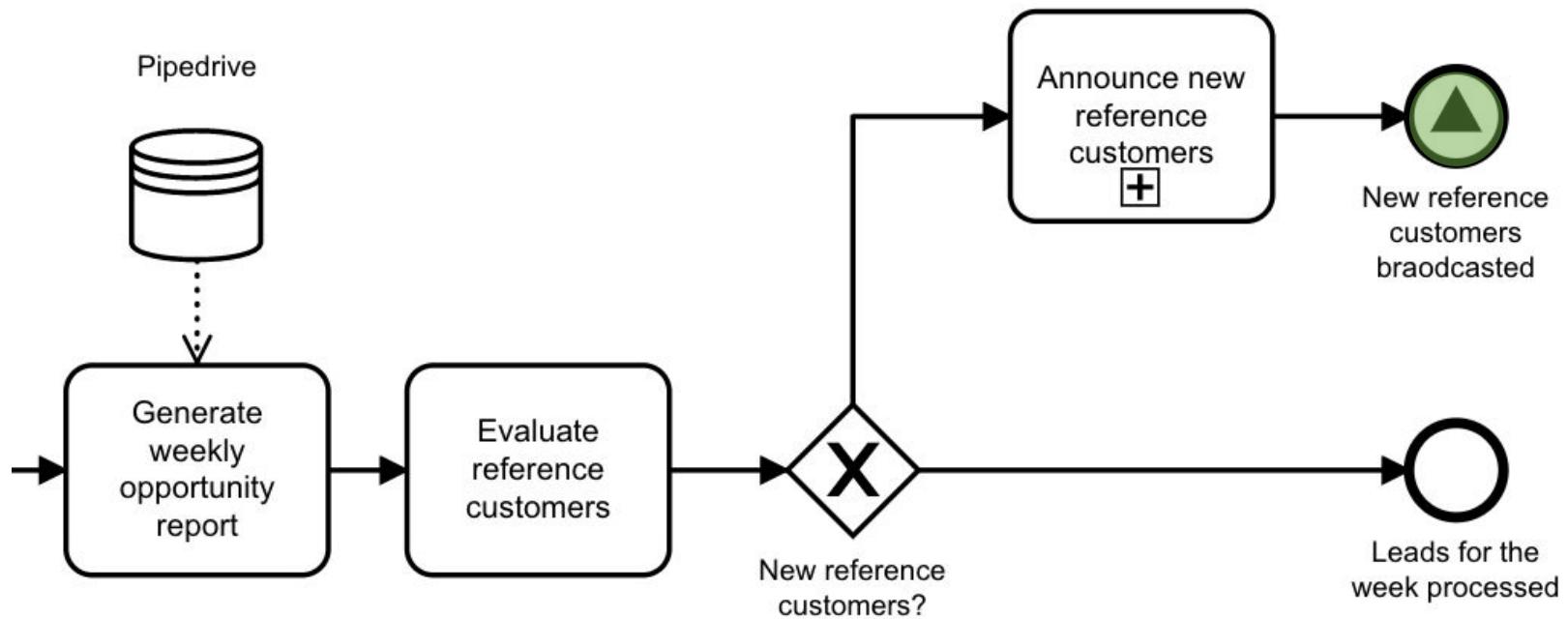


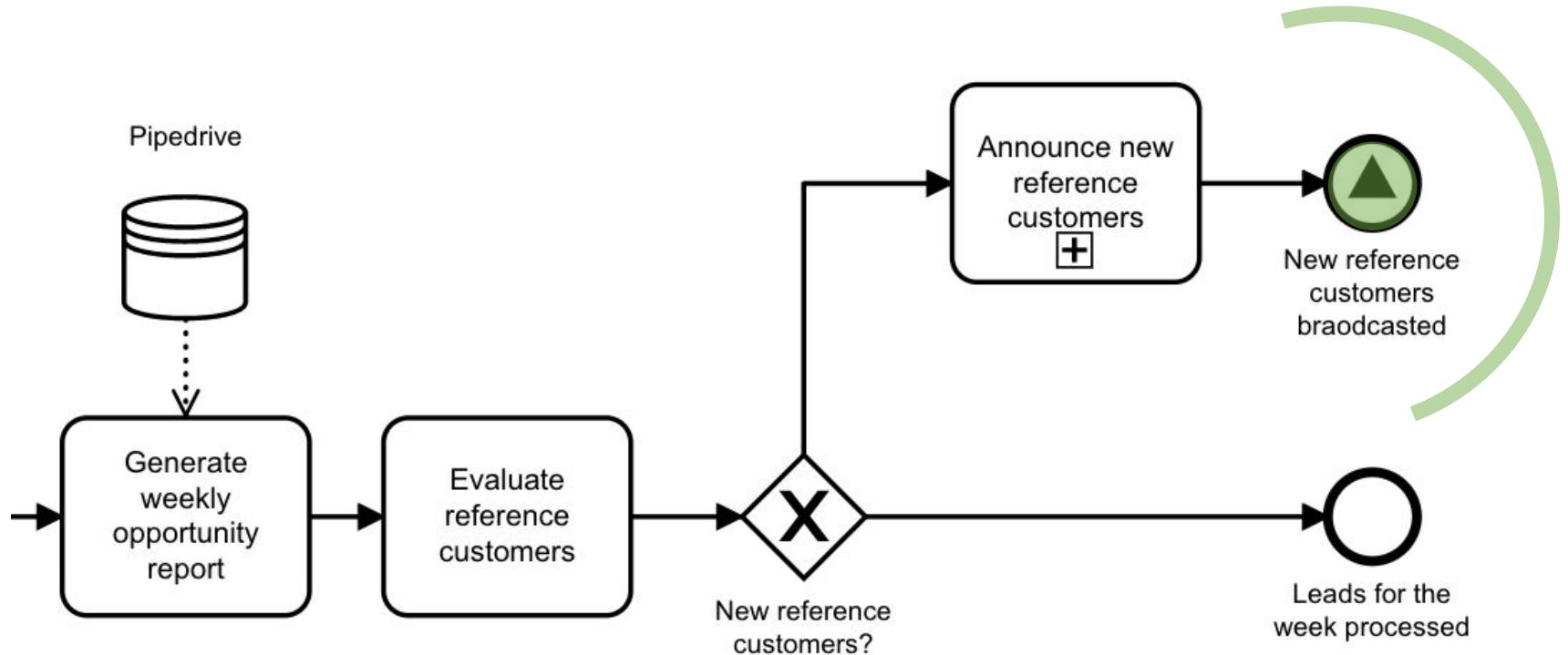


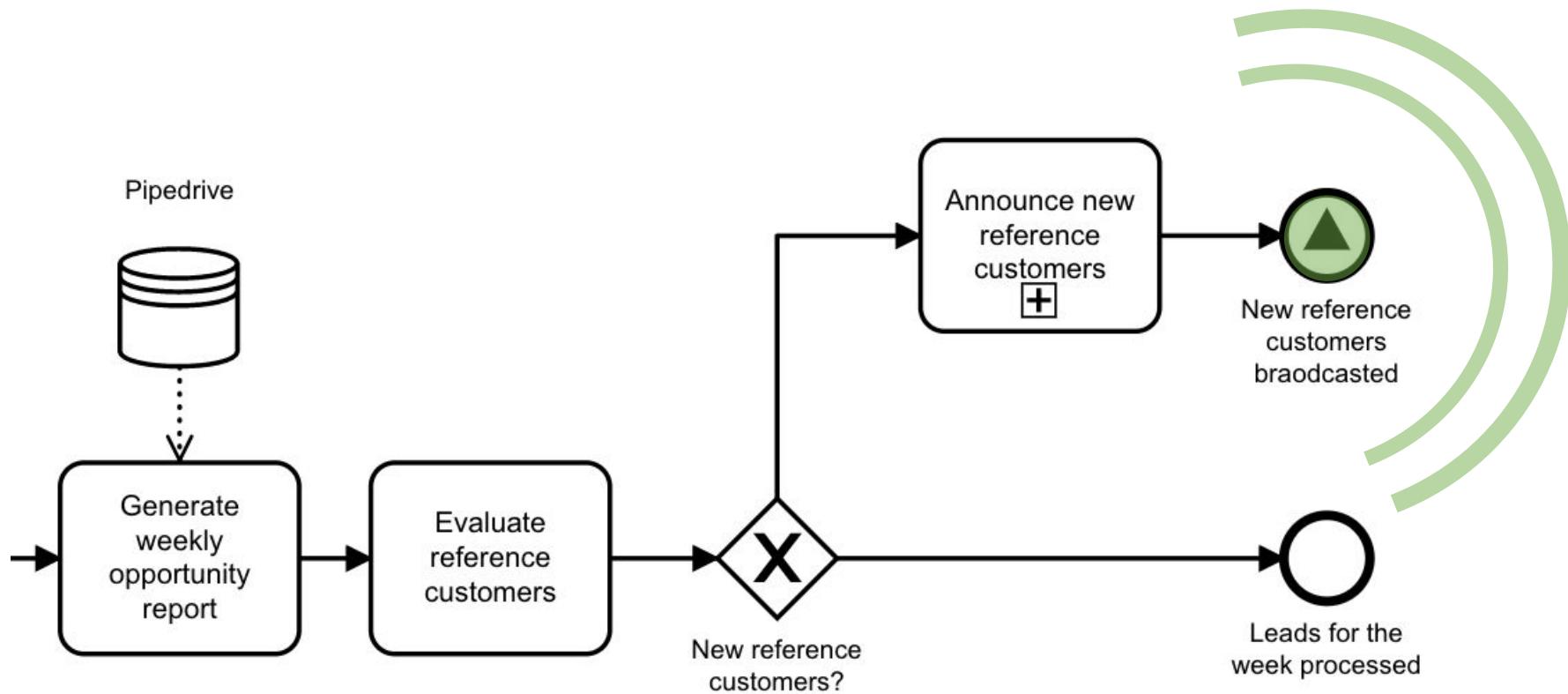


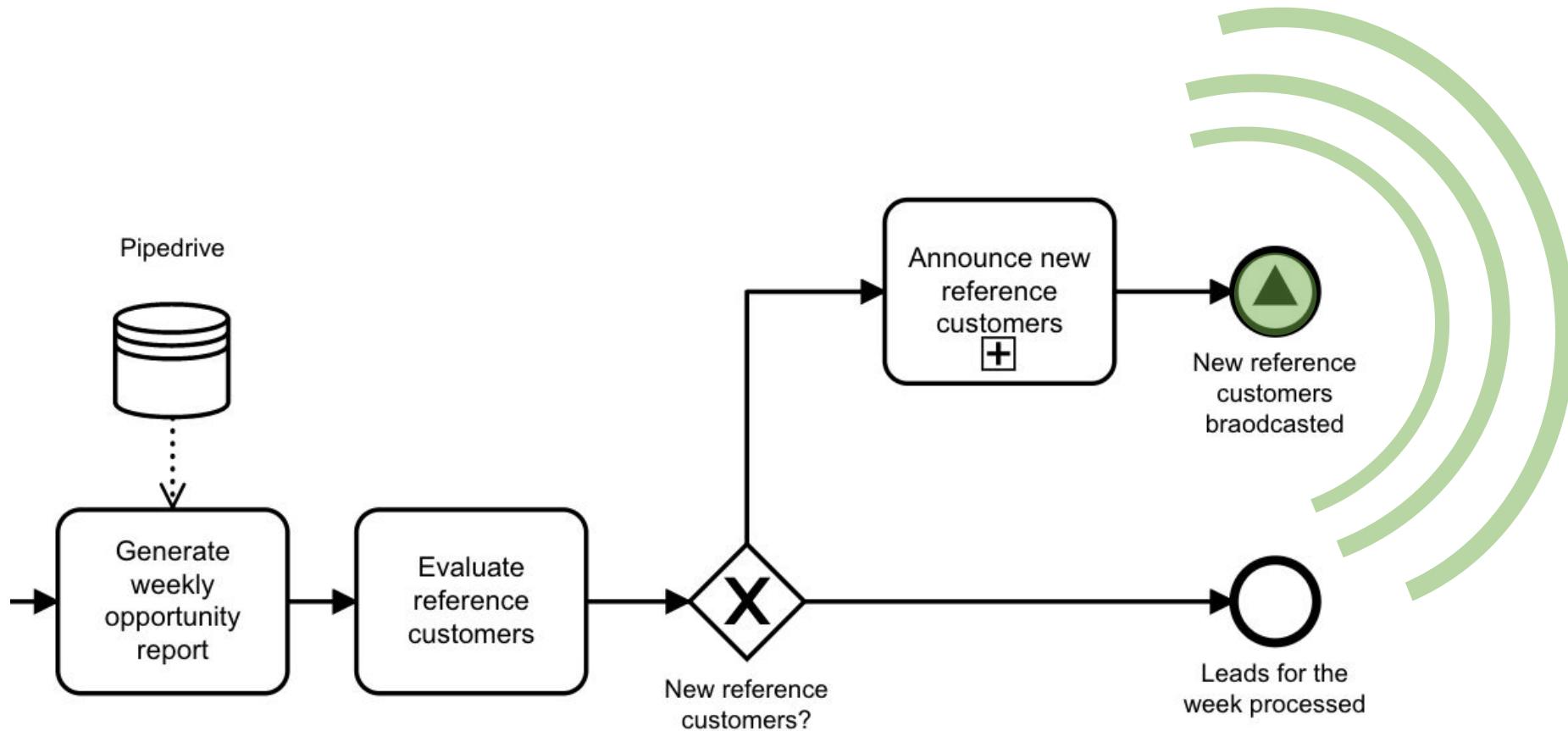


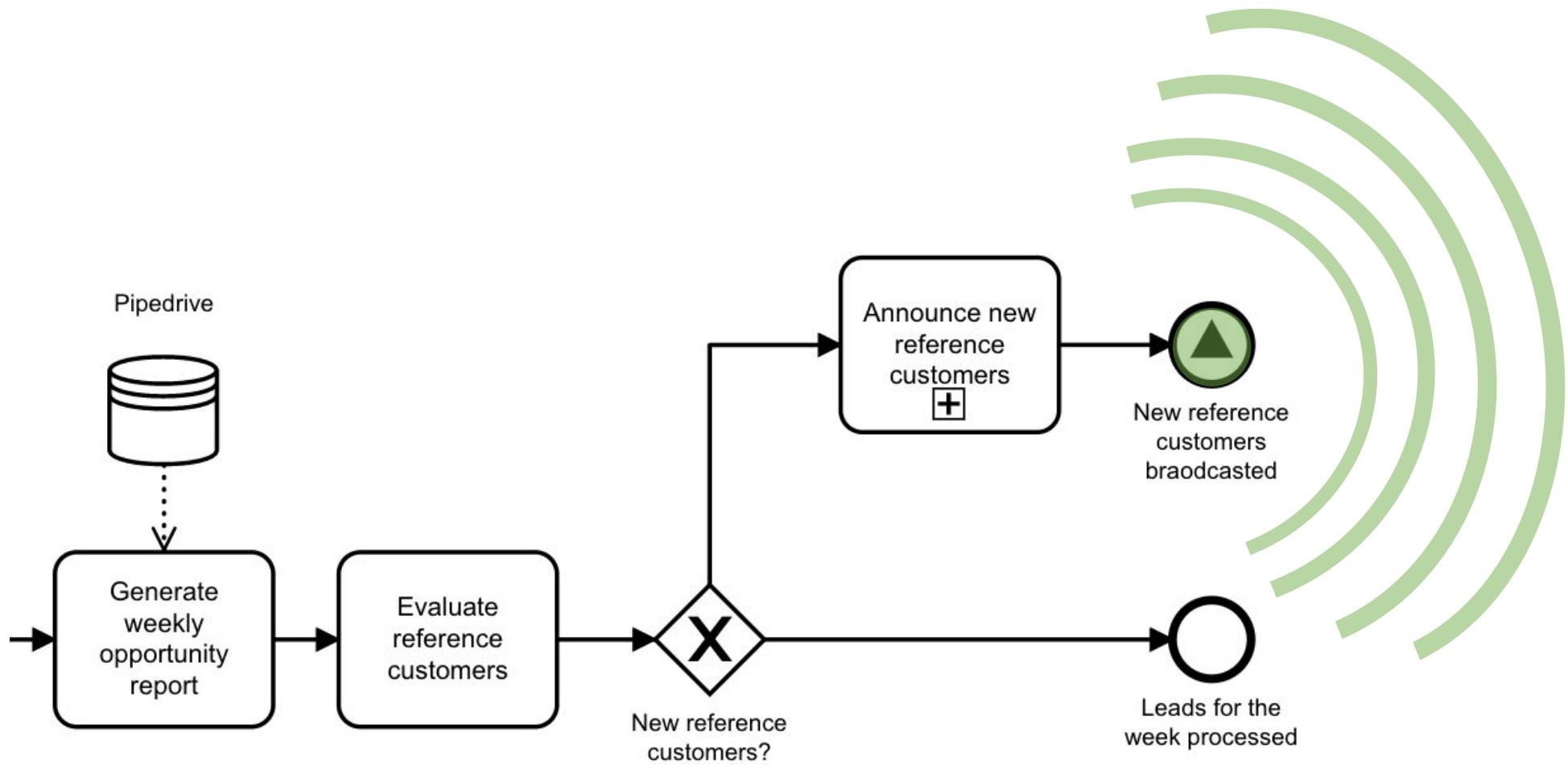








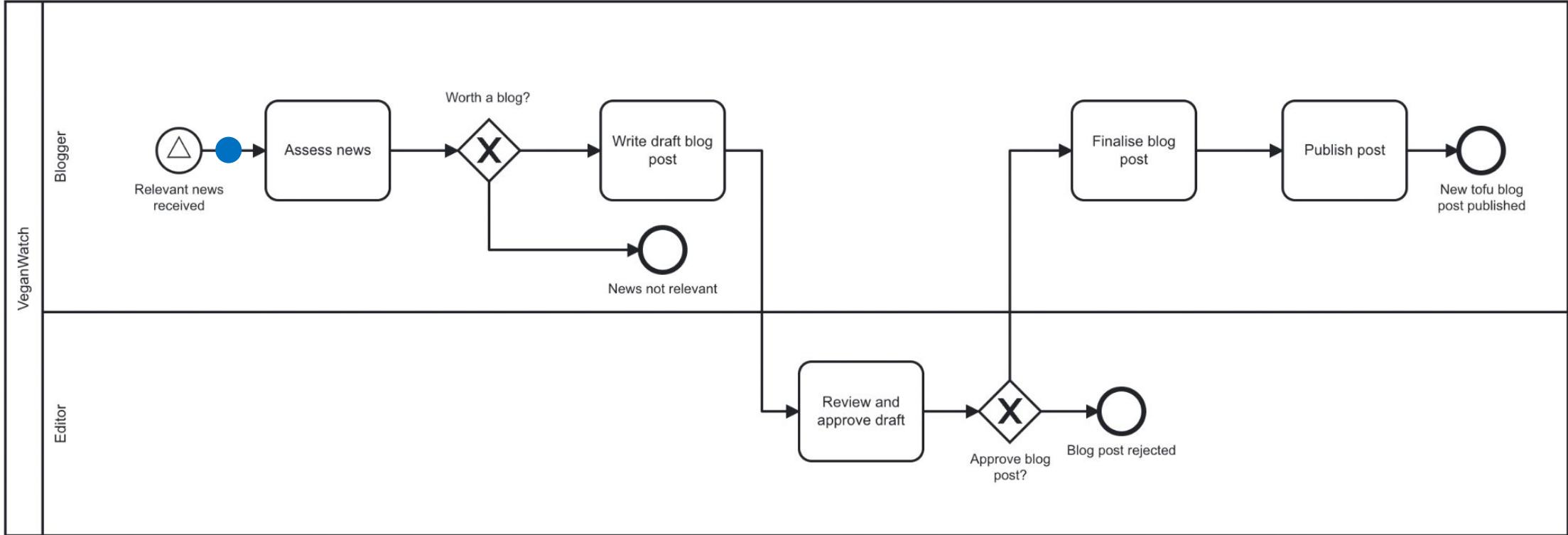


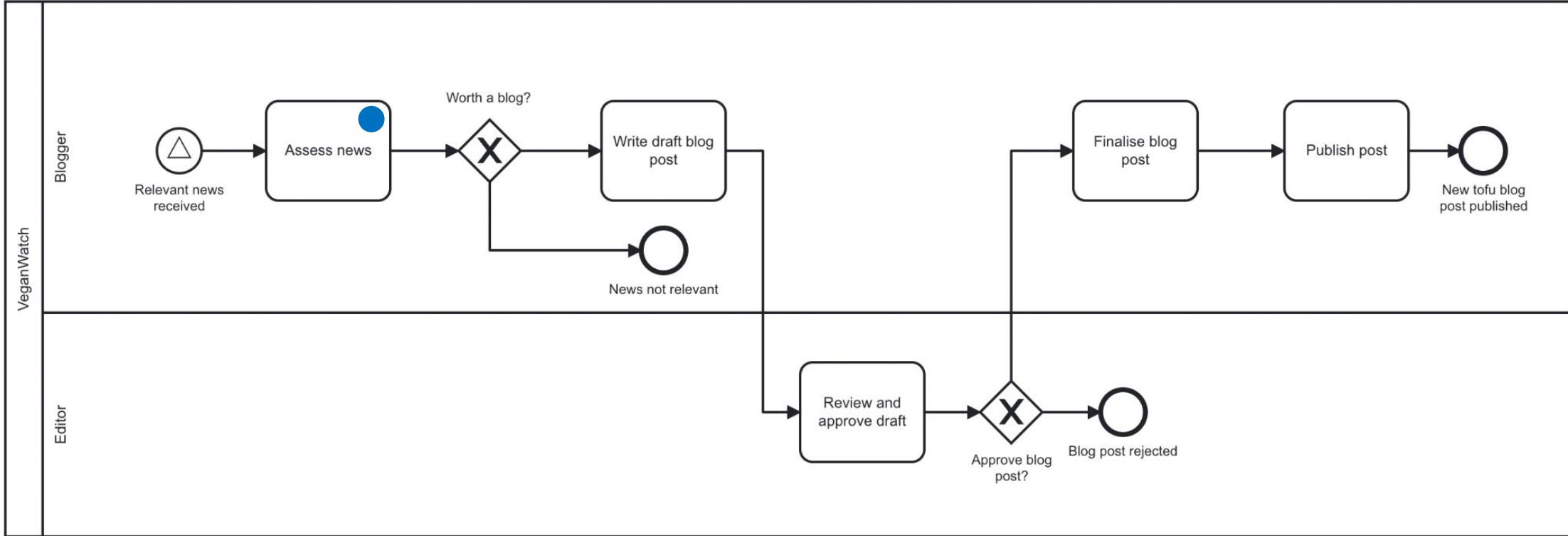


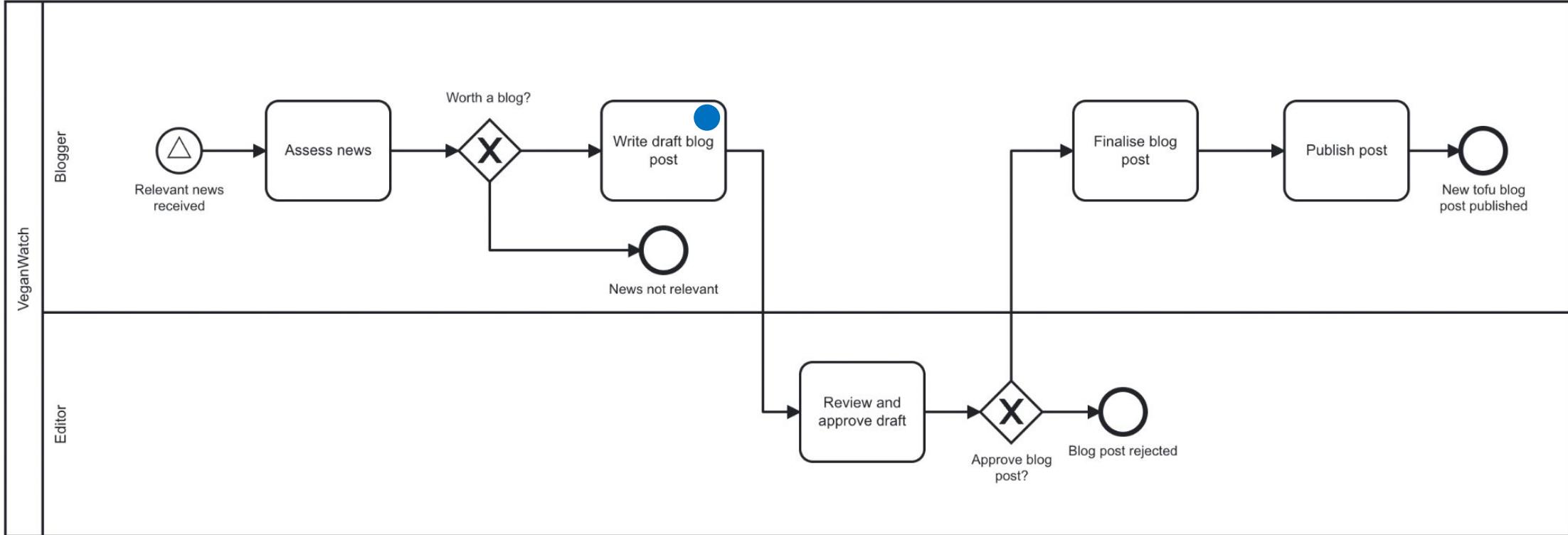


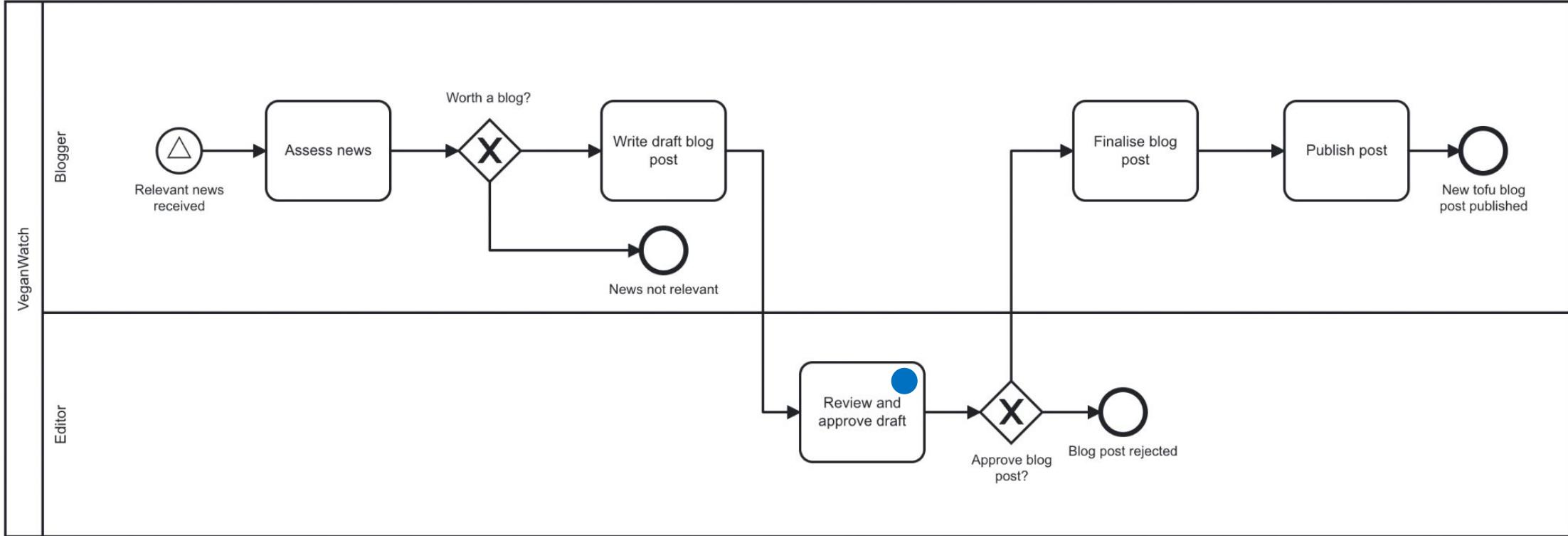
VeganWatch the independent food bloggers

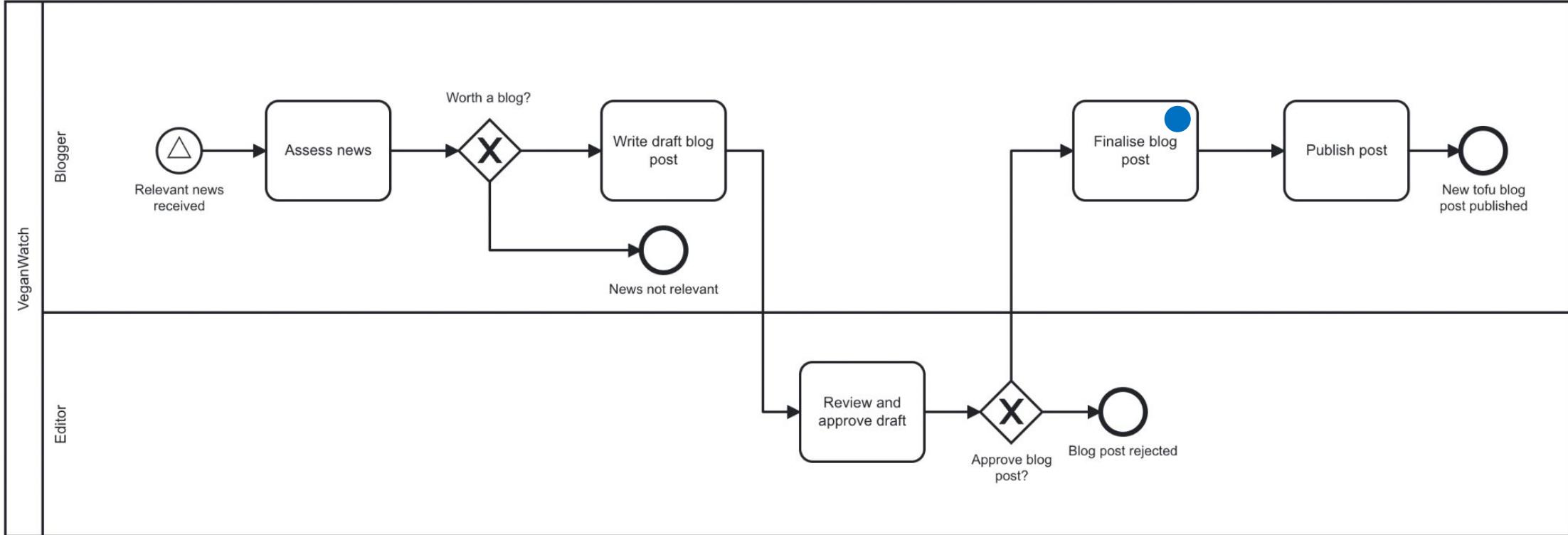
process camp

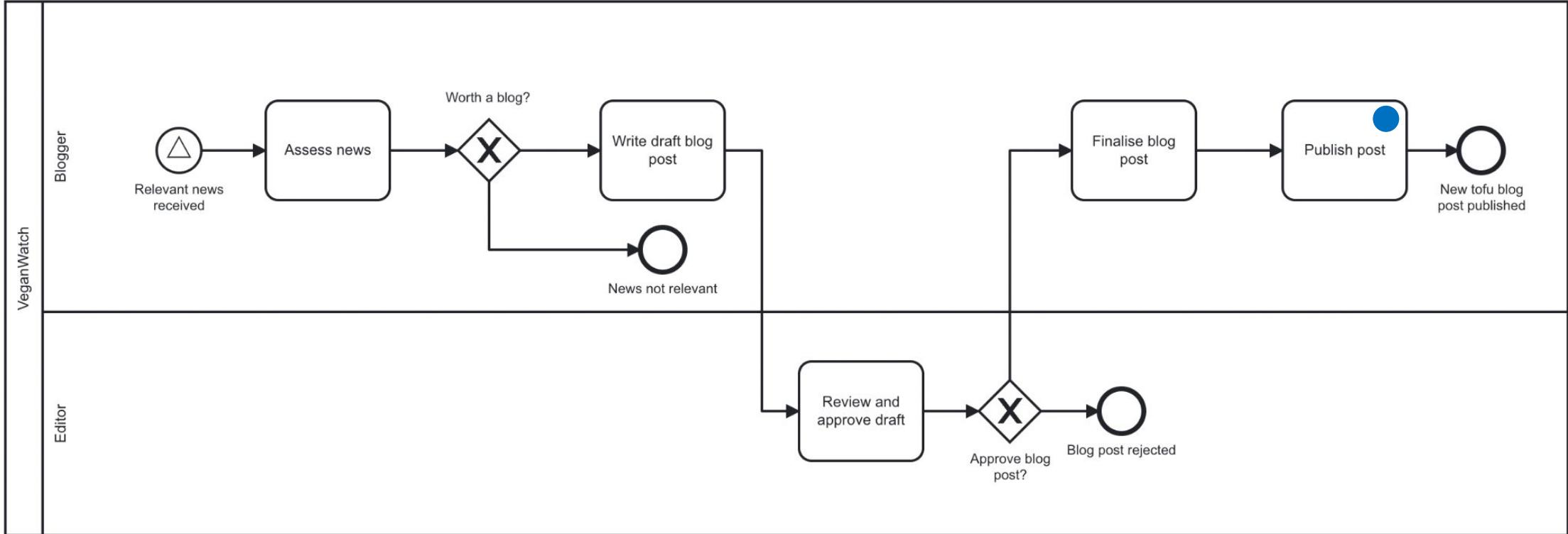


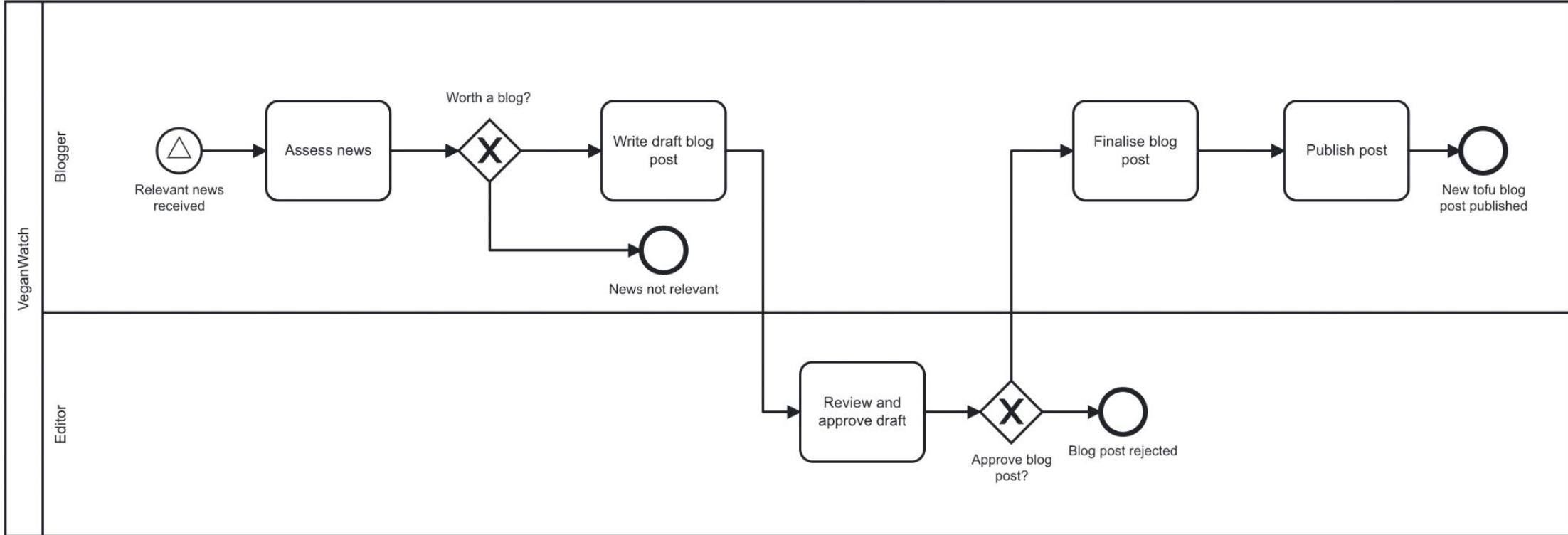


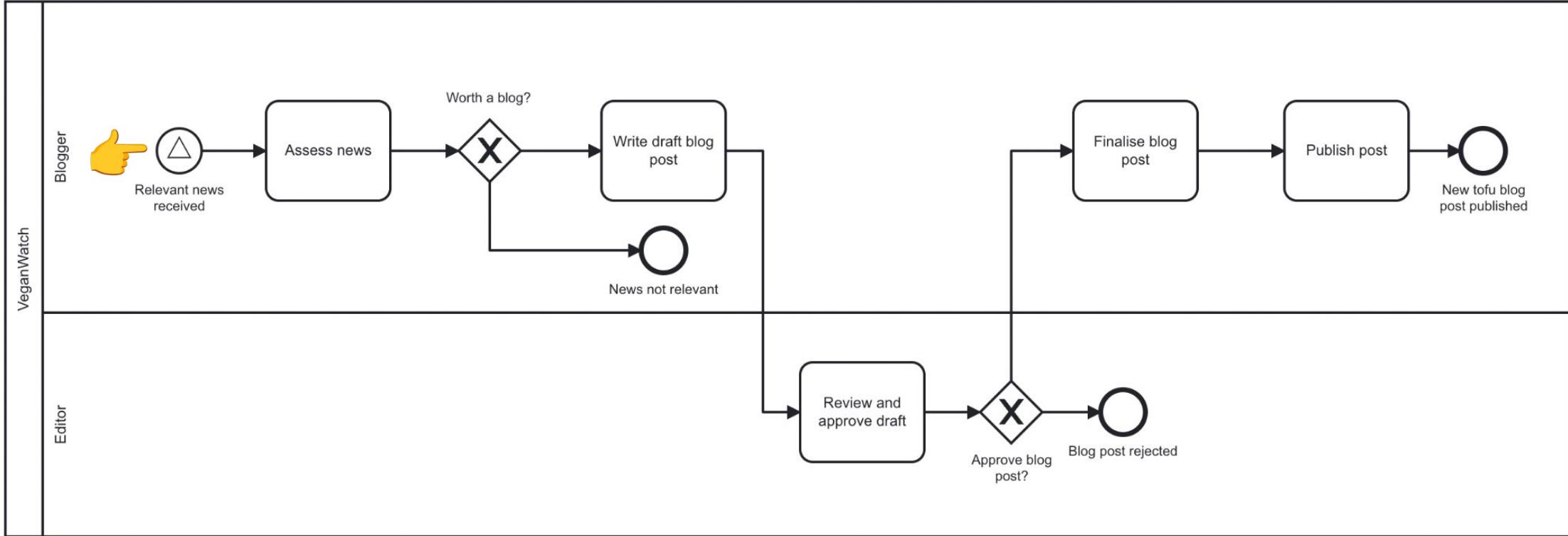


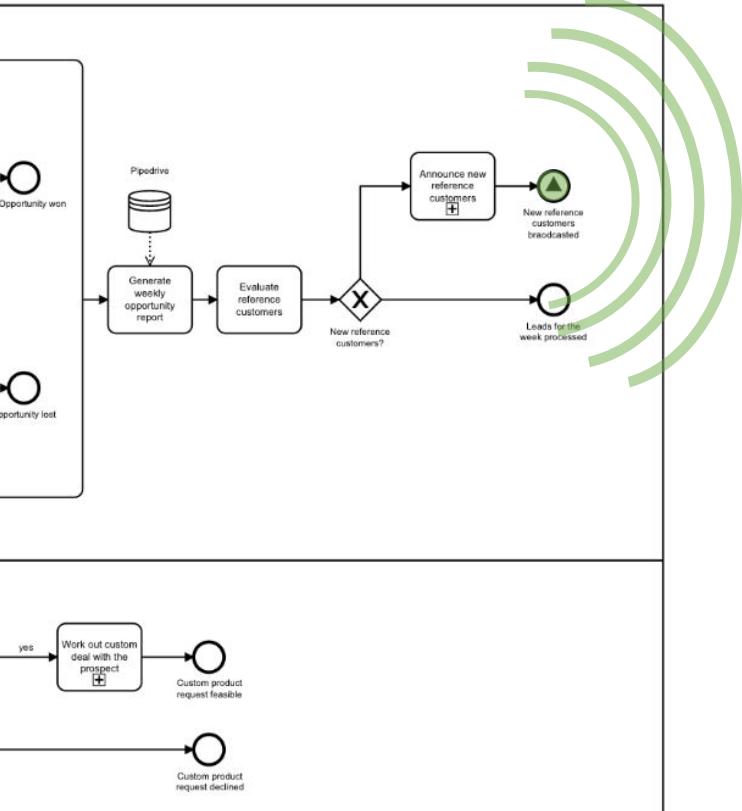


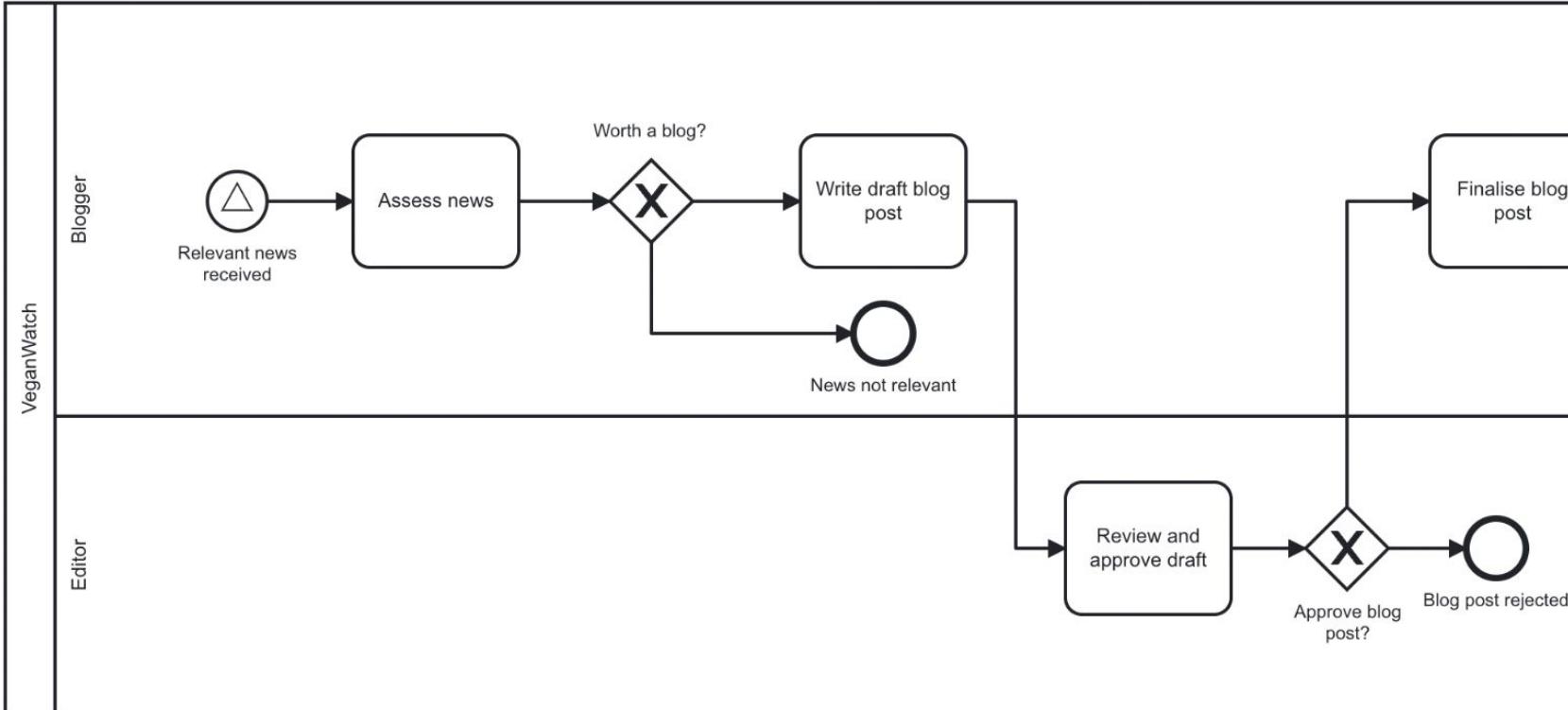
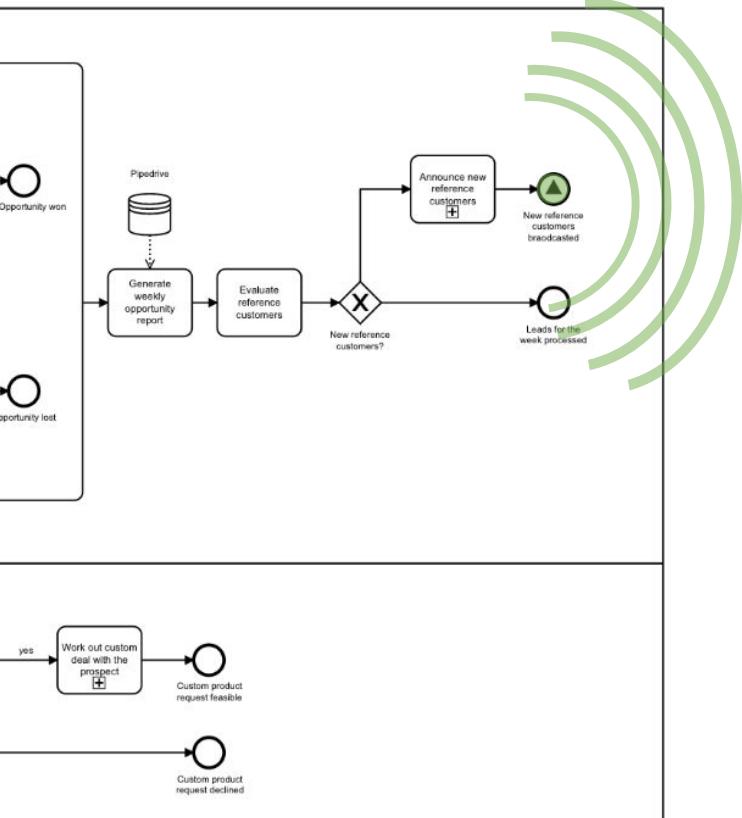


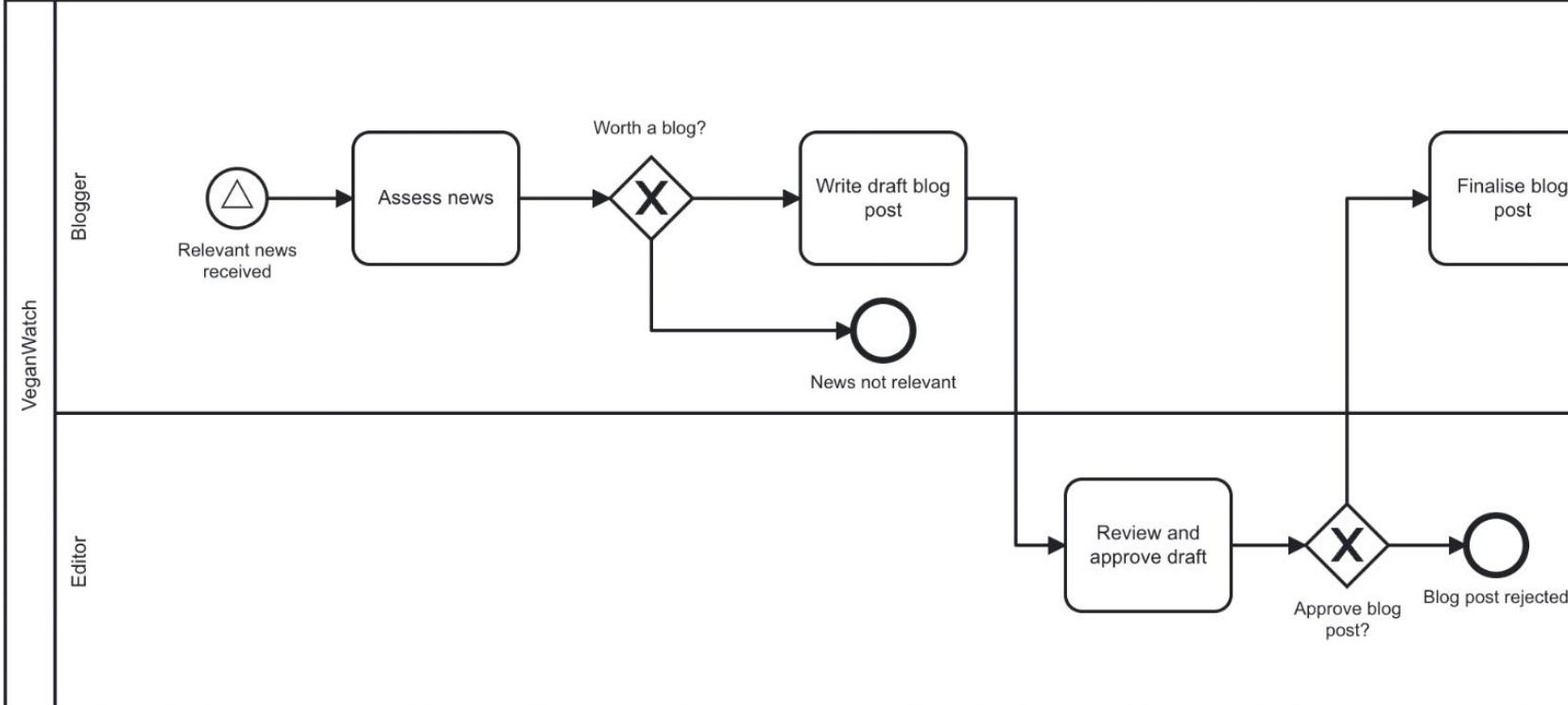
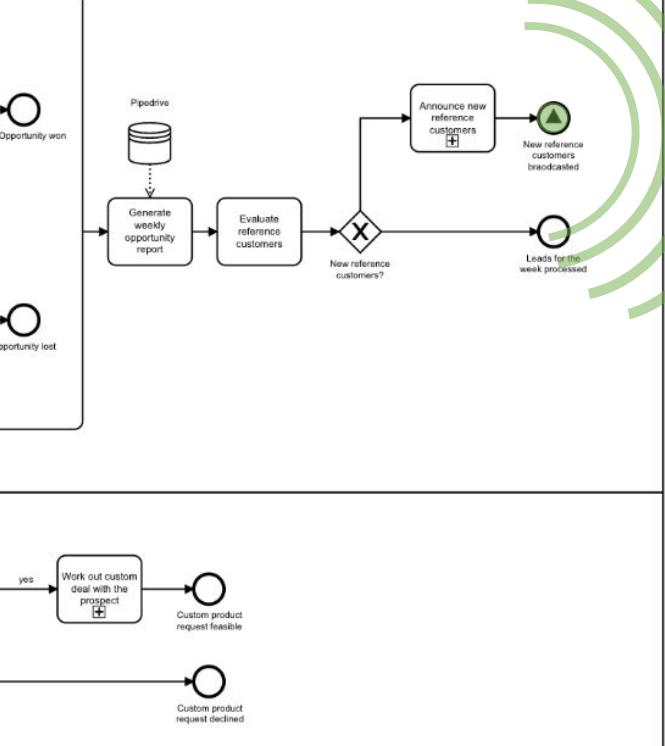




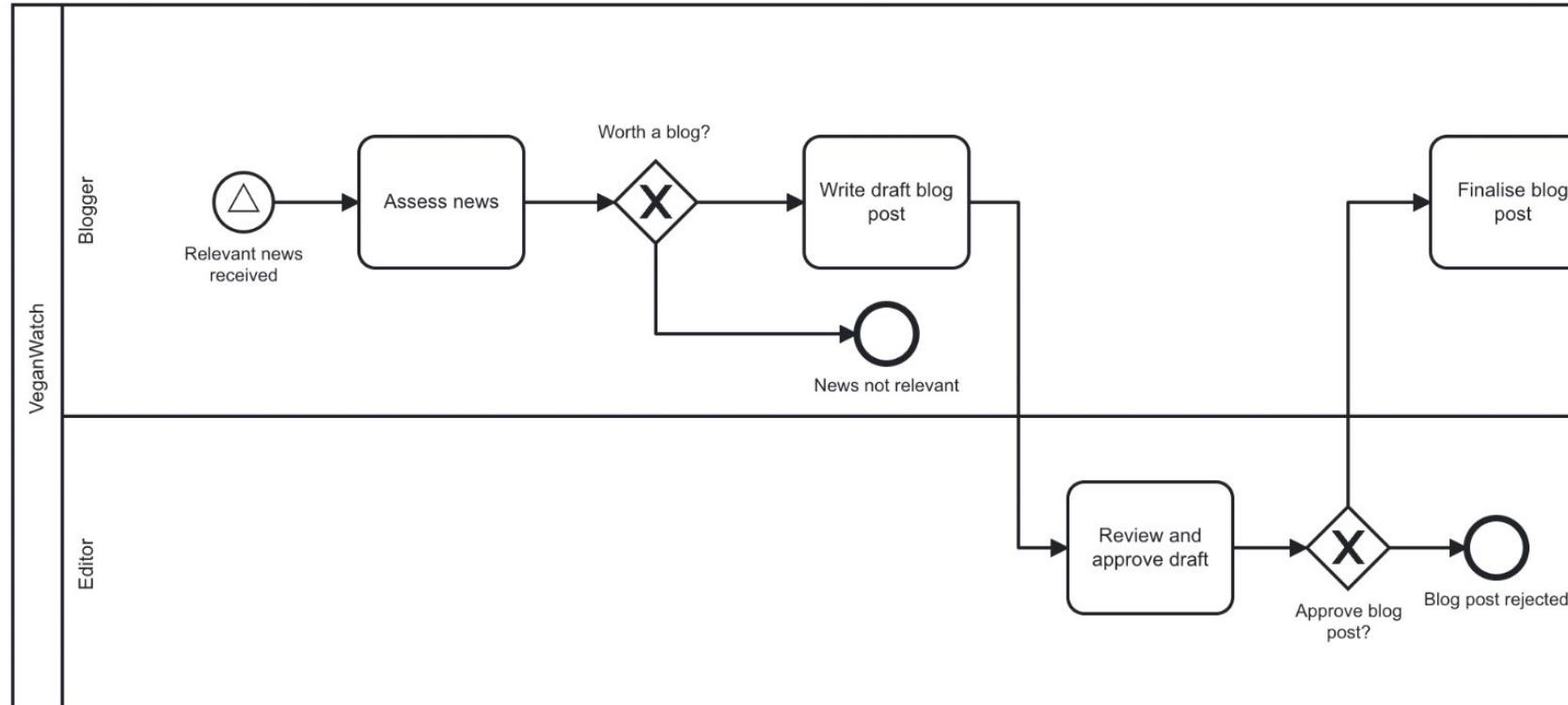
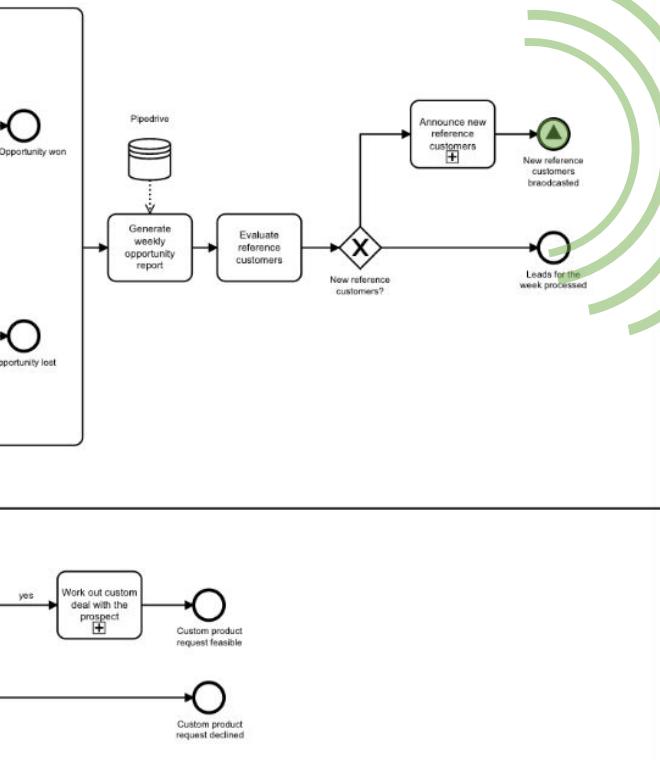




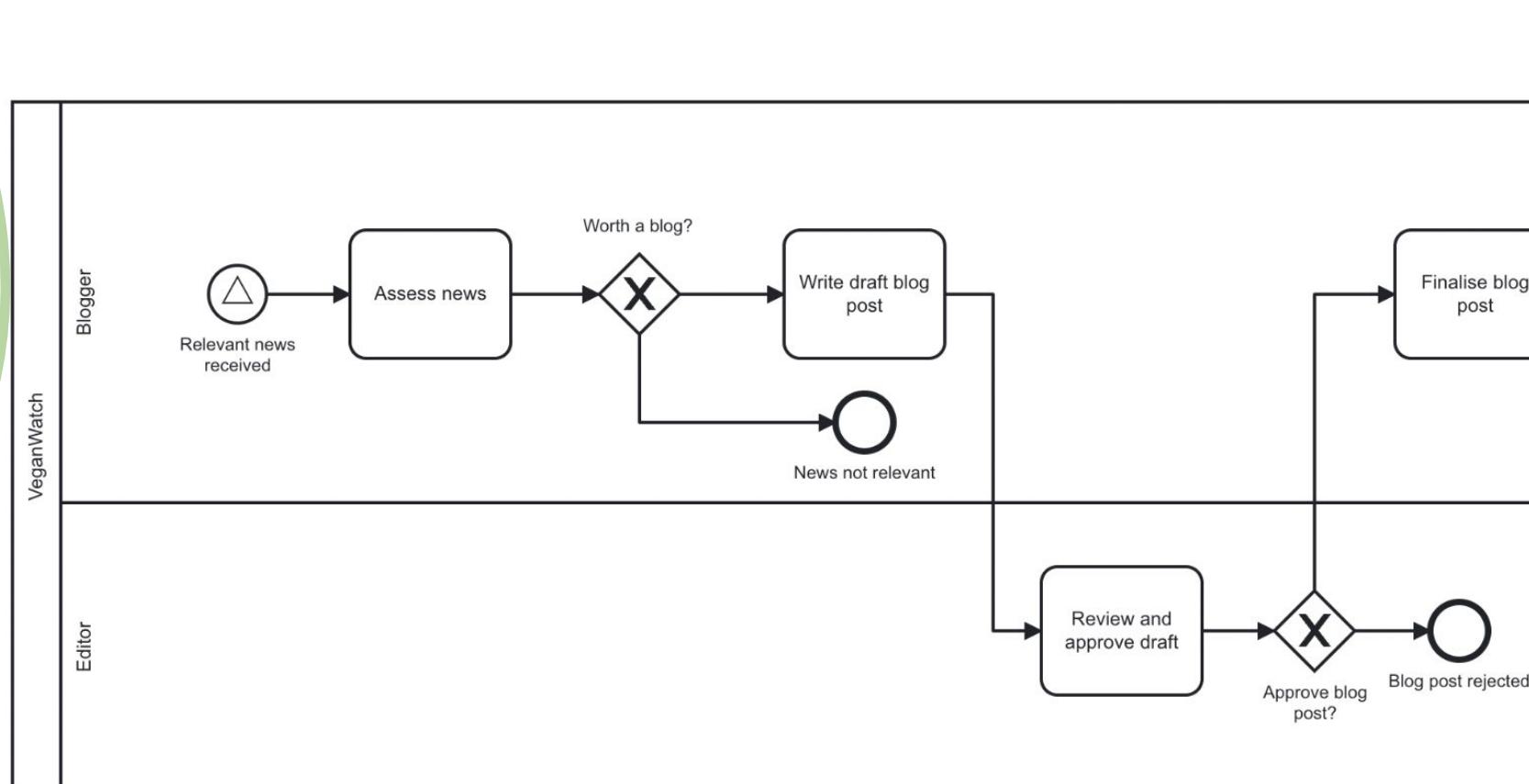
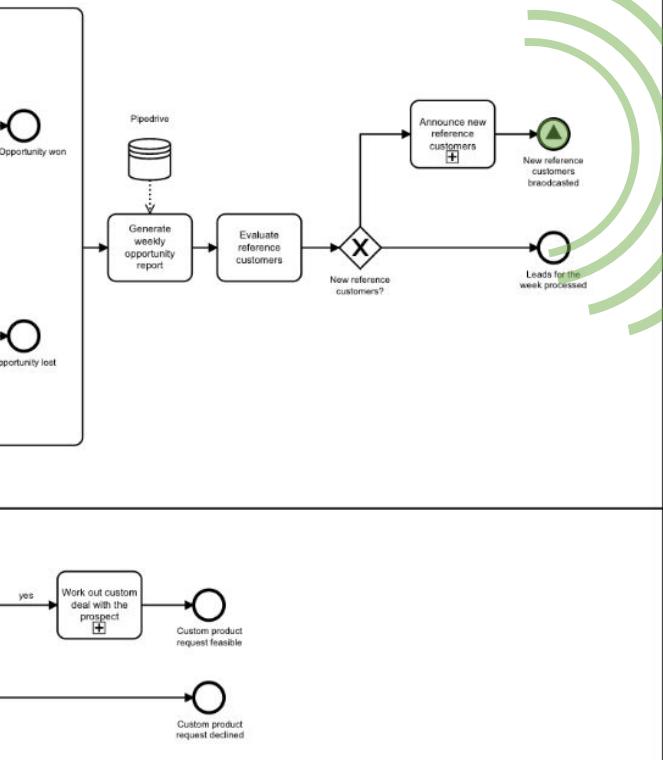




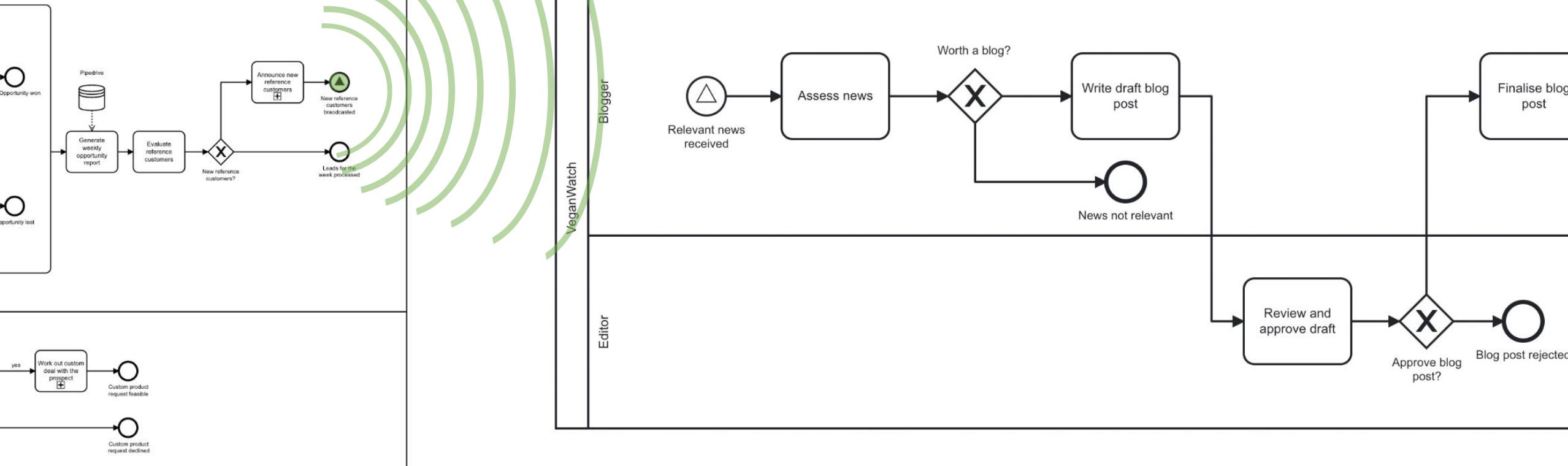
process camp

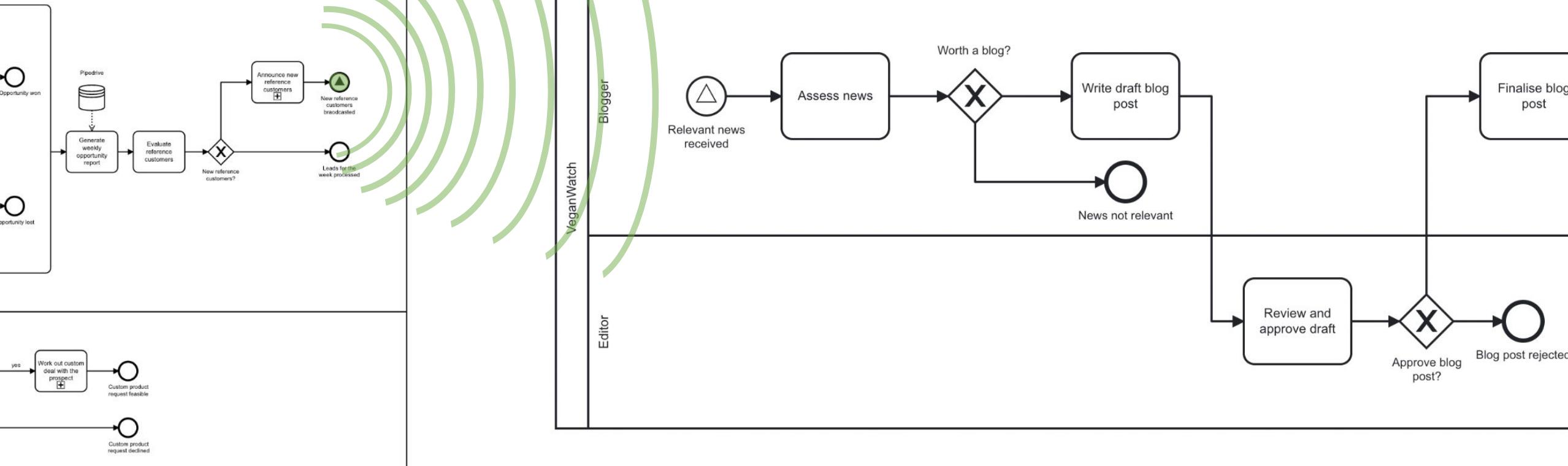


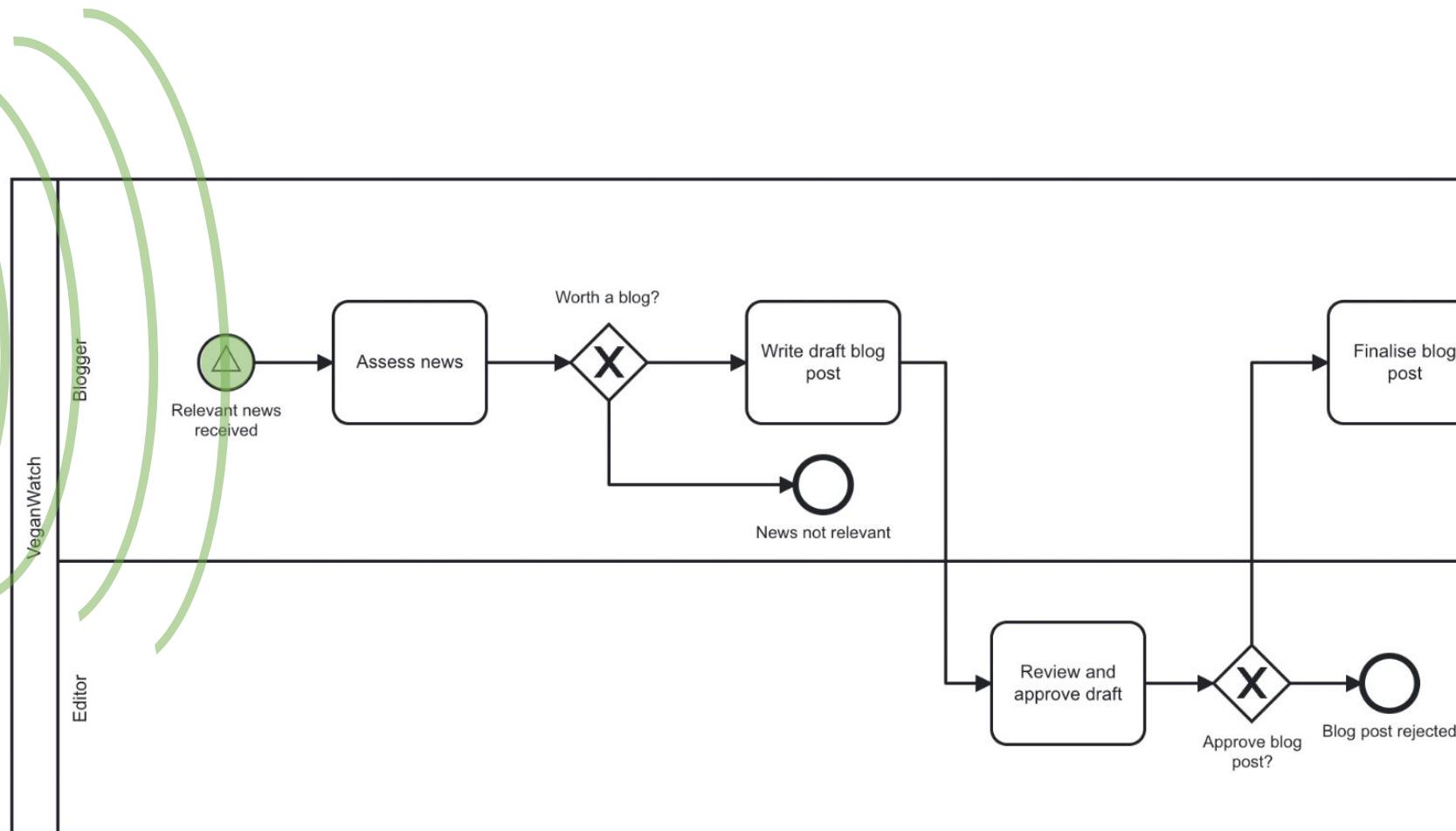
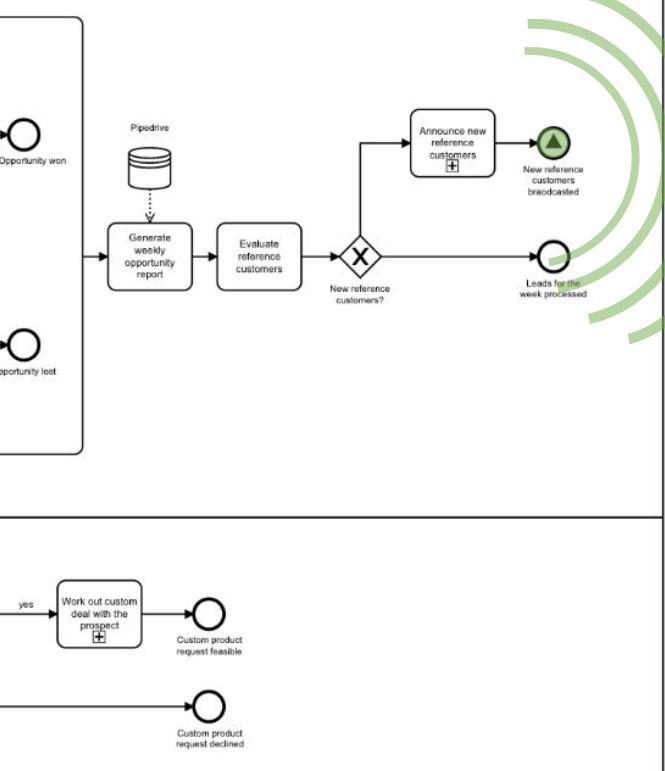
process camp



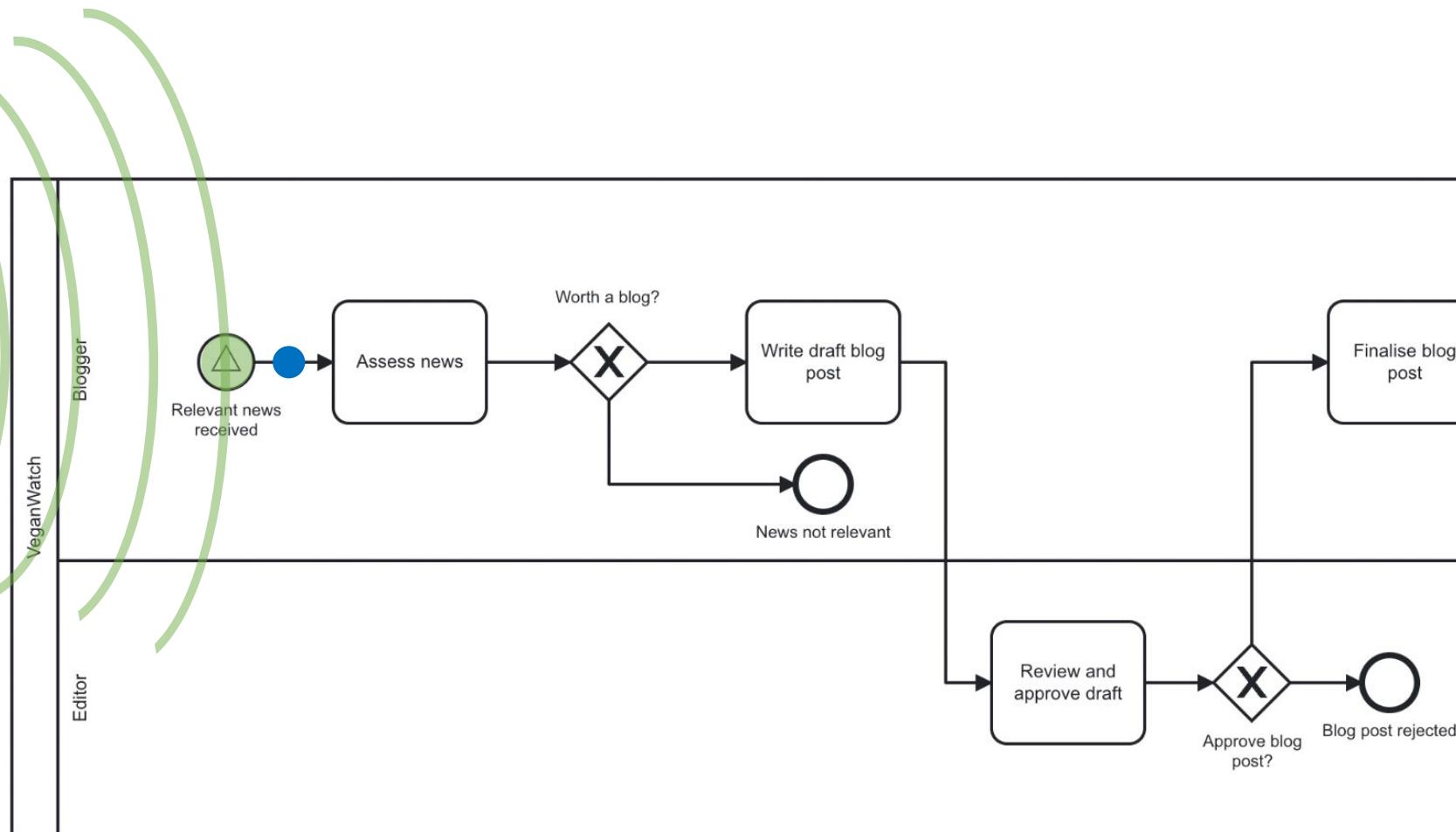
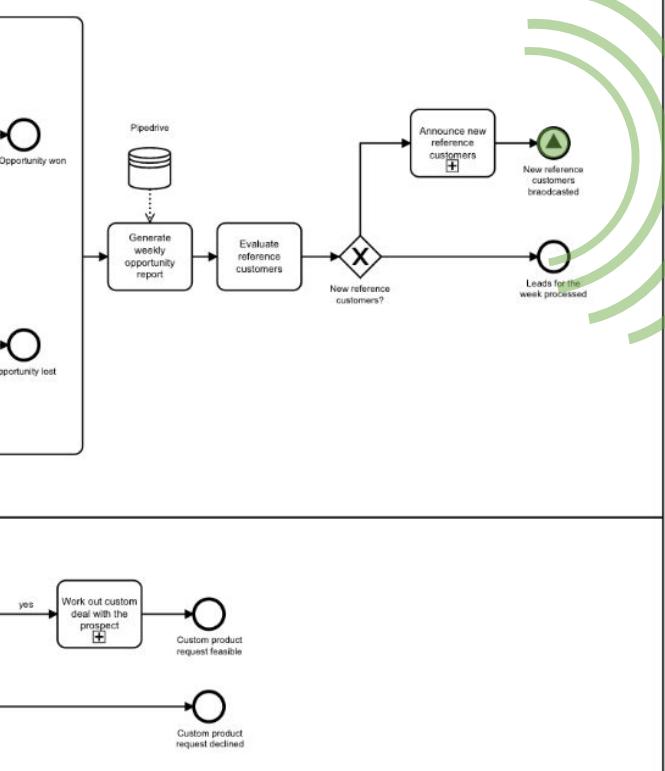
process camp







process camp



process camp

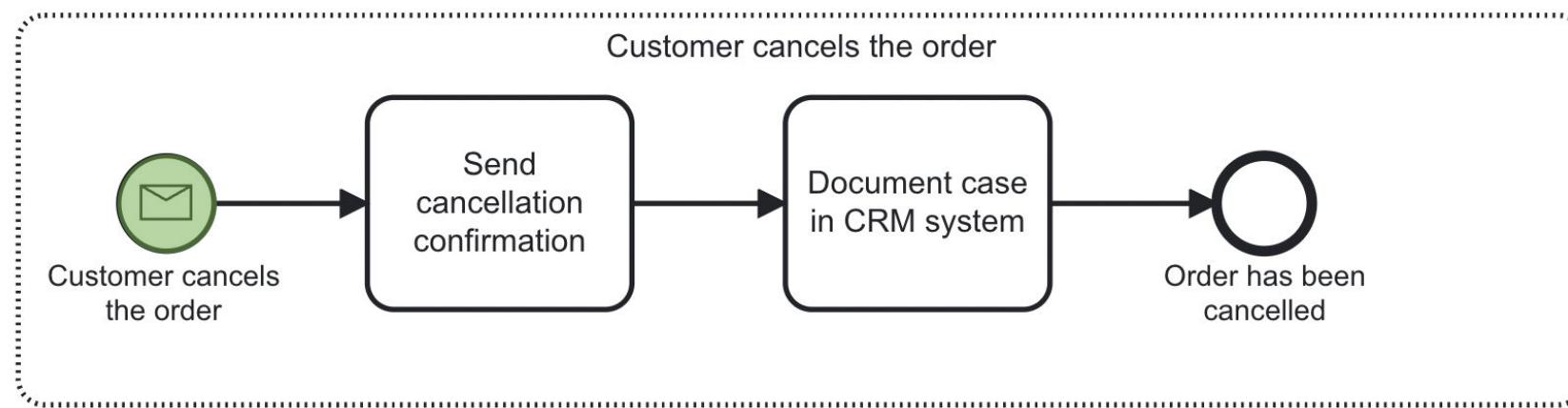
Start			Intermediate				End	
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
Signal								

Start			Intermediate				End	
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
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Start			Intermediate				End	
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
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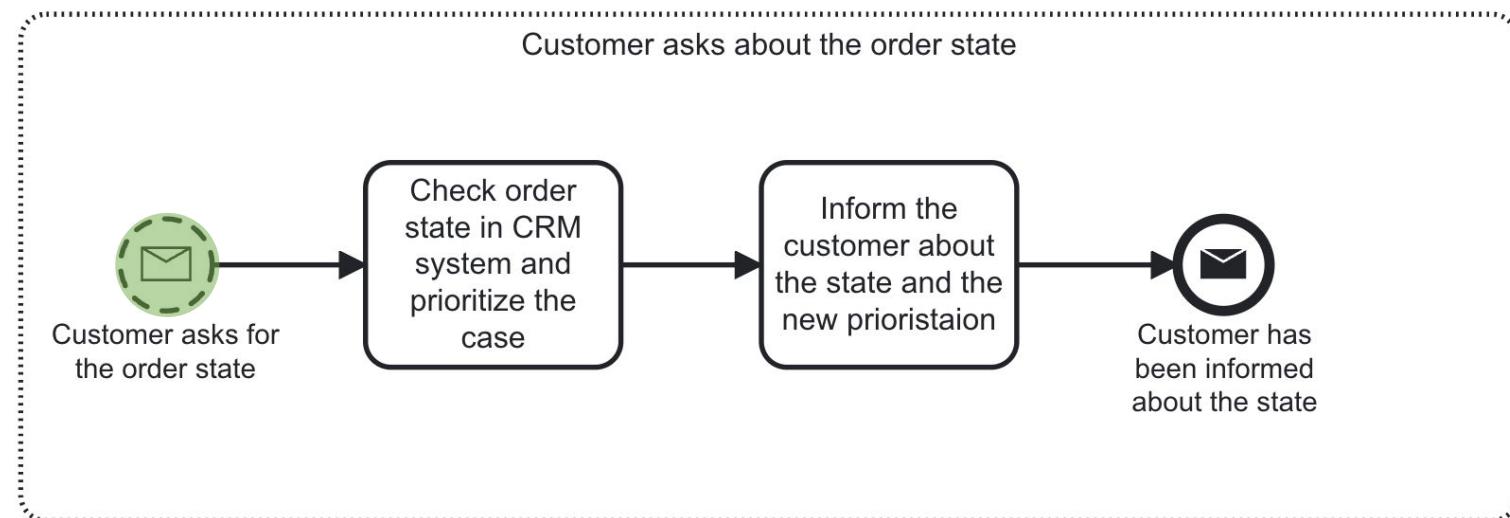
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Signal								

Start			Intermediate				End	
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
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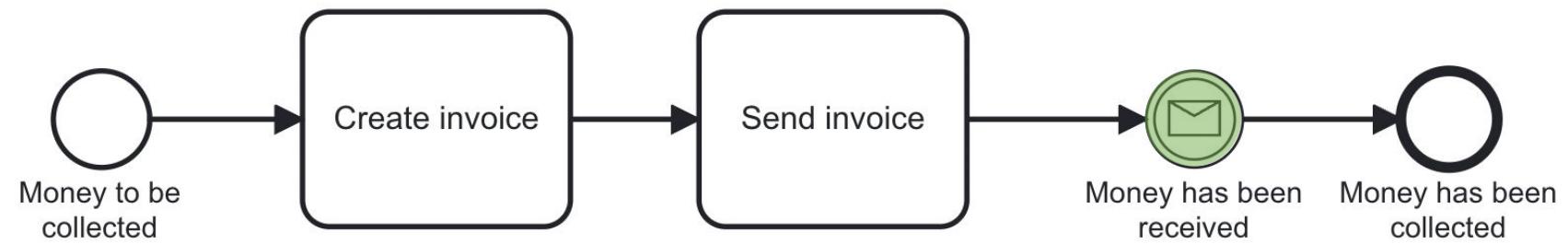
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Signal								

Start			Intermediate				End	
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
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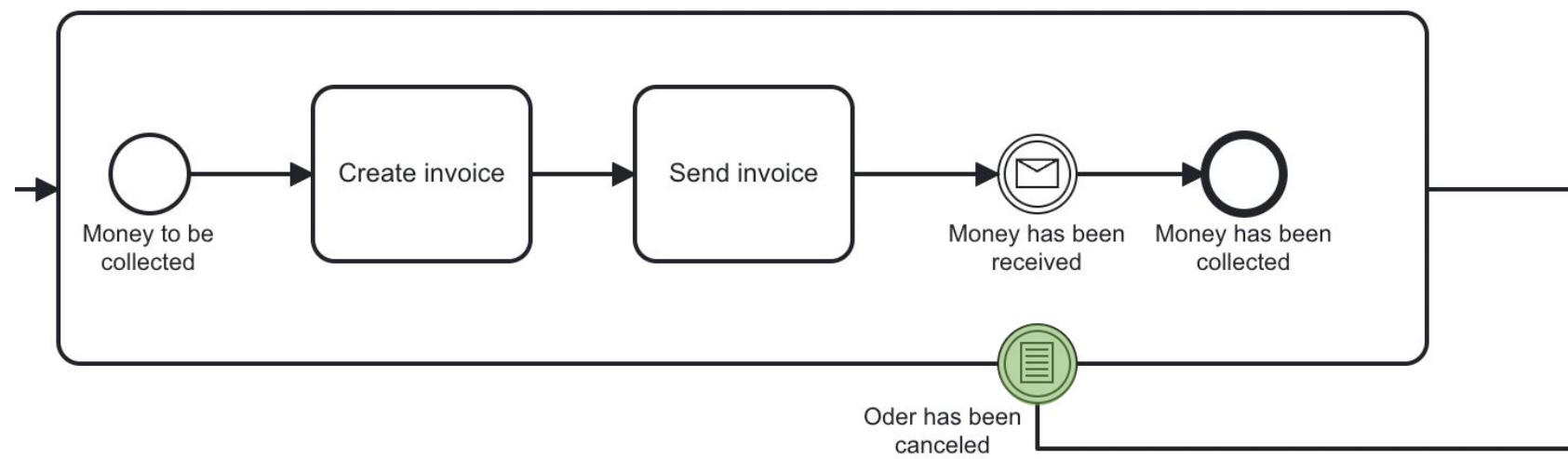
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Signal								

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Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
Signal								



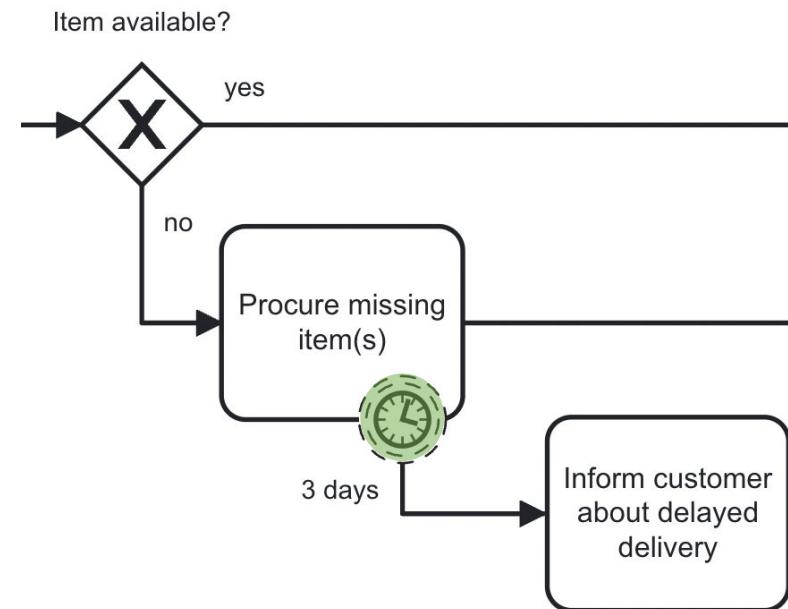
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Signal								

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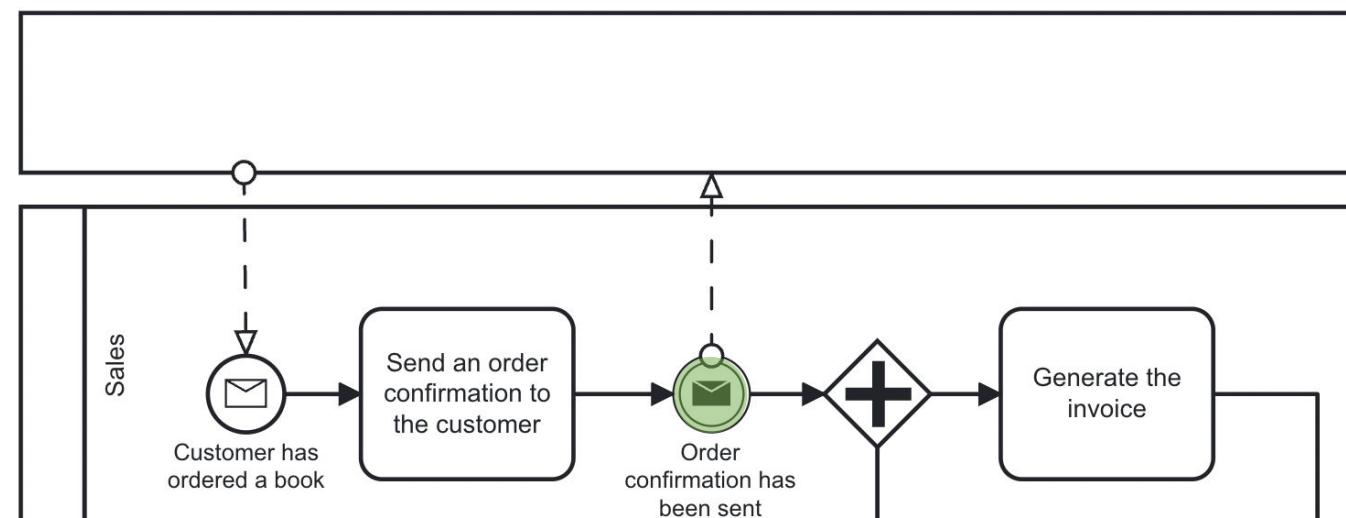
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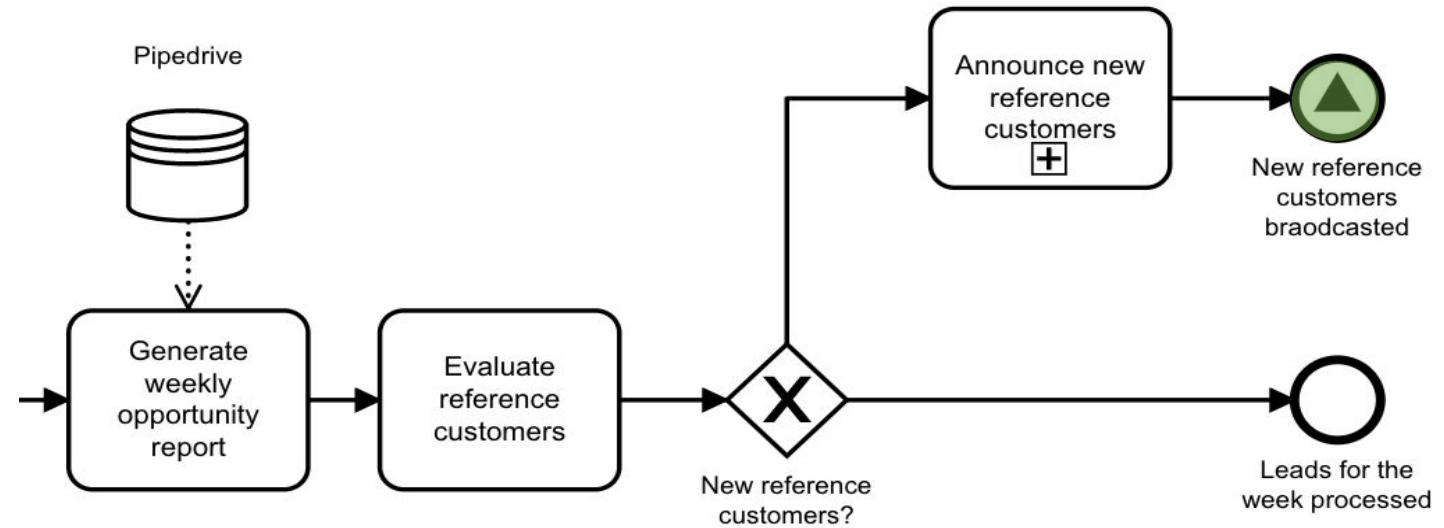
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Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal	
Signal								

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Signal								

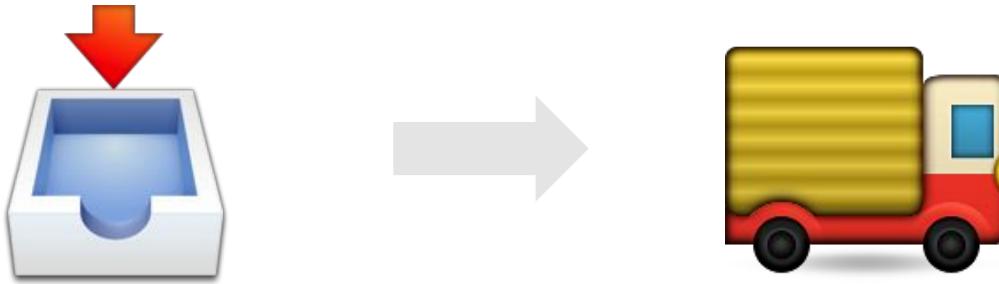
BPMN Theory

process camp

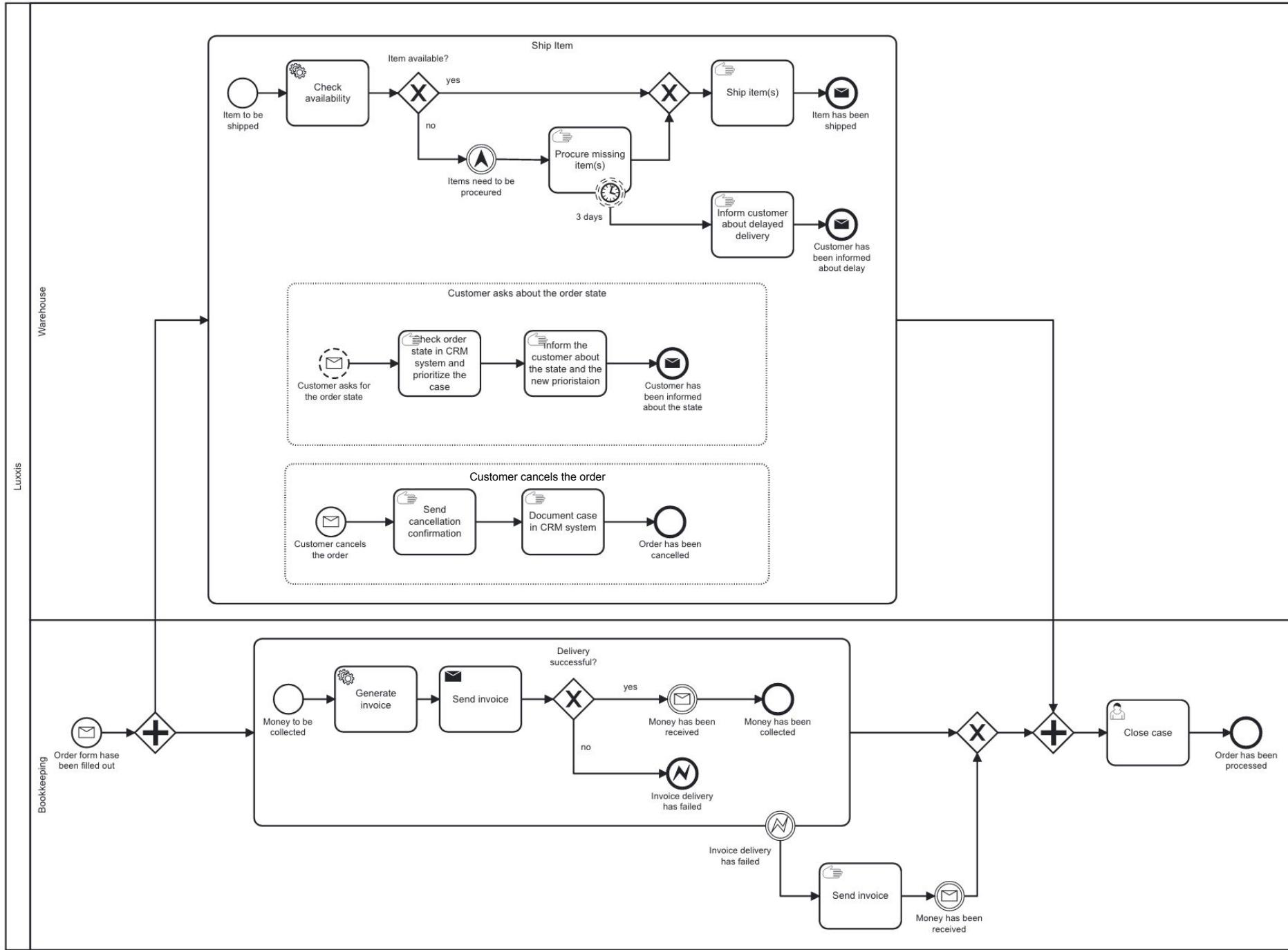
Error Event

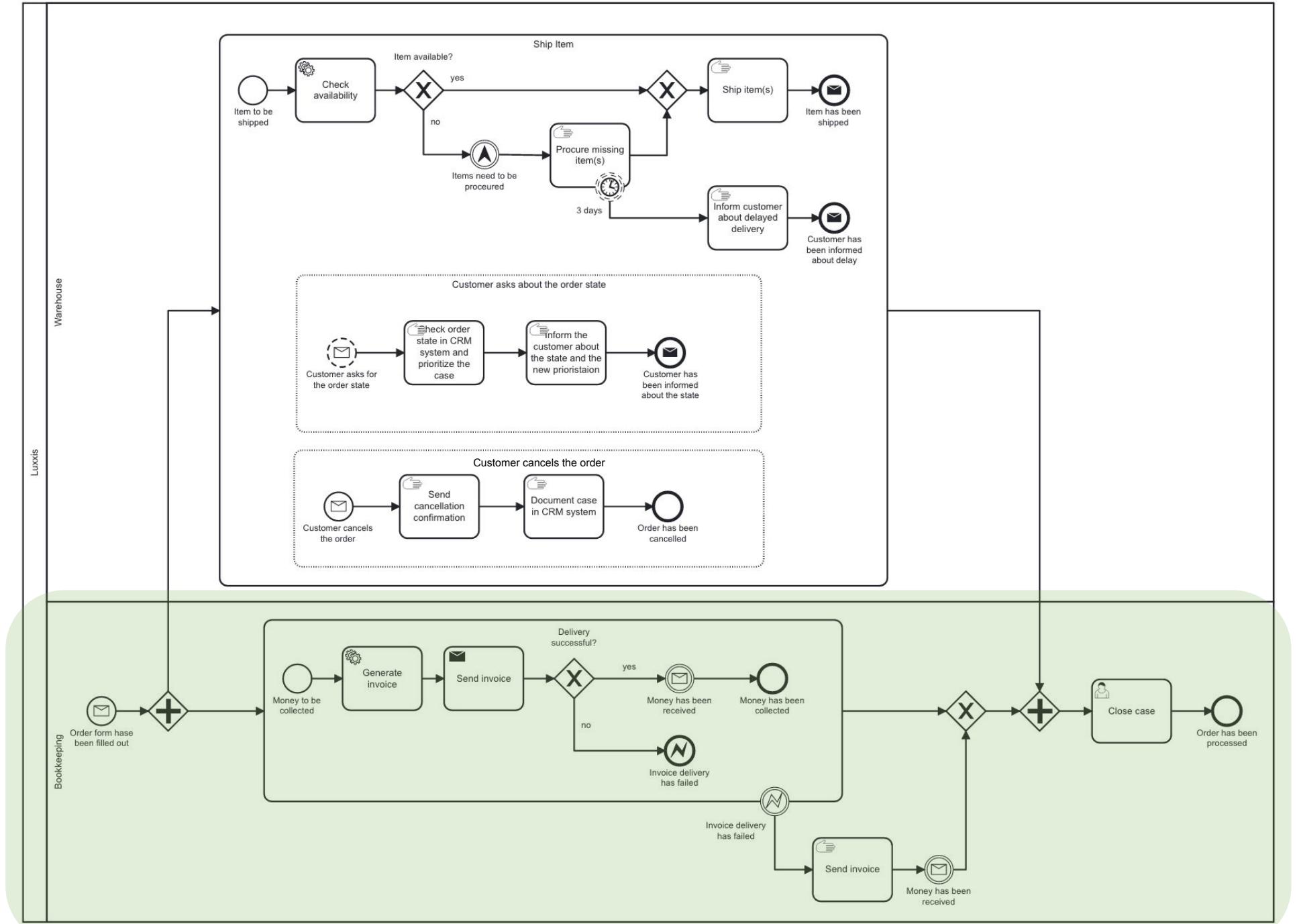


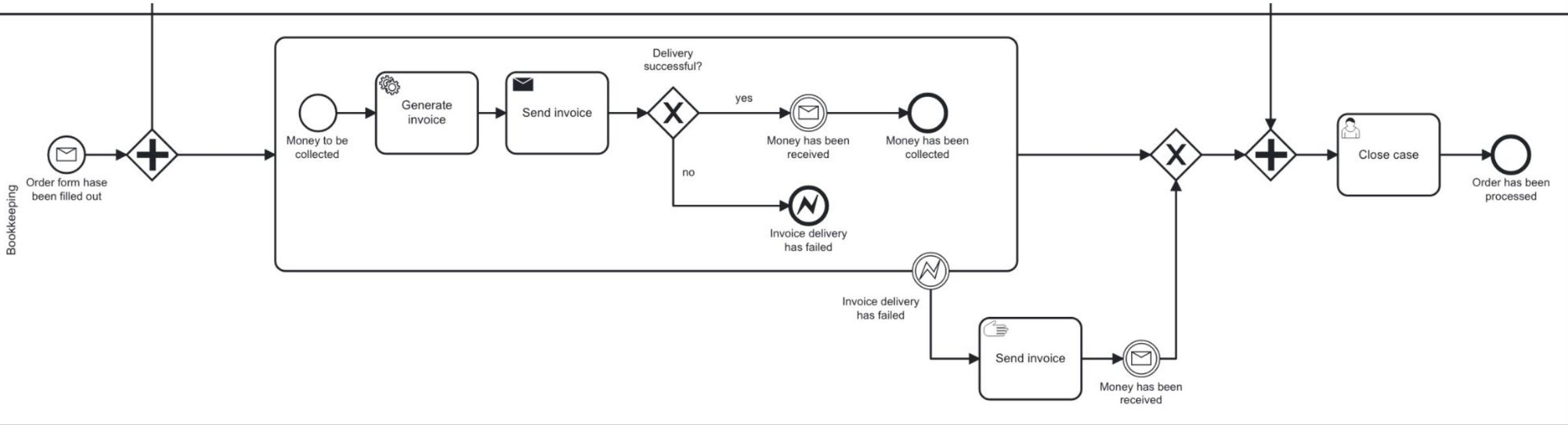
- Is triggered by a defined technical error
- The Start Error Event can only be used to trigger an Event Sub-Process

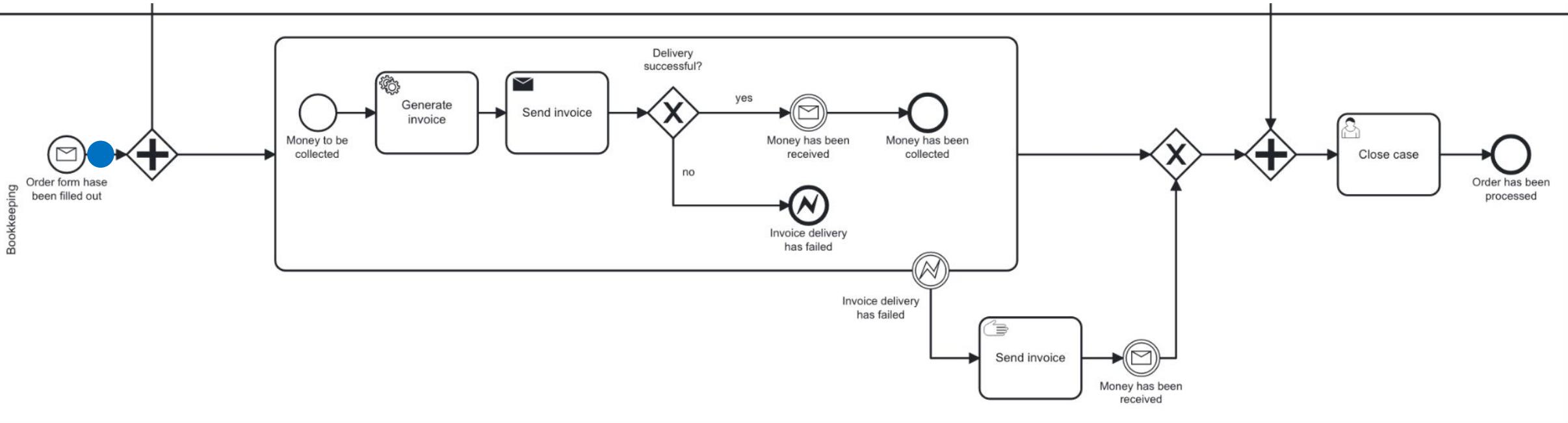


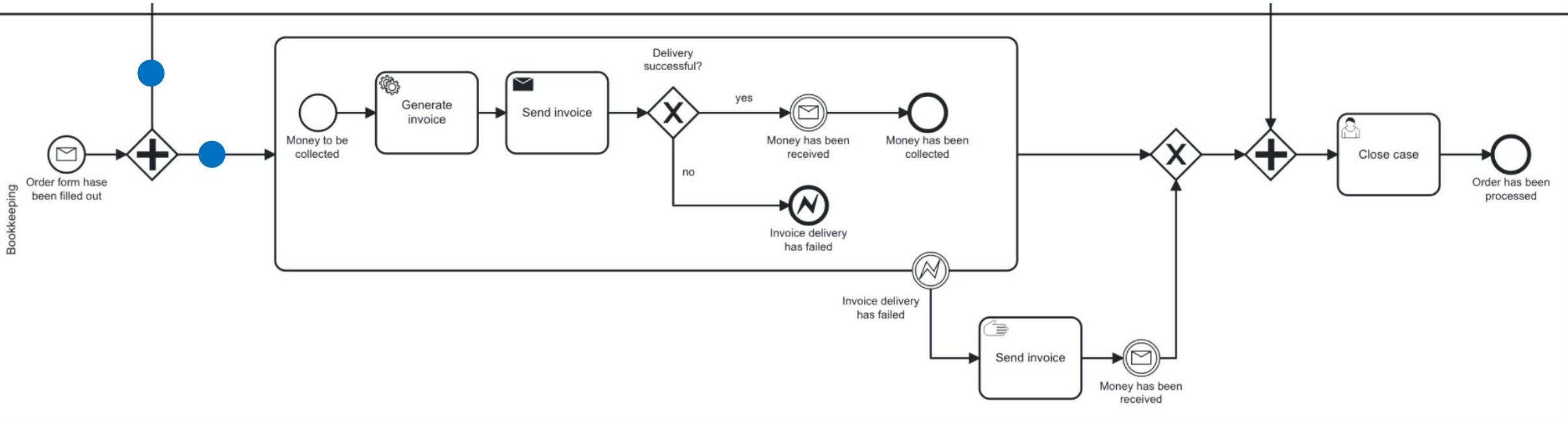
Back to Luxxis! The Manager is keen on
automating the Order Process

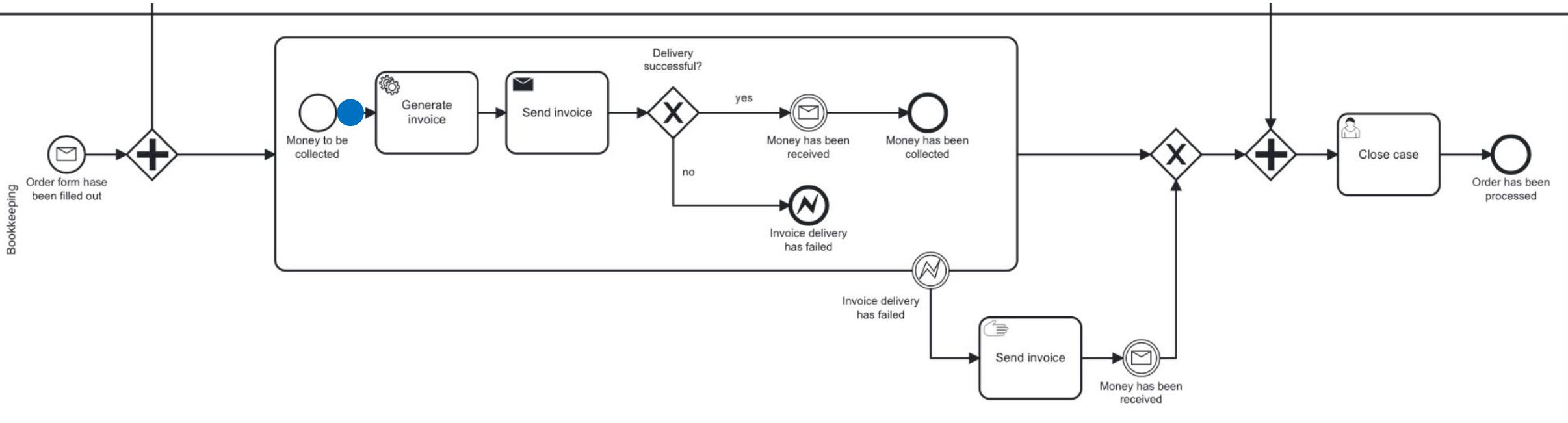


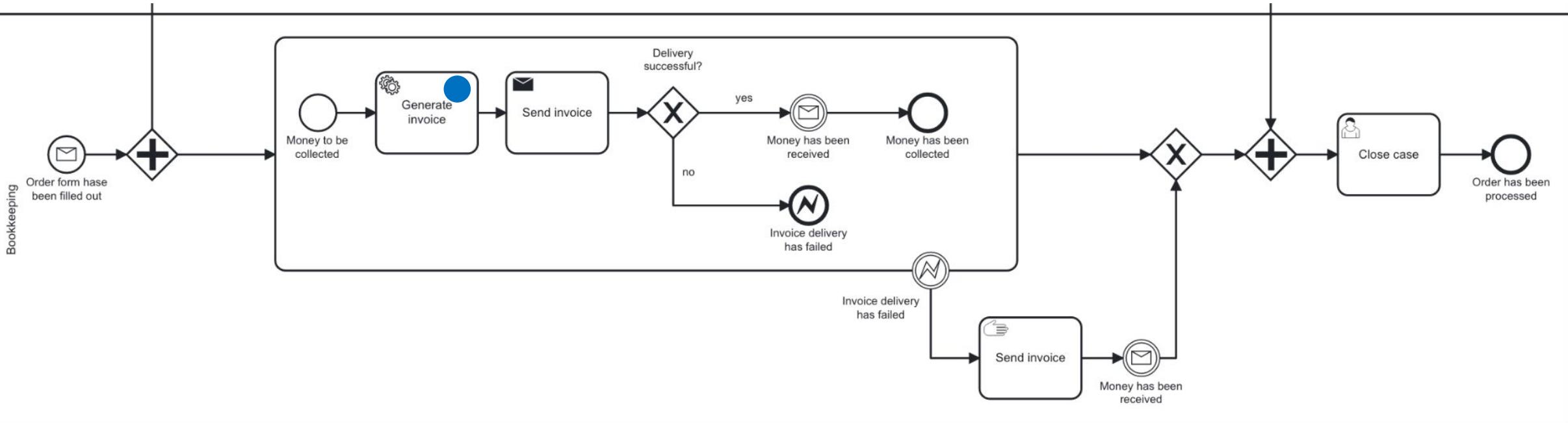


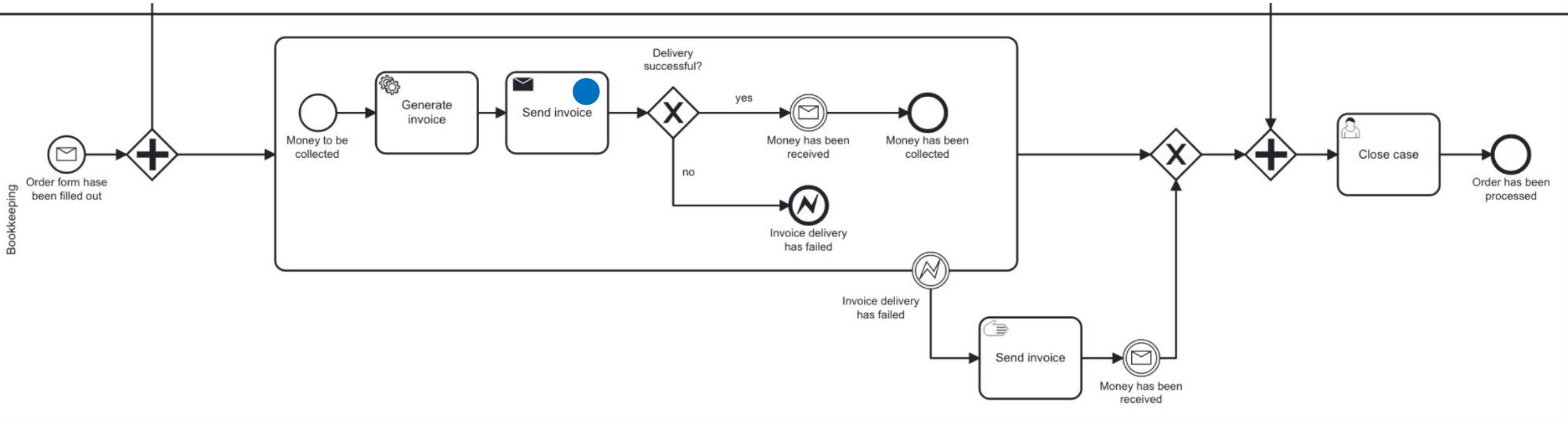


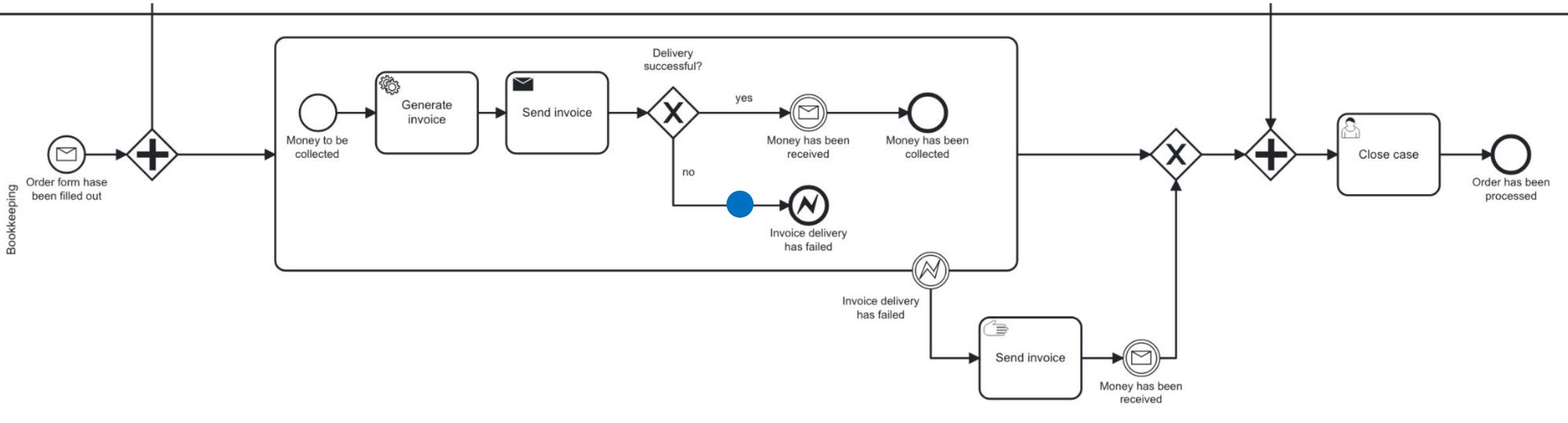


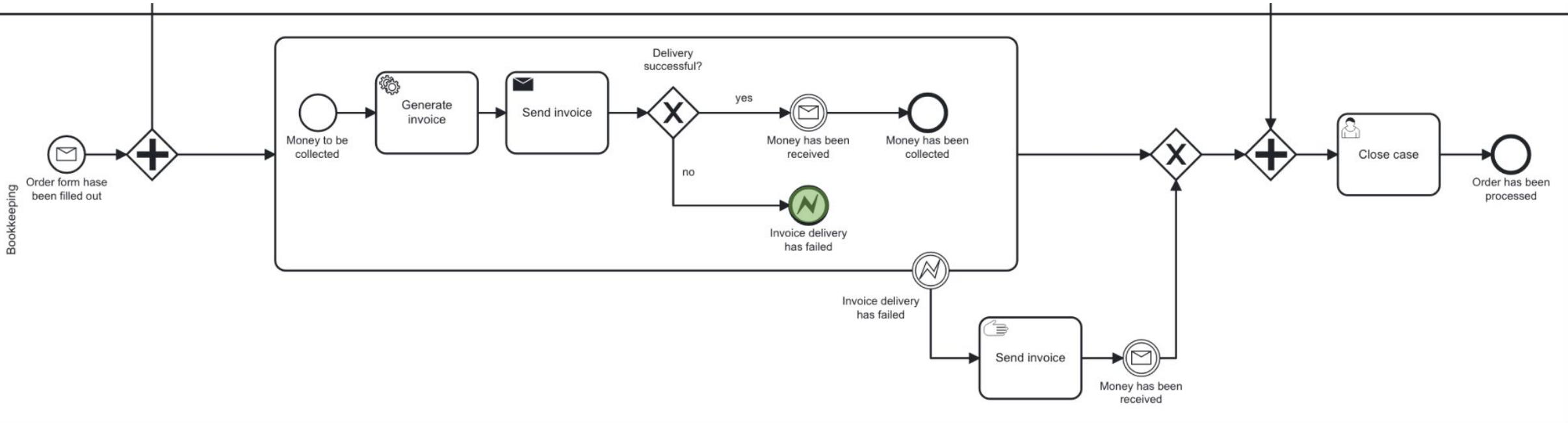


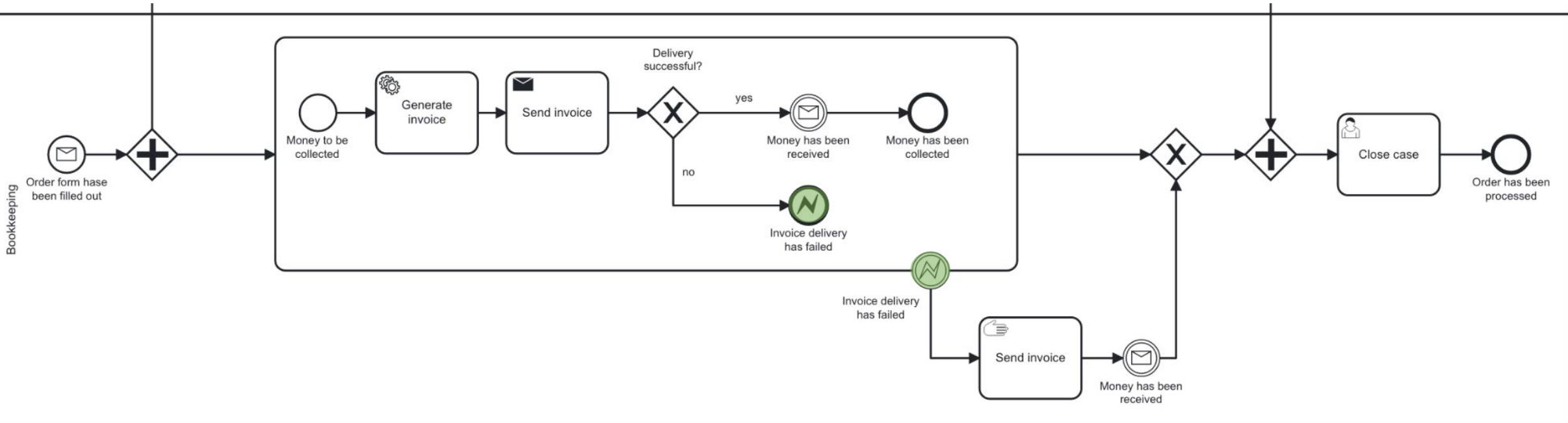


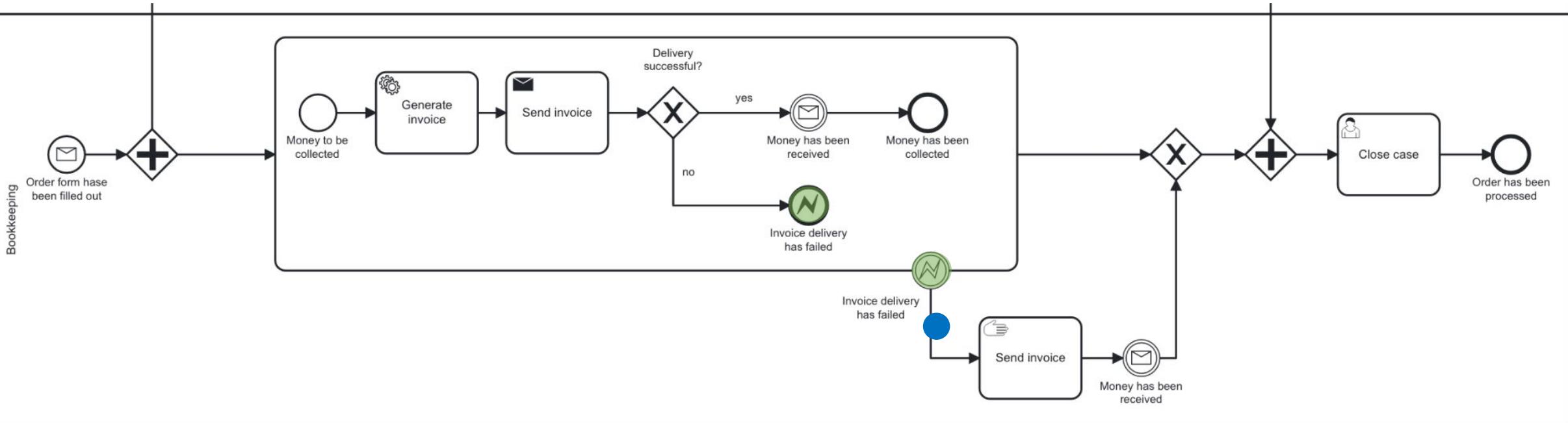


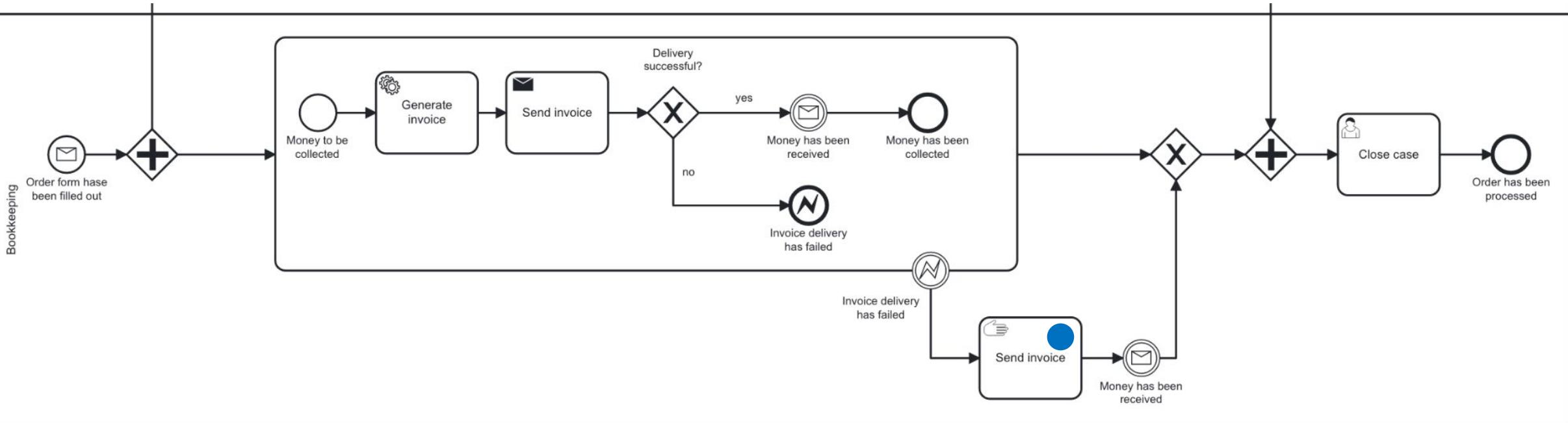


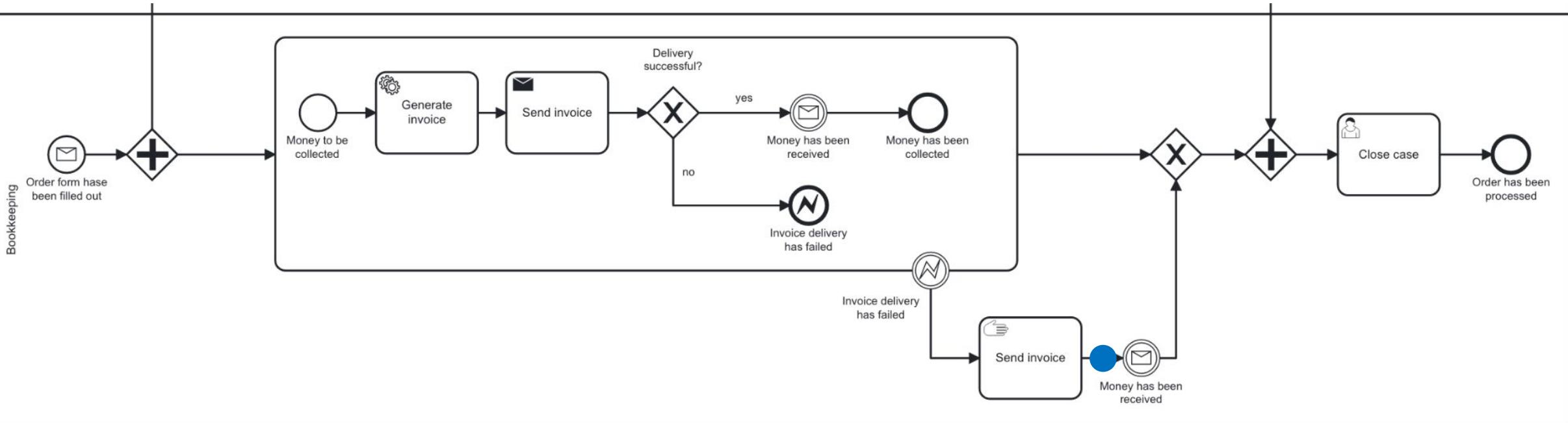


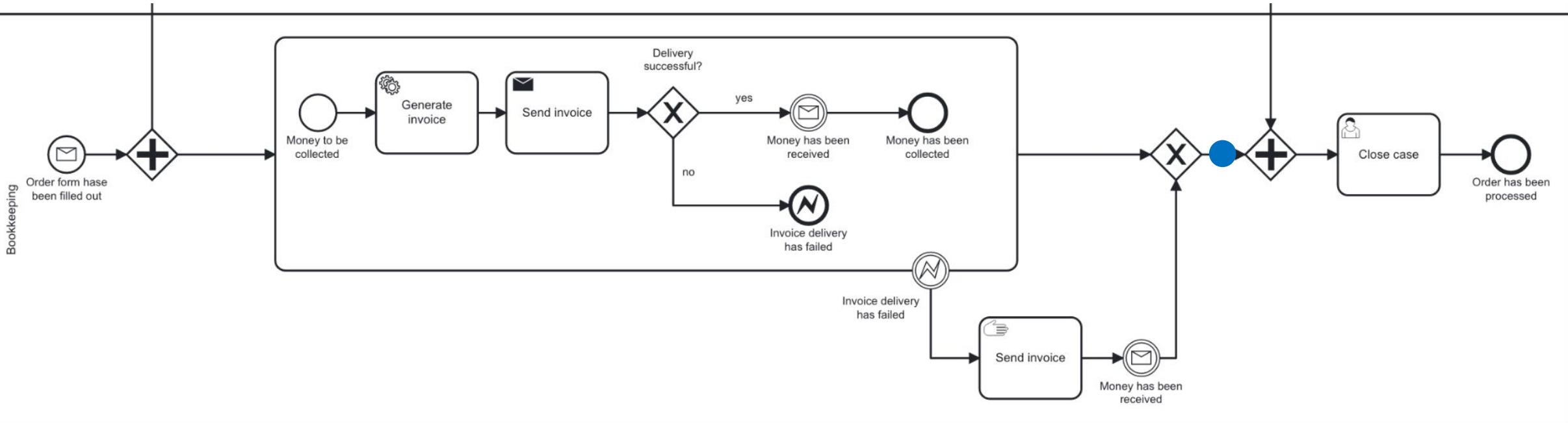


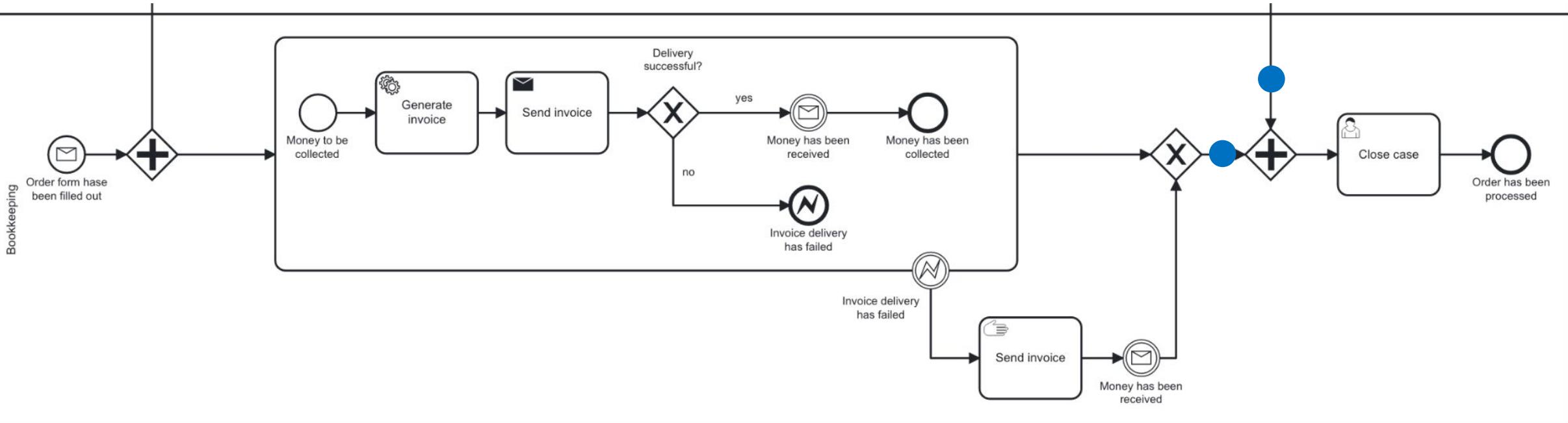


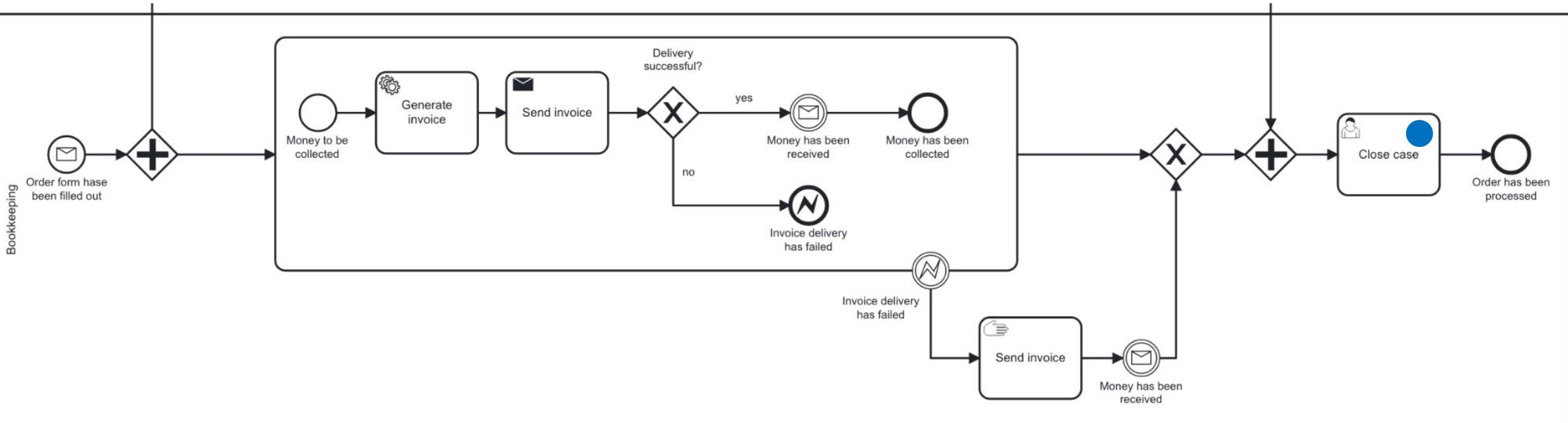












Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
Signal							
Error							
Escalat.							
Termin.							
Compen.							
Cancel							
Multi							
Multi Prll.							

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
Signal							
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Termin.							
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Termin.							
Compen.							
Cancel							
Multi							
Multi Prll.							

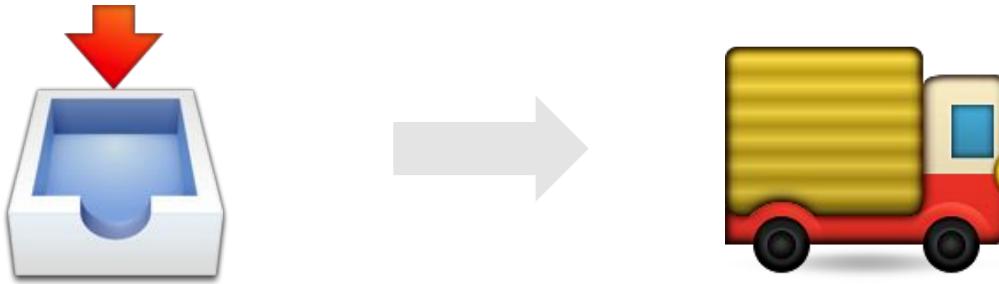
BPMN Theory

process camp

Escalation Event

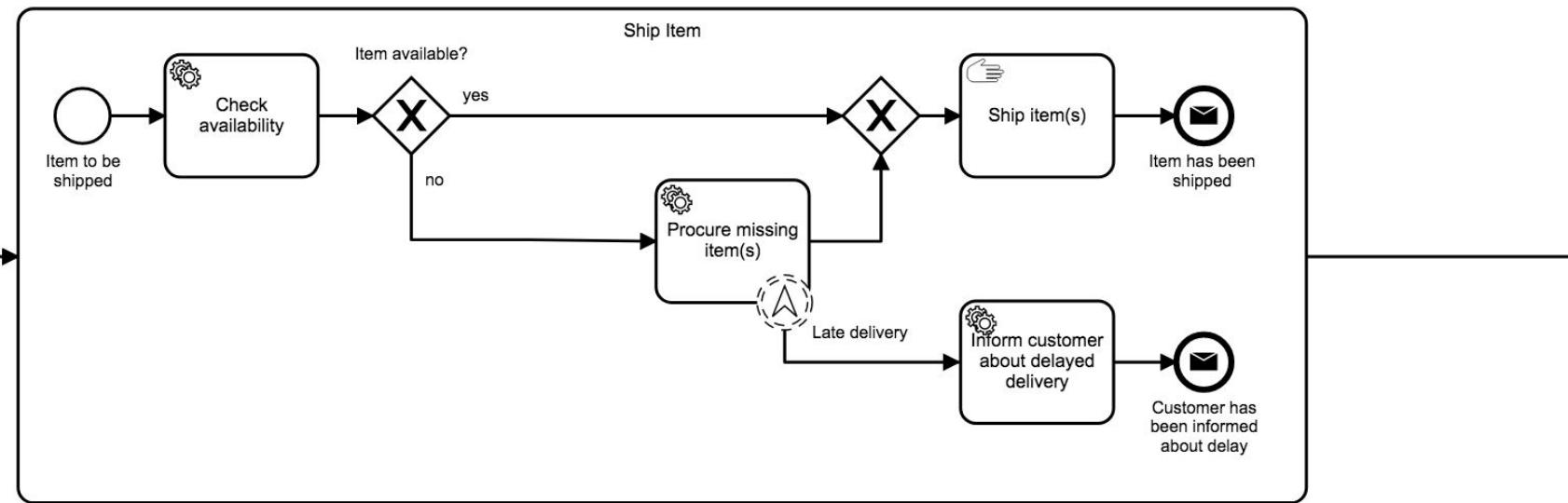


- Triggers an escalation
- Useful to activate follow up tasks in escalation situations



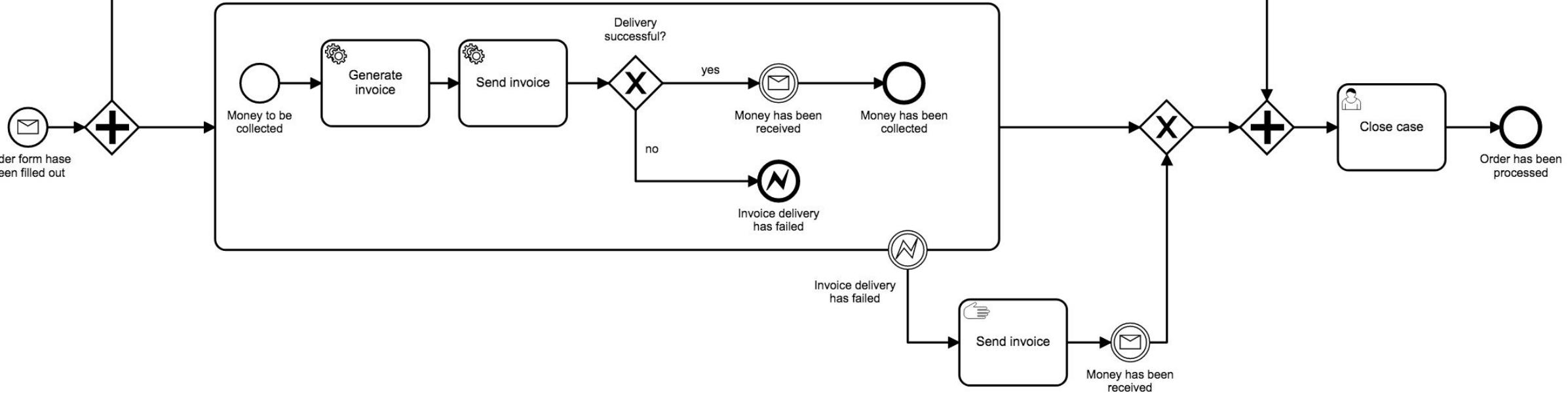
Now it's time for the warehouse to
automate!

Warehouse

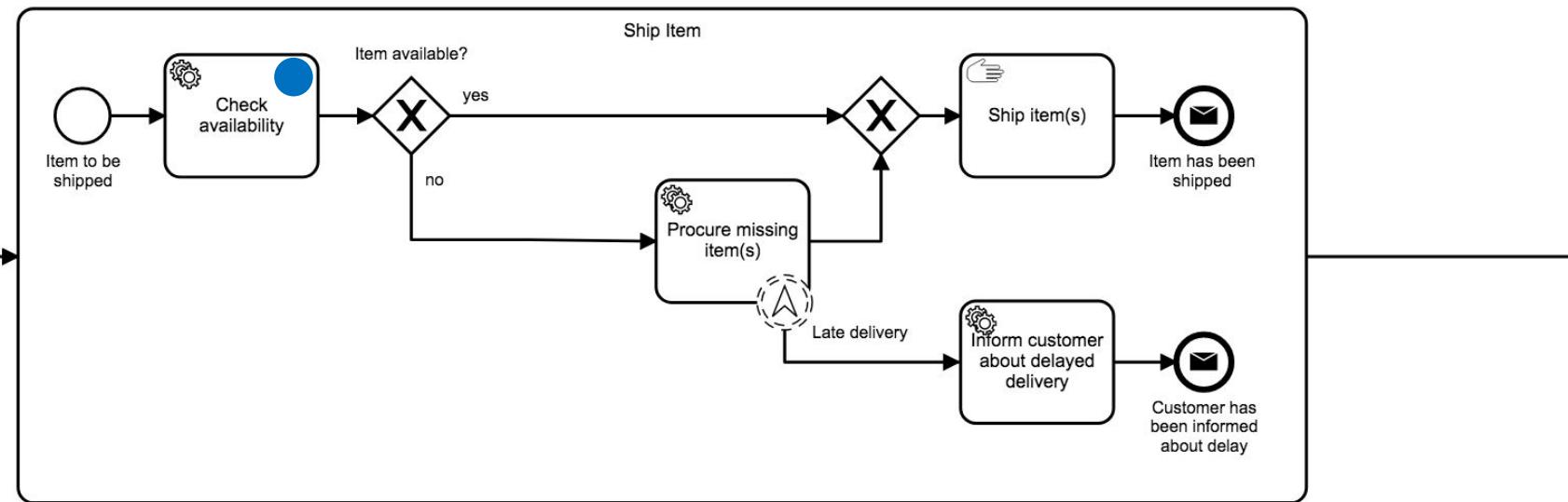


Luxxix

Bookkeeping

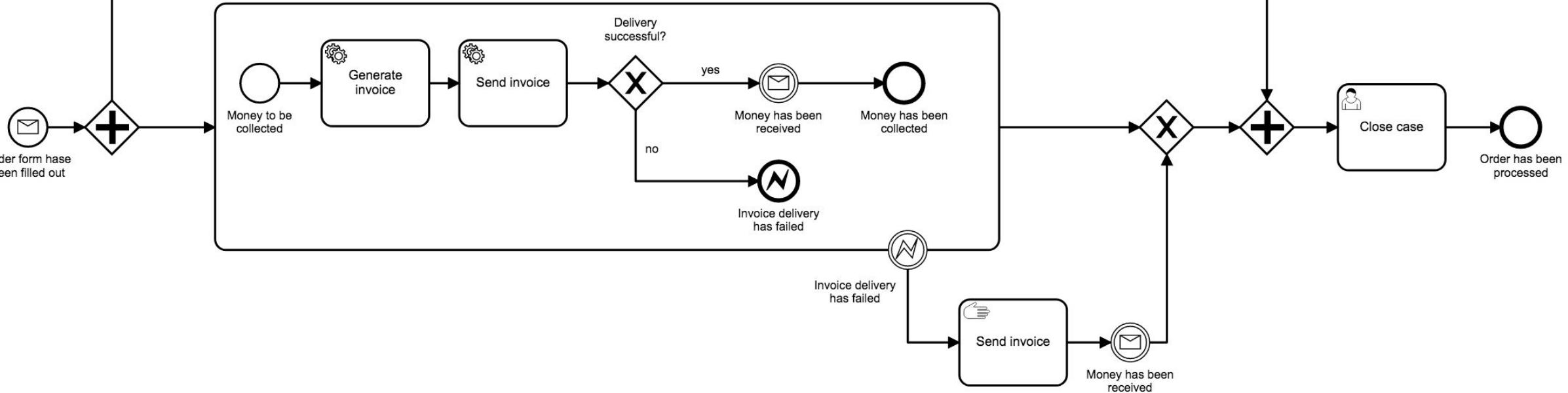


Warehouse

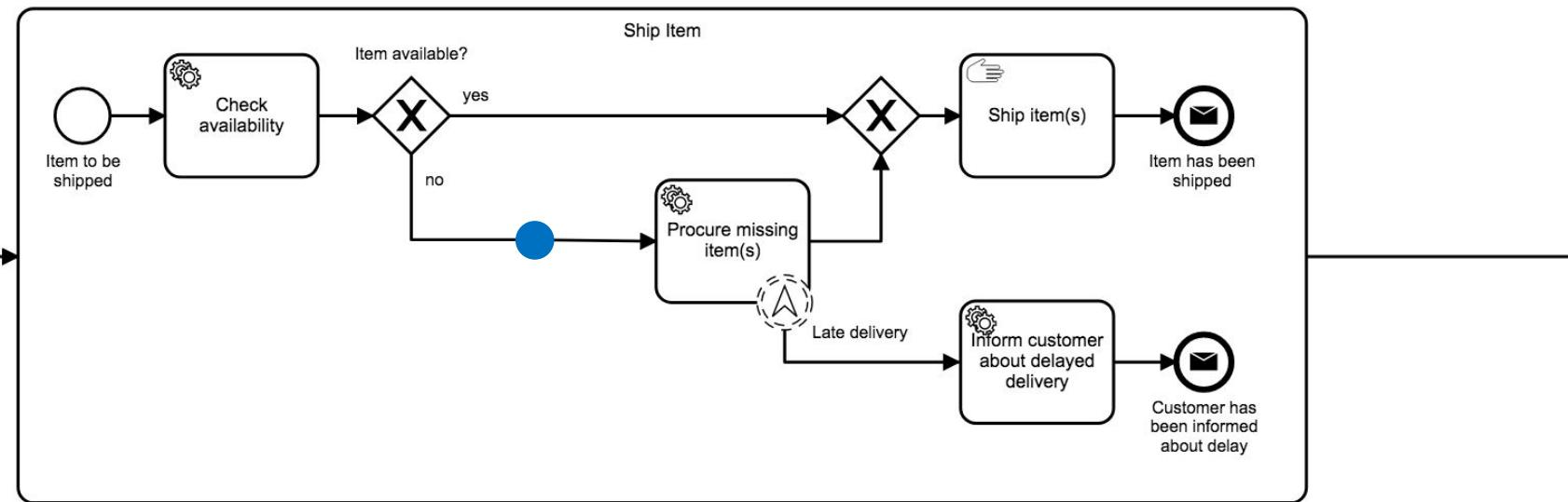


Luxxix

Bookkeeping

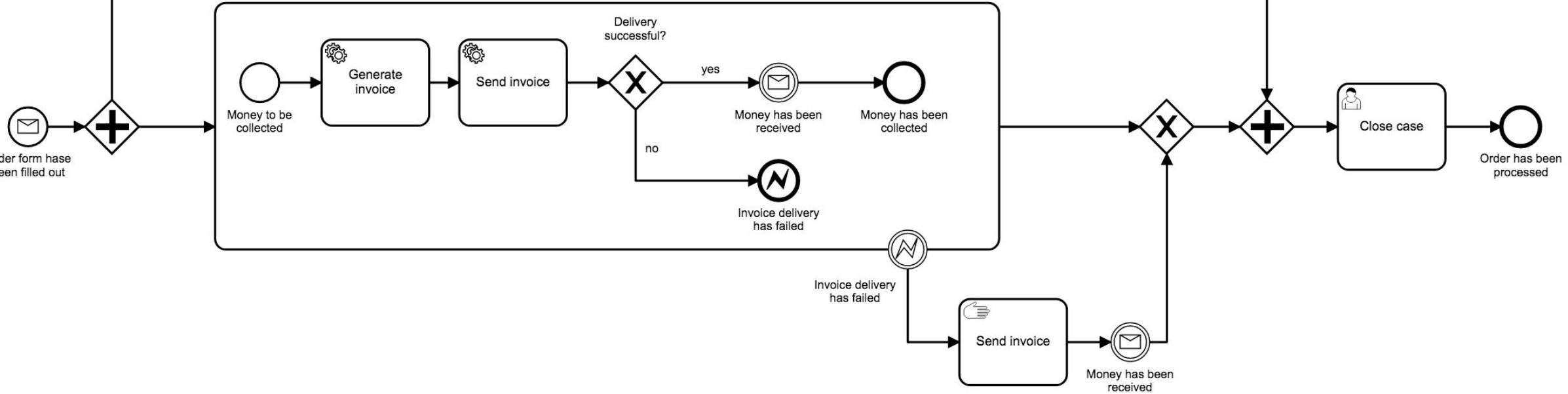


Warehouse

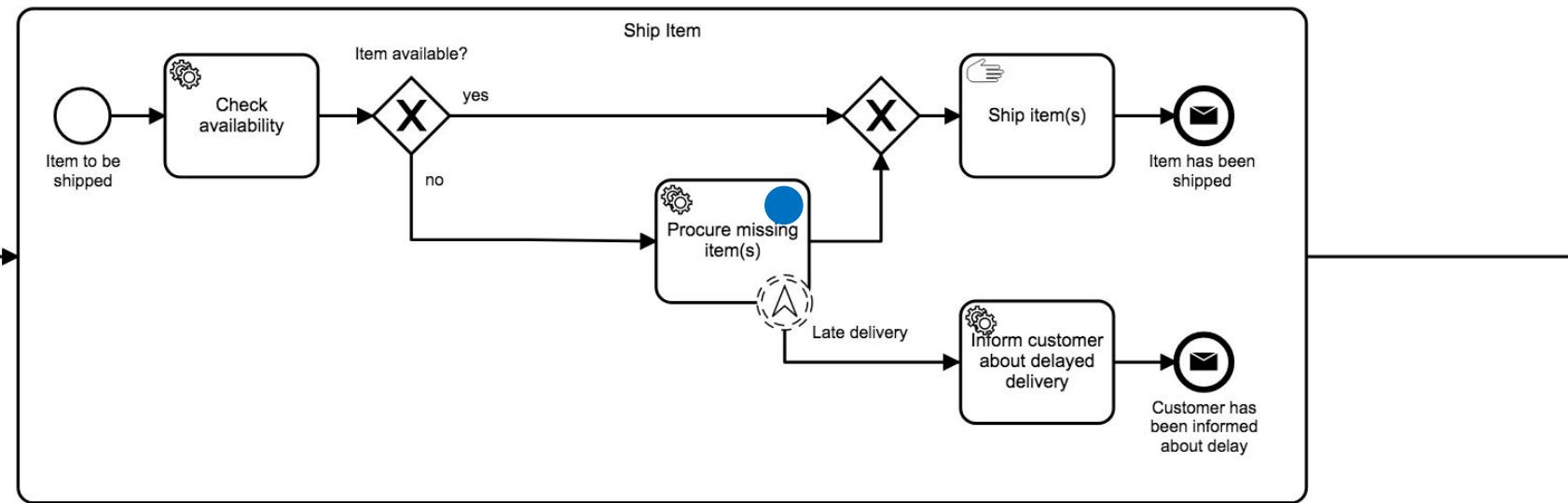


Luxxis

Bookkeeping

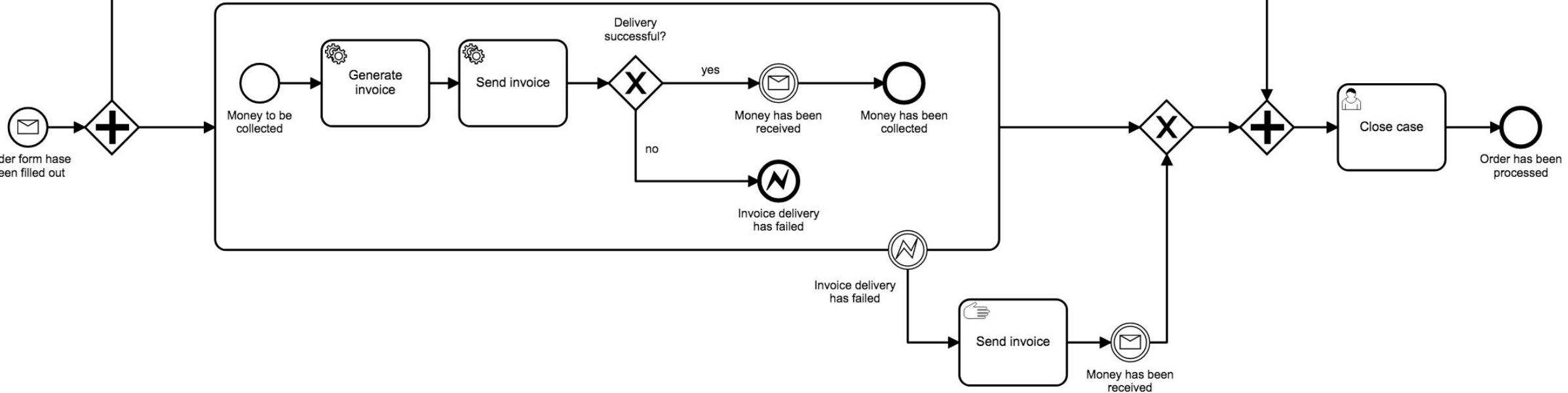


Warehouse

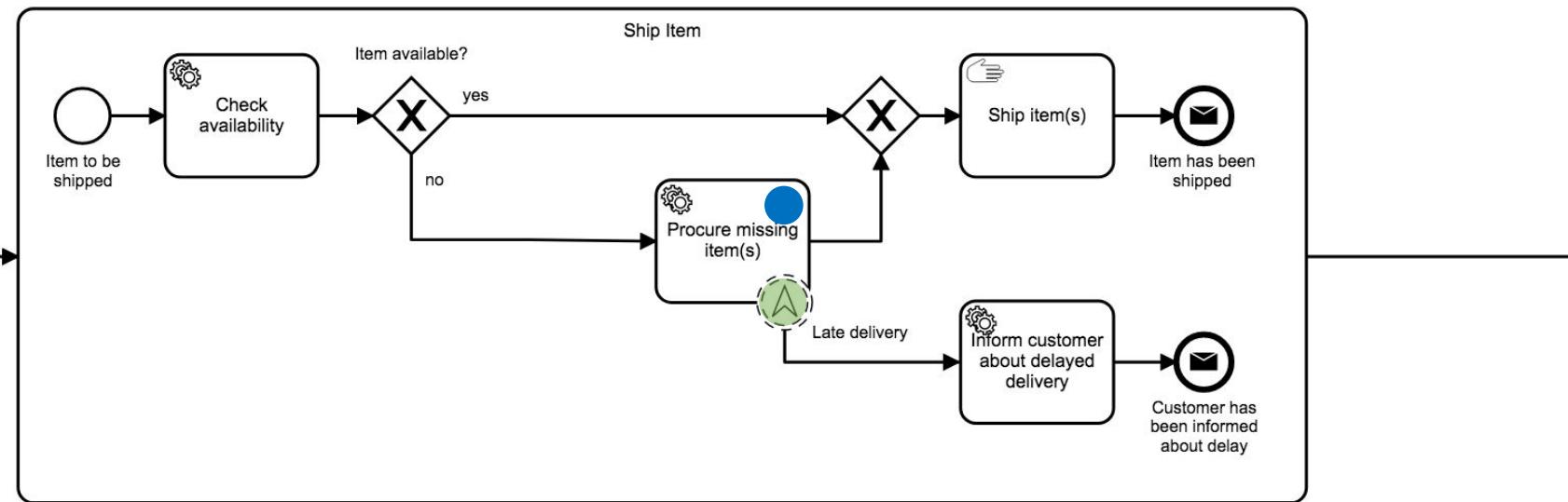


Luxxis

Bookkeeping

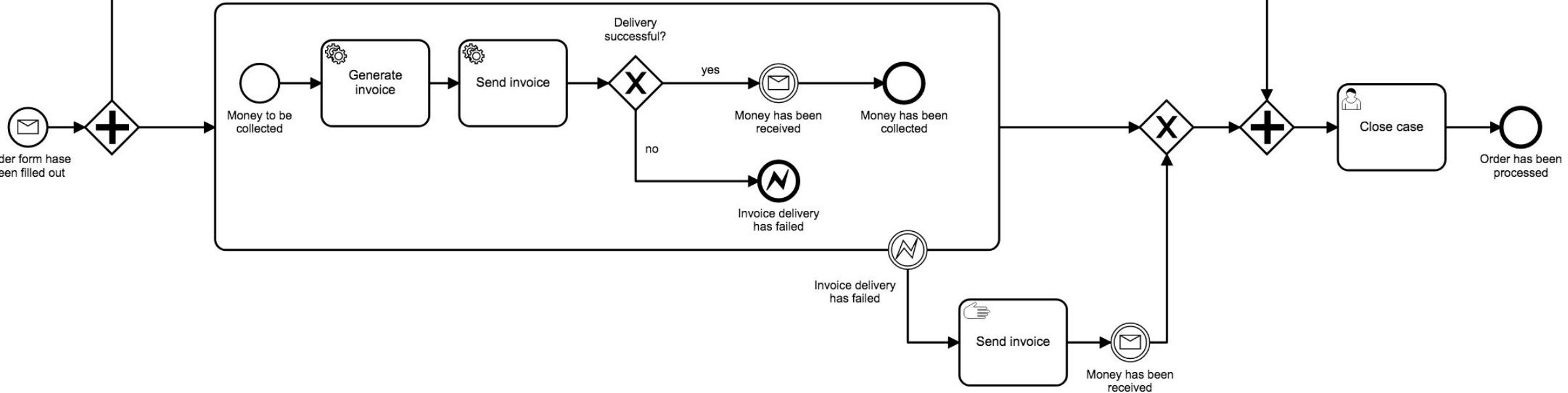


Warehouse

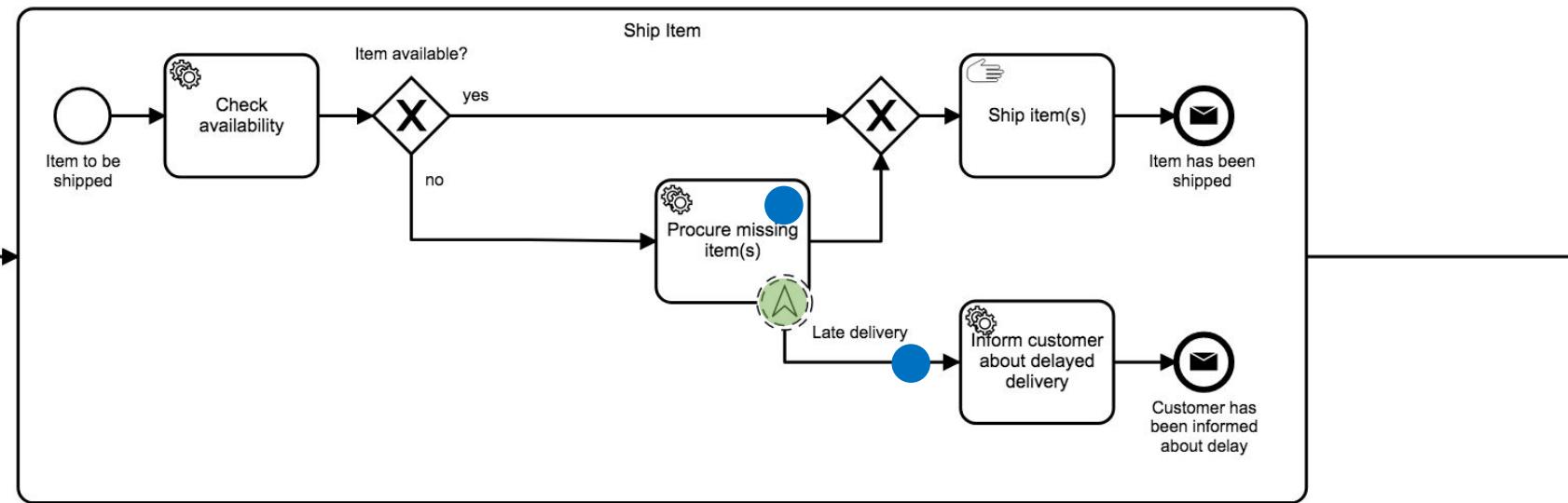


Luxxix

Bookkeeping

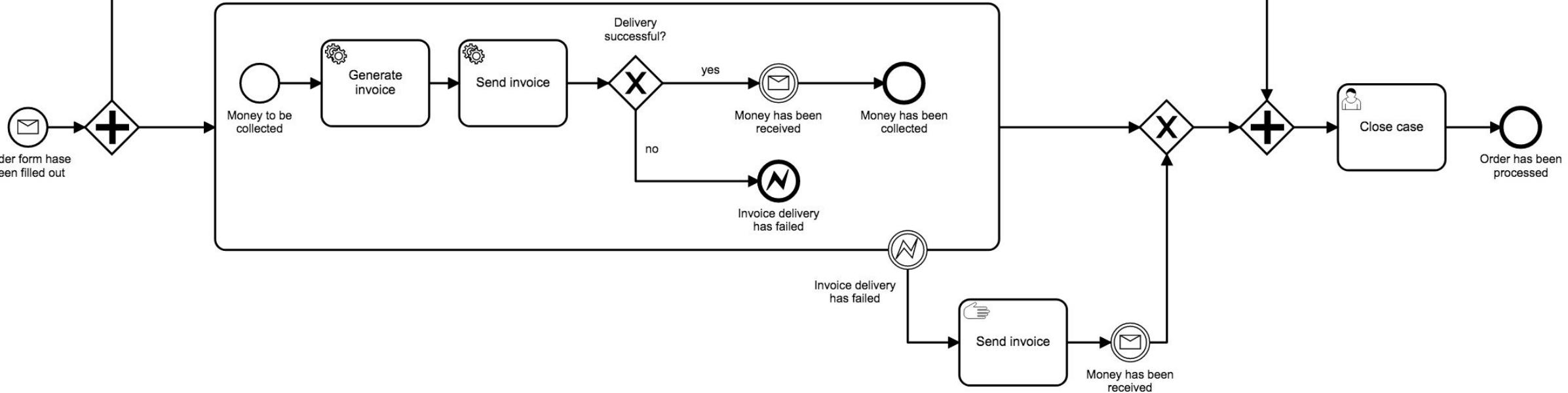


Warehouse

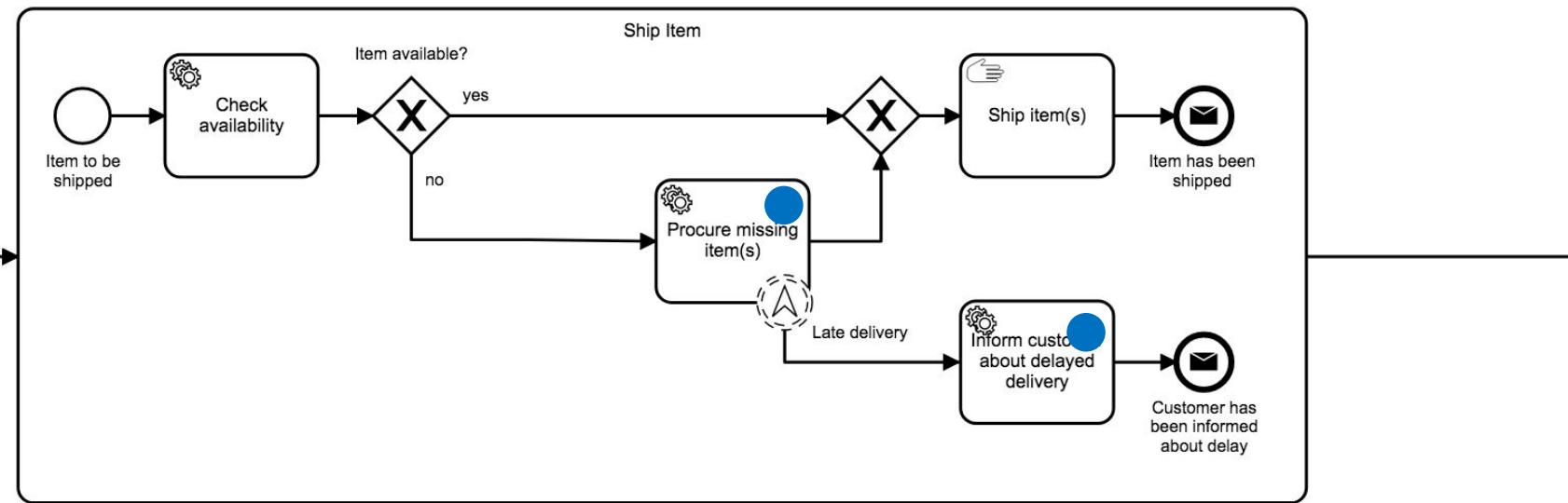


Luxxix

Bookkeeping

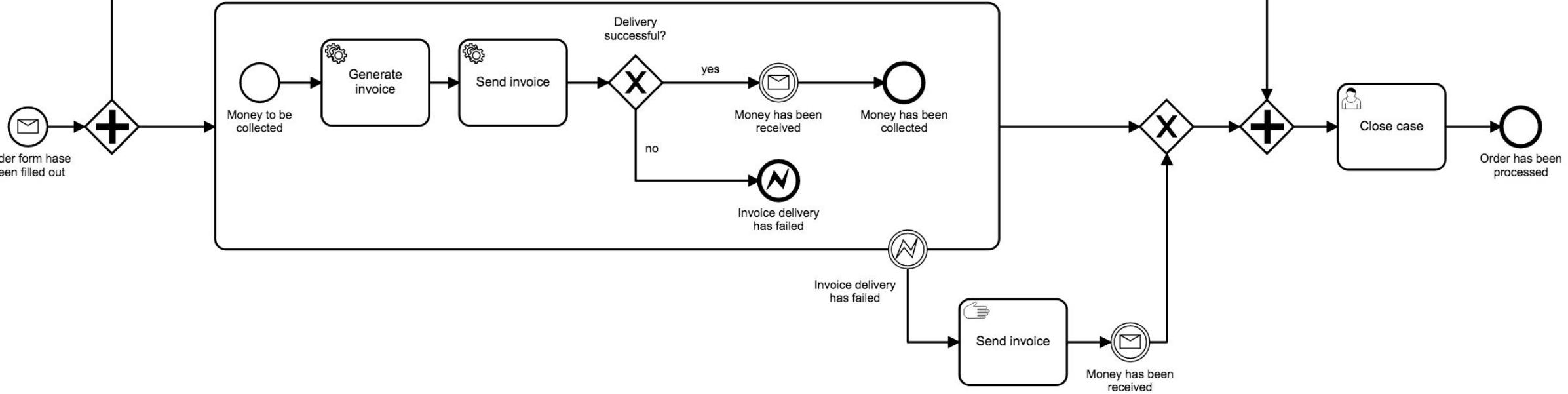


Warehouse

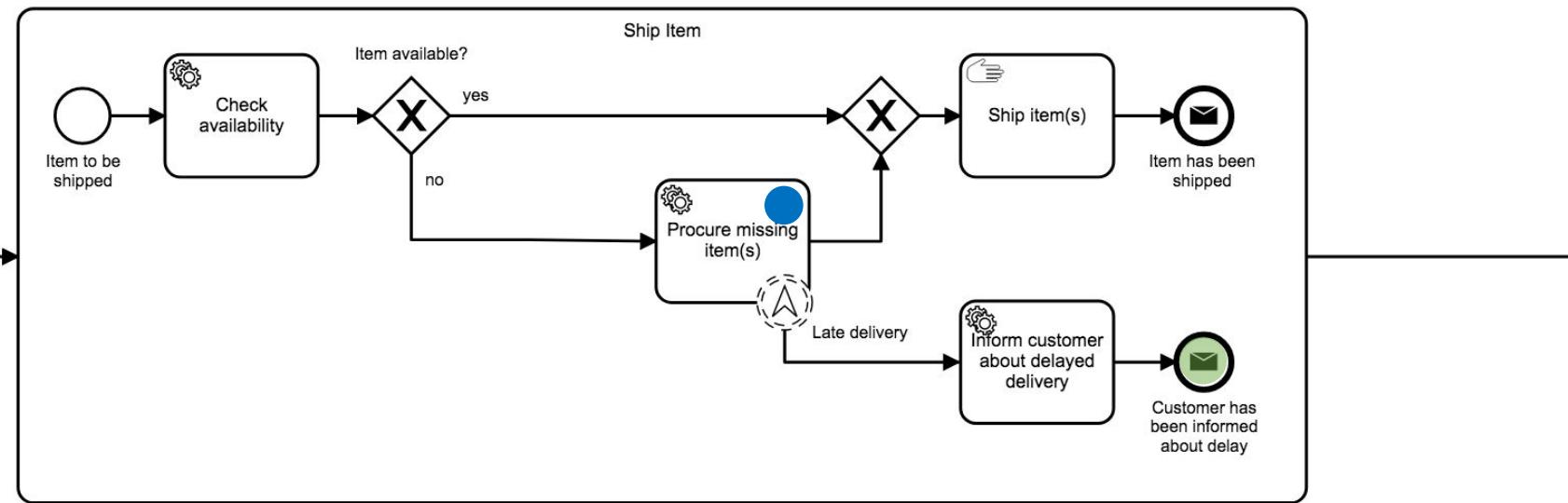


Luxxis

Bookkeeping

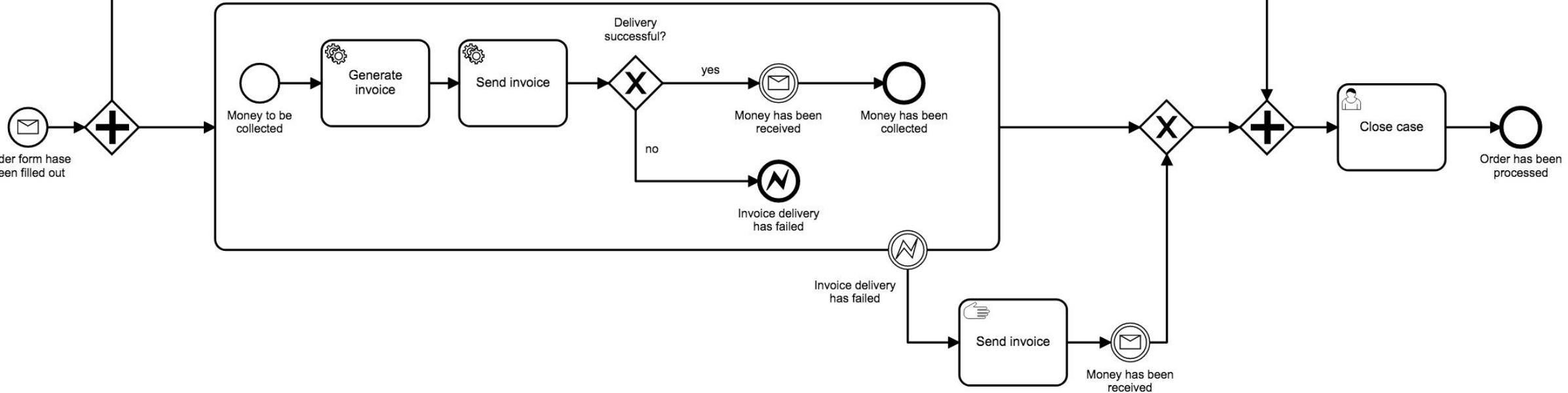


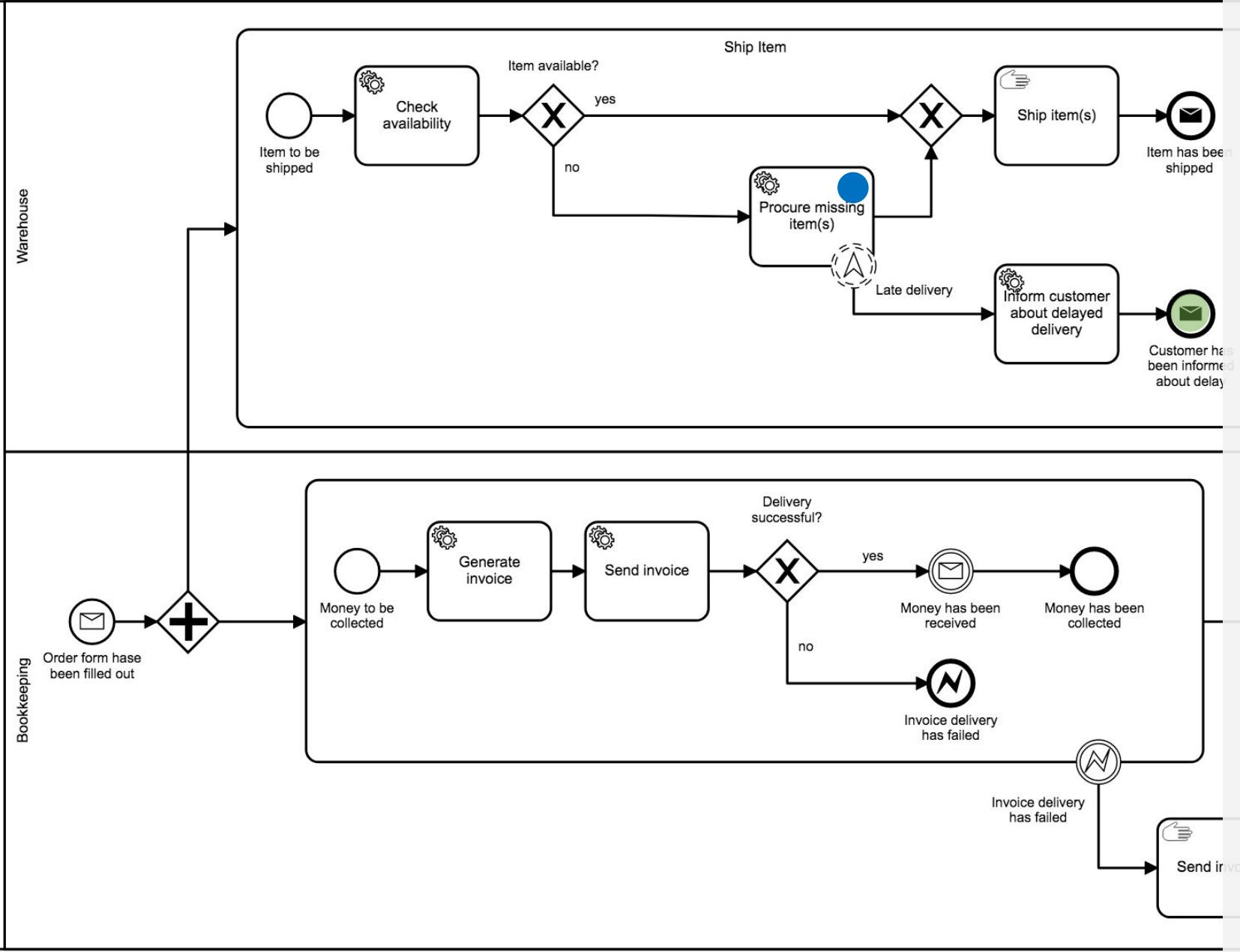
Warehouse



Luxxis

Bookkeeping

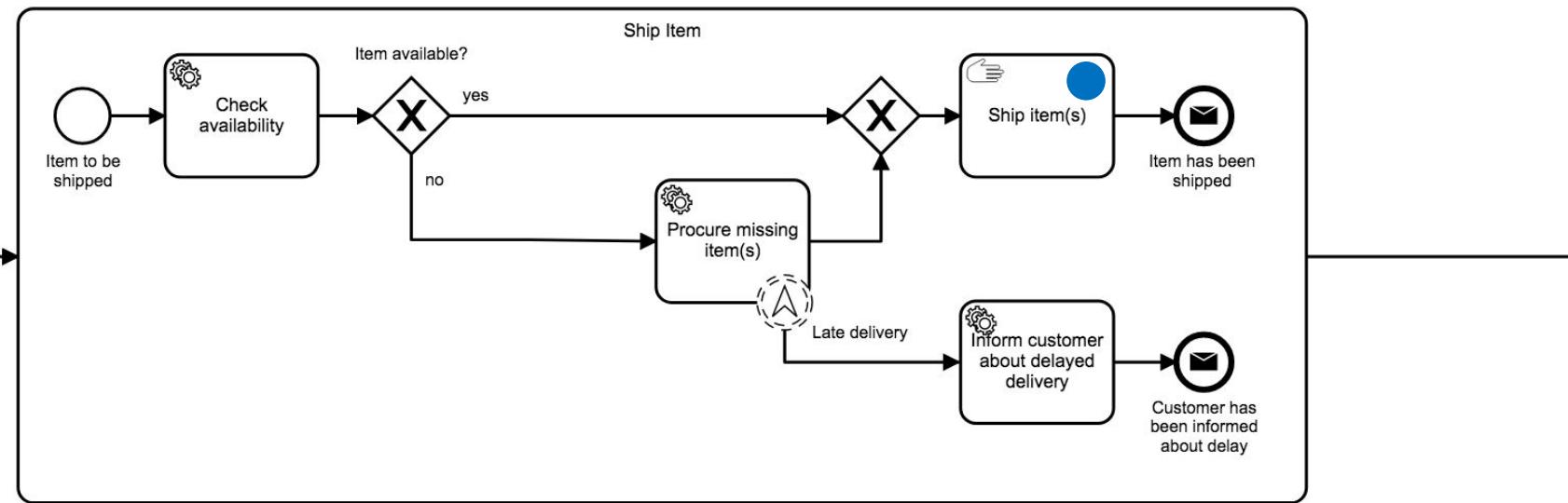




A Sub-Process instance completes when there are **no more tokens** in the Sub-Process and none of its Activities is still active.

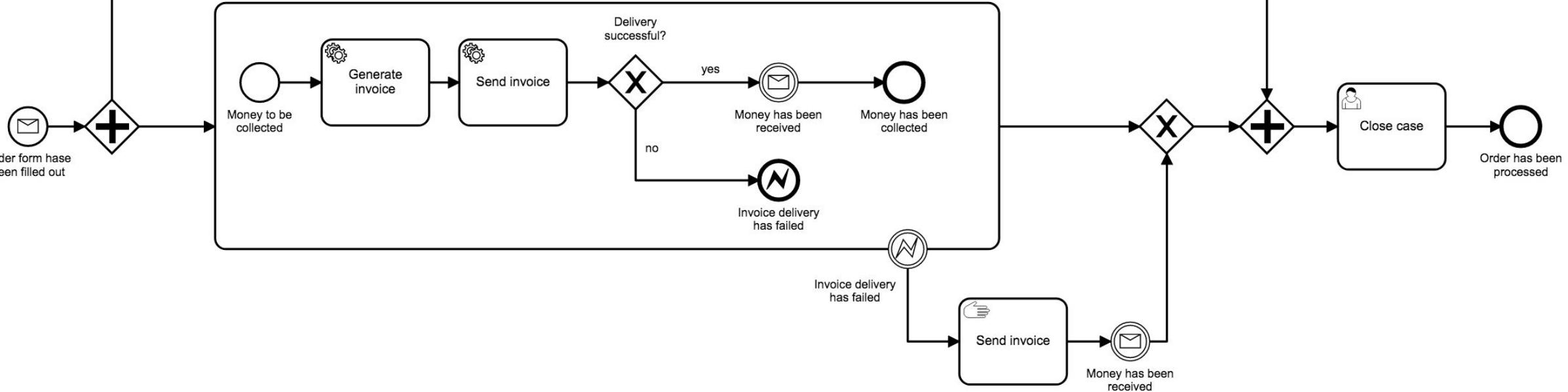


Warehouse

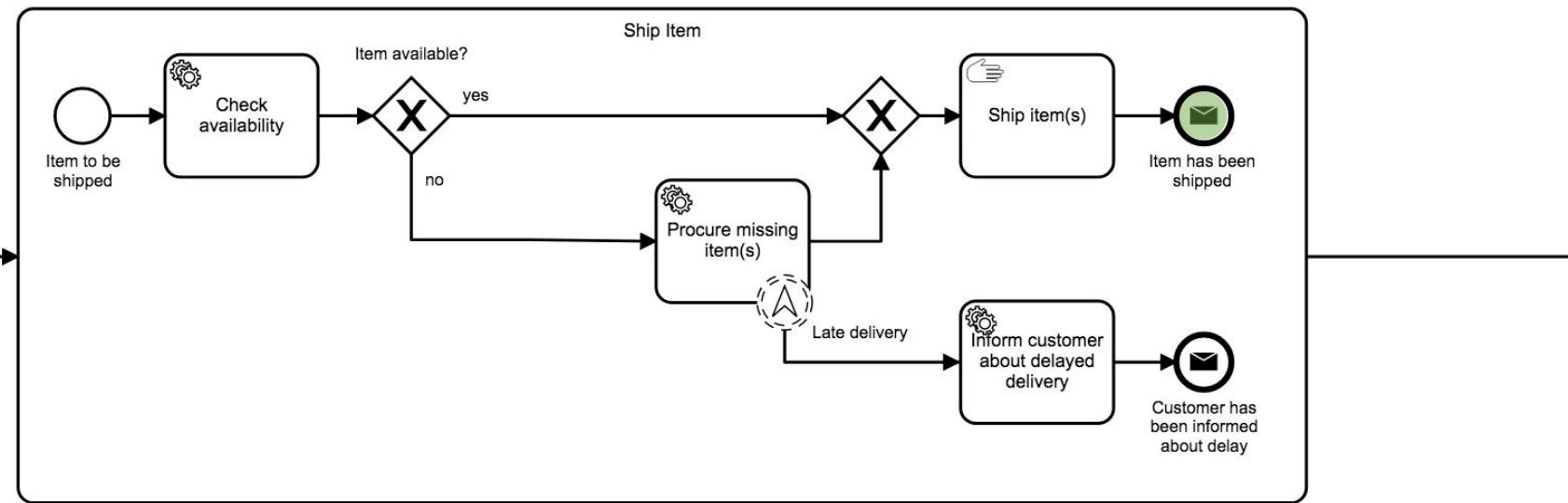


Luxxix

Bookkeeping

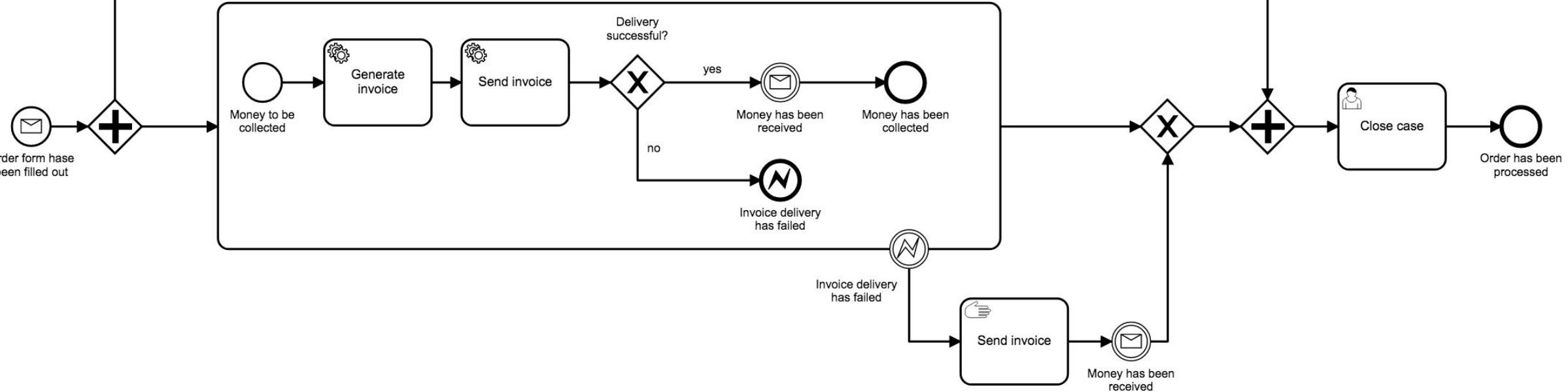


Warehouse

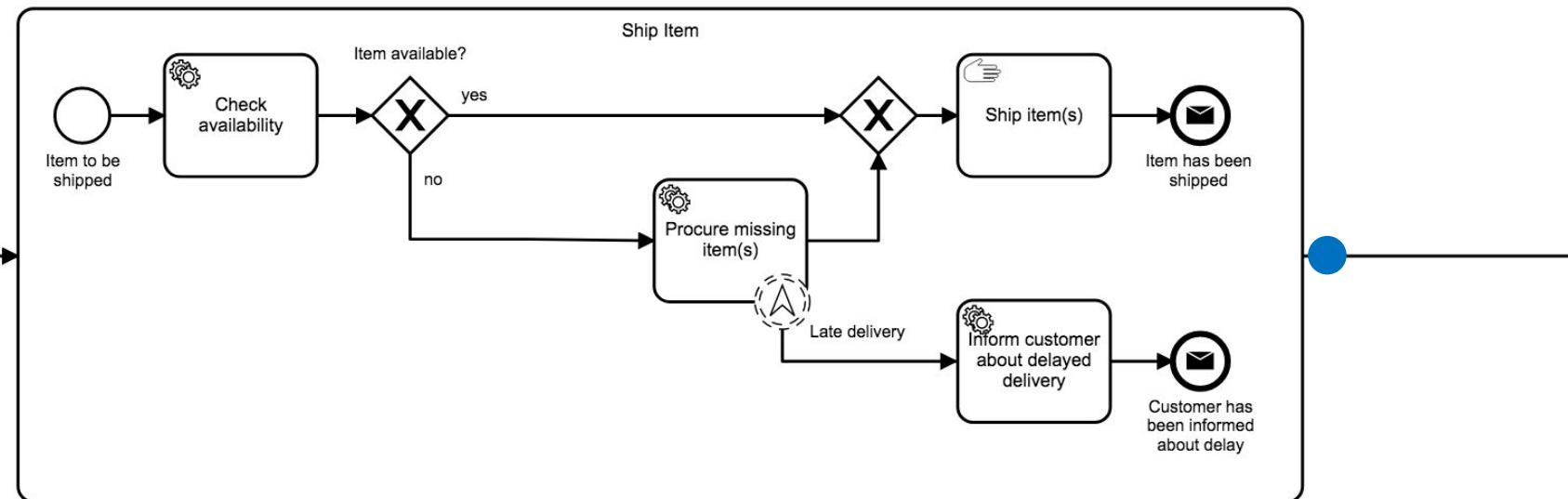


Luxxis

Bookkeeping

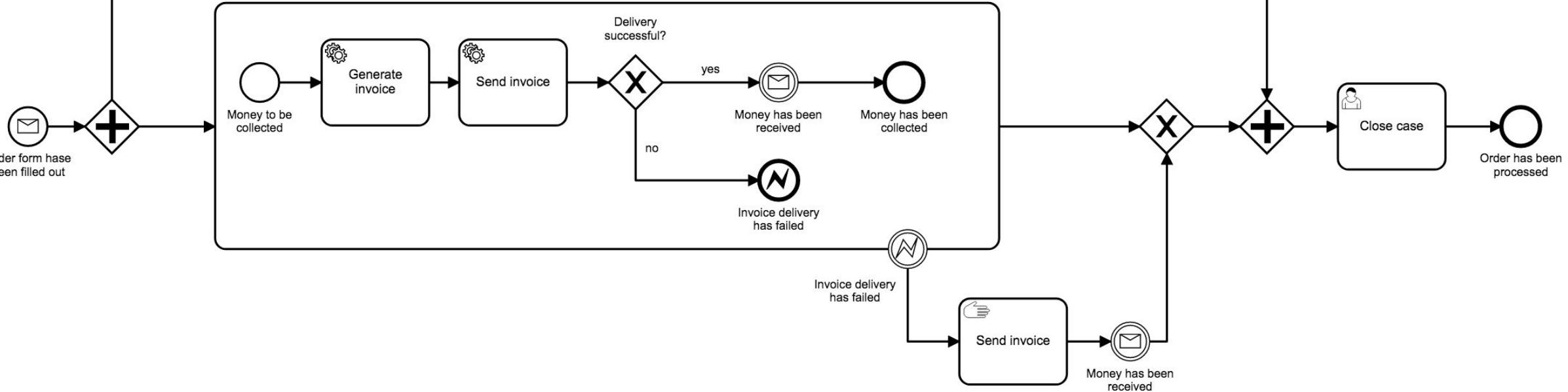


Warehouse



Luxxis

Bookkeeping



Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
Signal							
Error							
Escalat.							
Termin.							
Compen.							
Cancel							
Multi							
Multi Prll.							

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
Signal							
Error							
Escalat.							
Termin.							
Compen.							
Cancel							
Multi							
Multi Prll.							

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
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Compen.							
Cancel							
Multi							
Multi Prll.							

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Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
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Cancel							
Multi							
Multi Prll.							

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
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Multi Prll.							

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Multi							
Multi Prll.							

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
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Termin.							
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Multi Prll.							

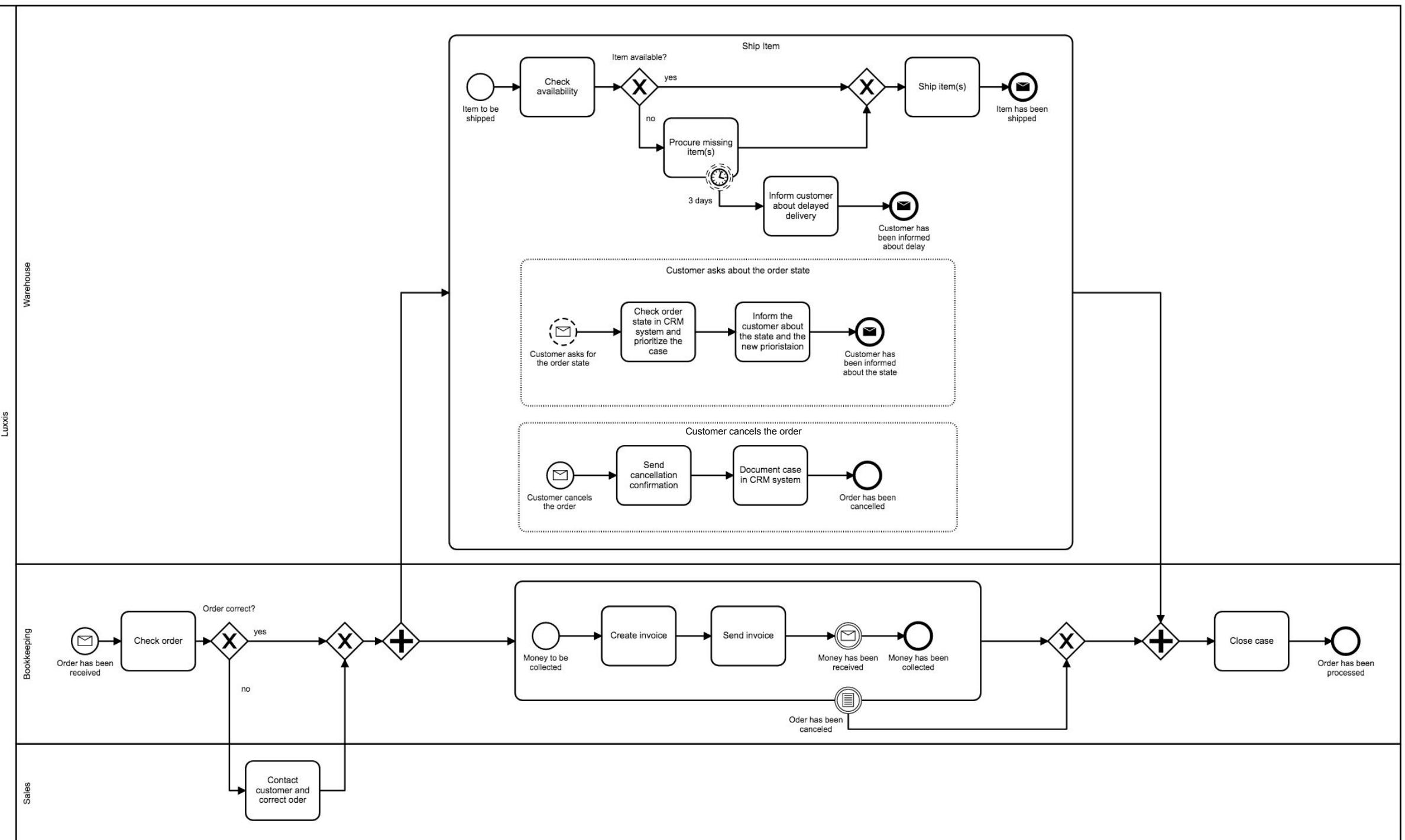
BPMN Theory

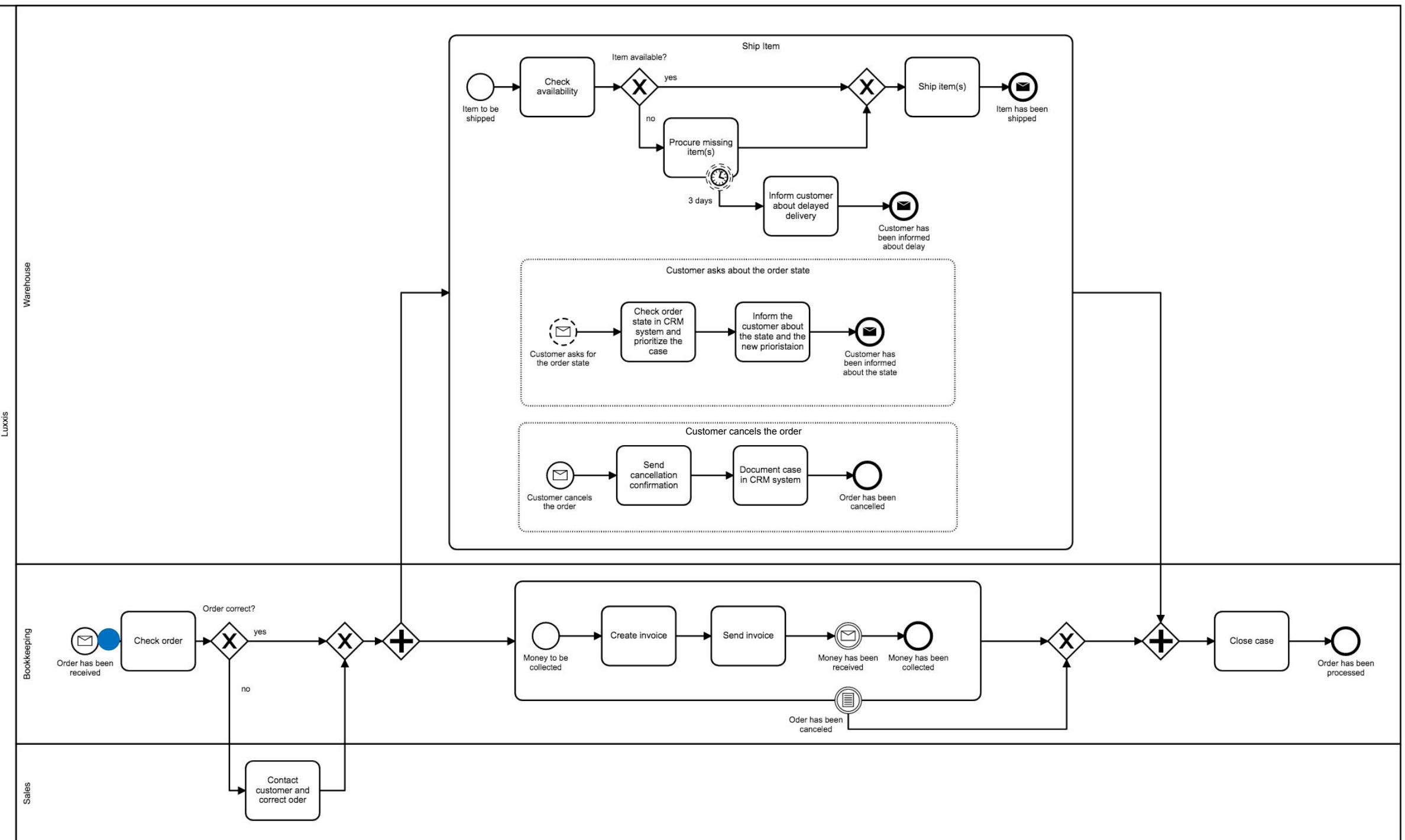
process camp

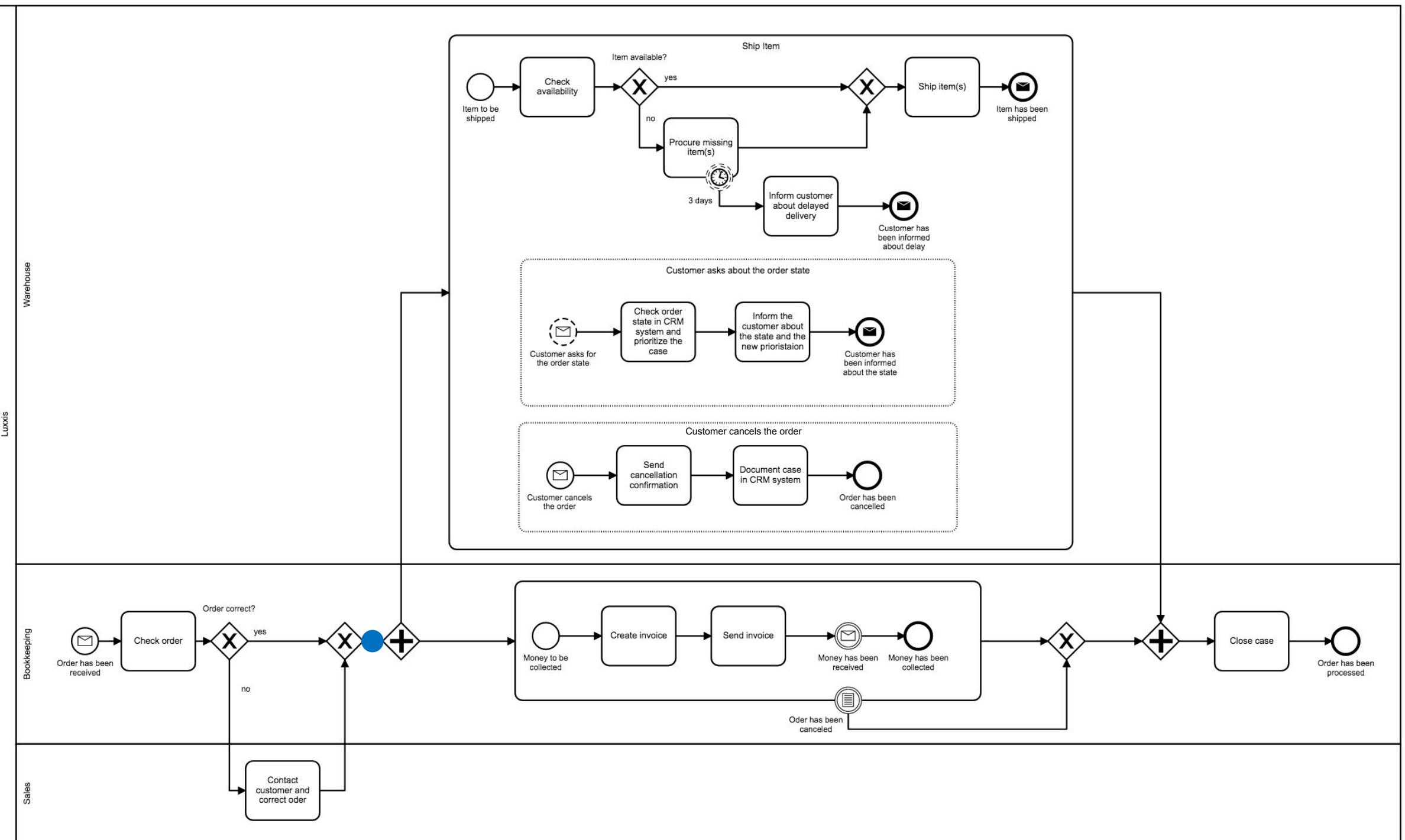
Termination Event

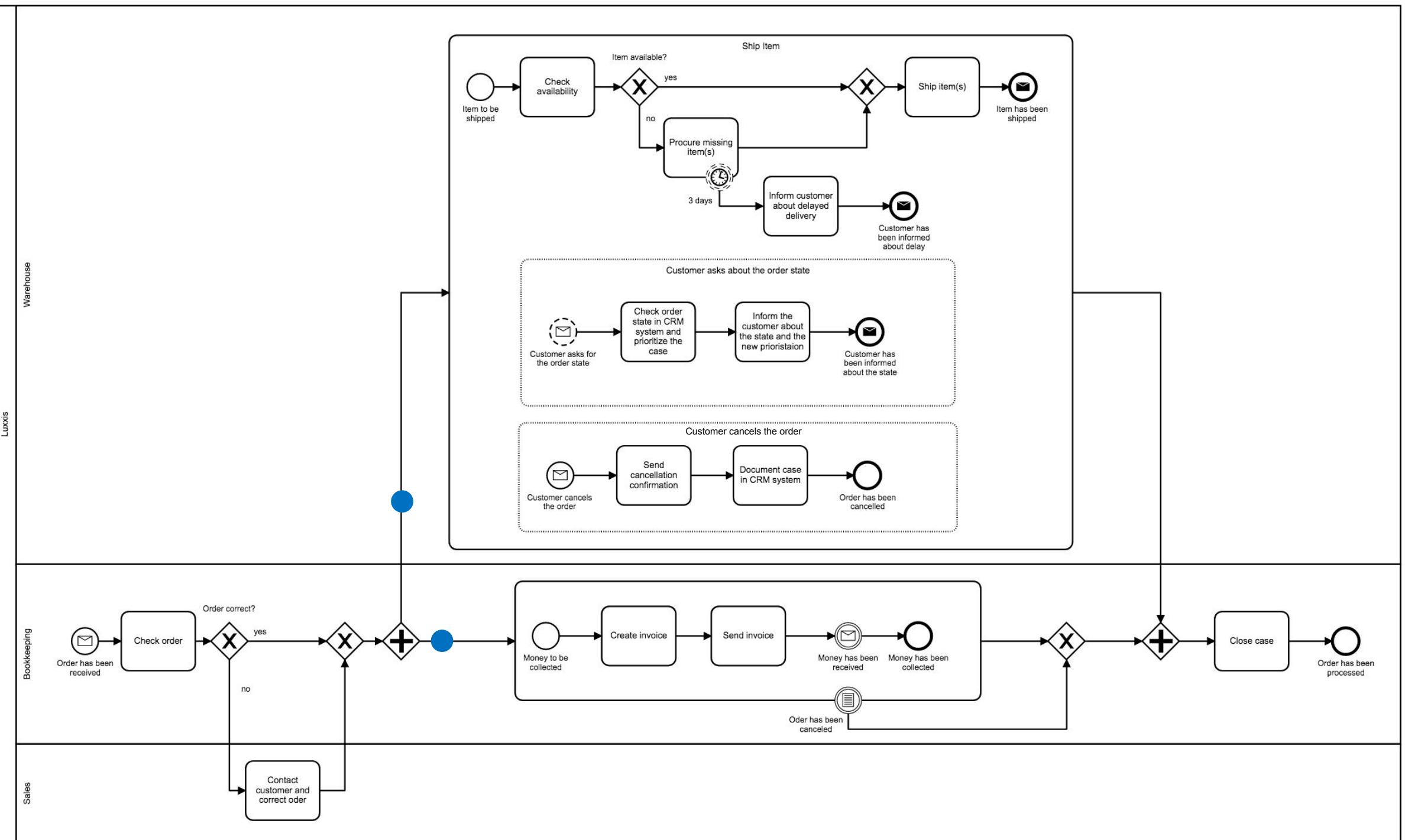


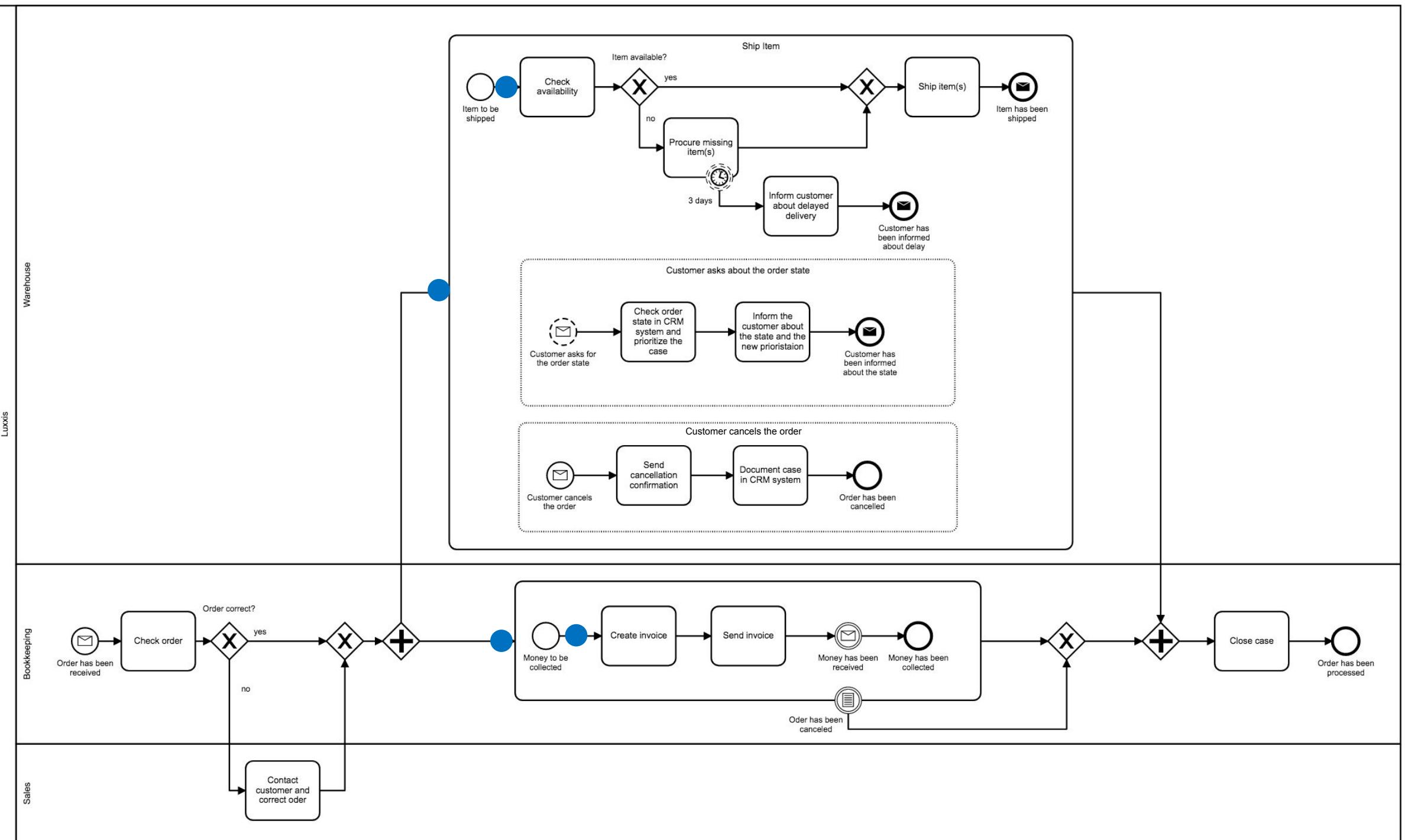
- Terminates all running activities
- Consumes all tokens of the process and its sub processes

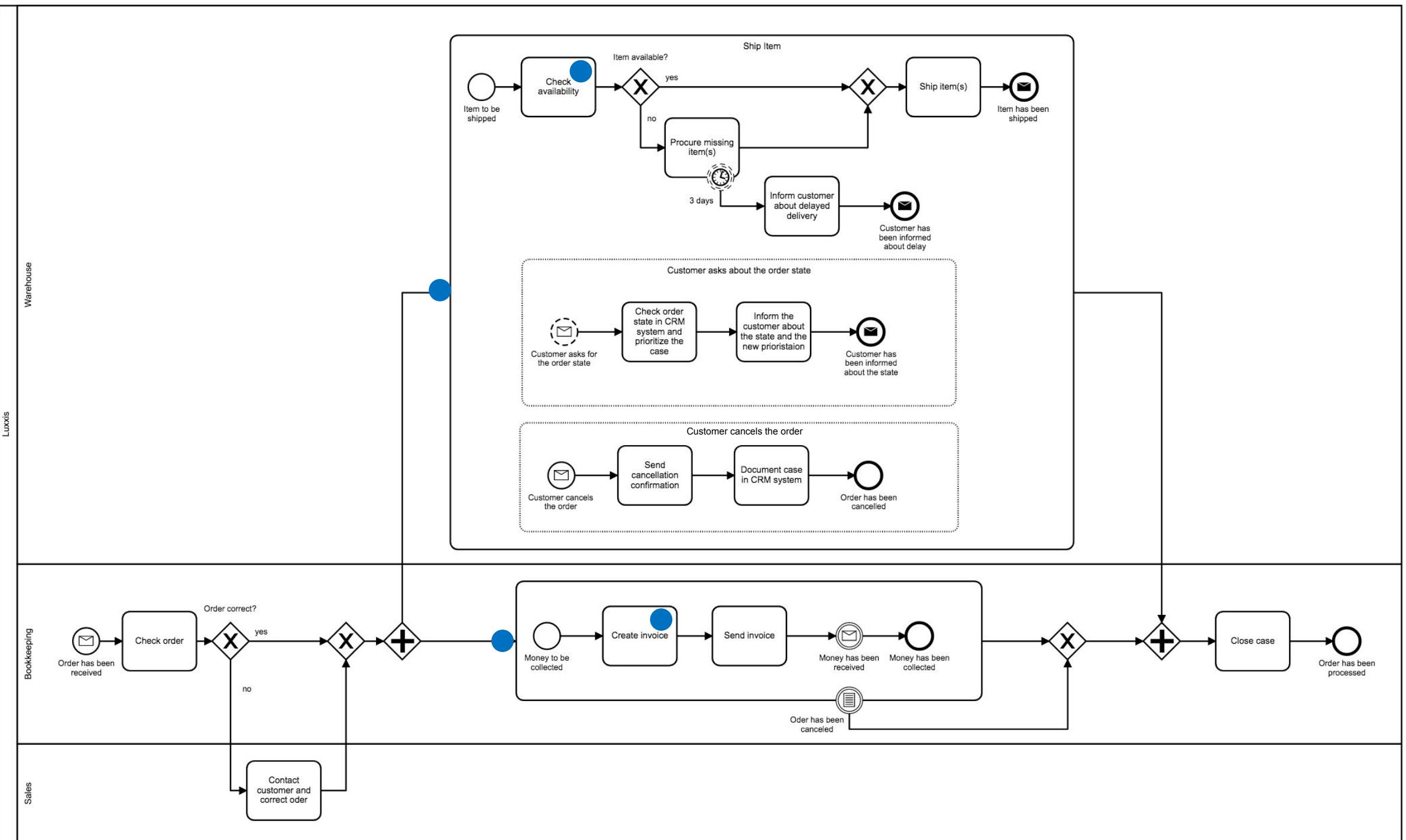


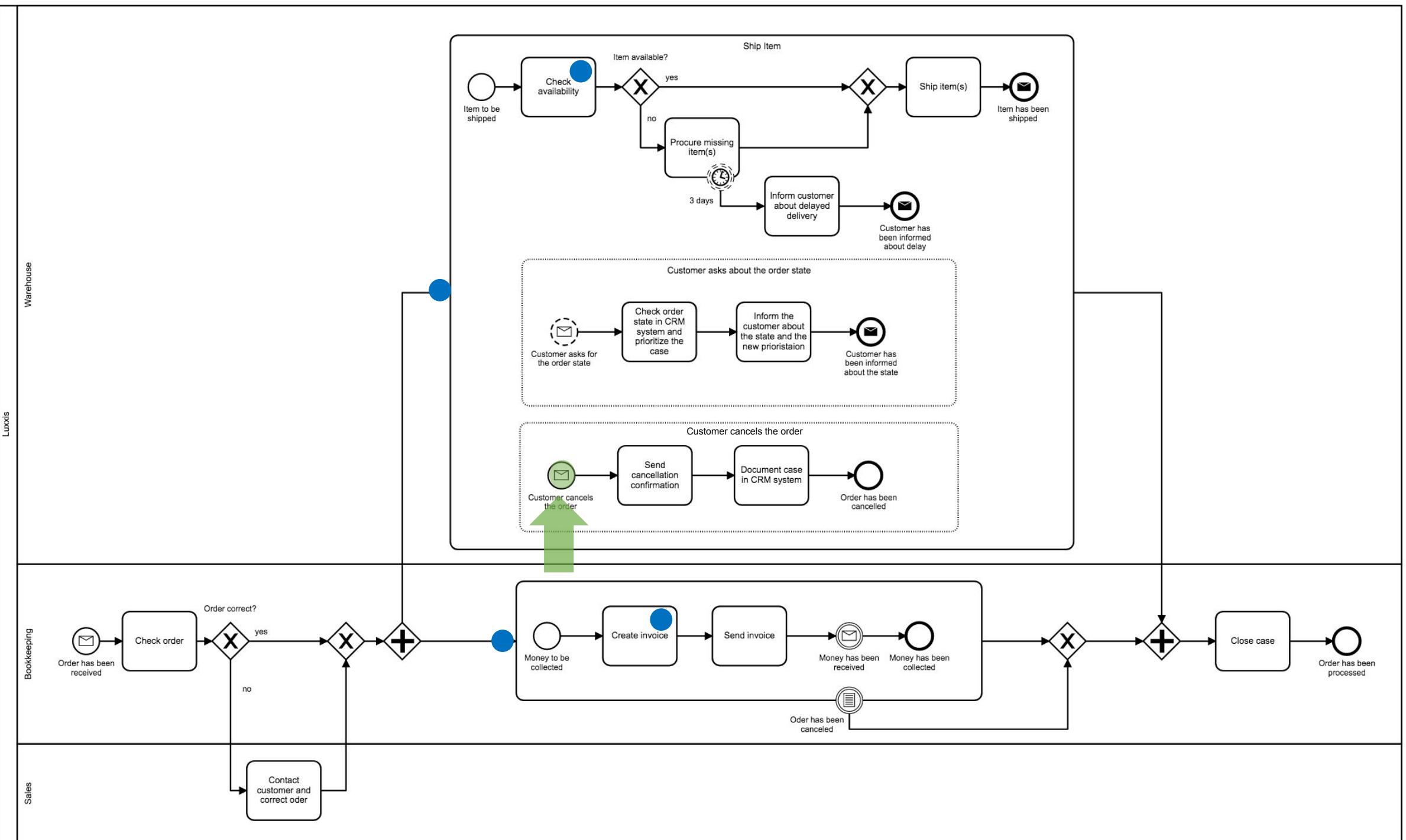


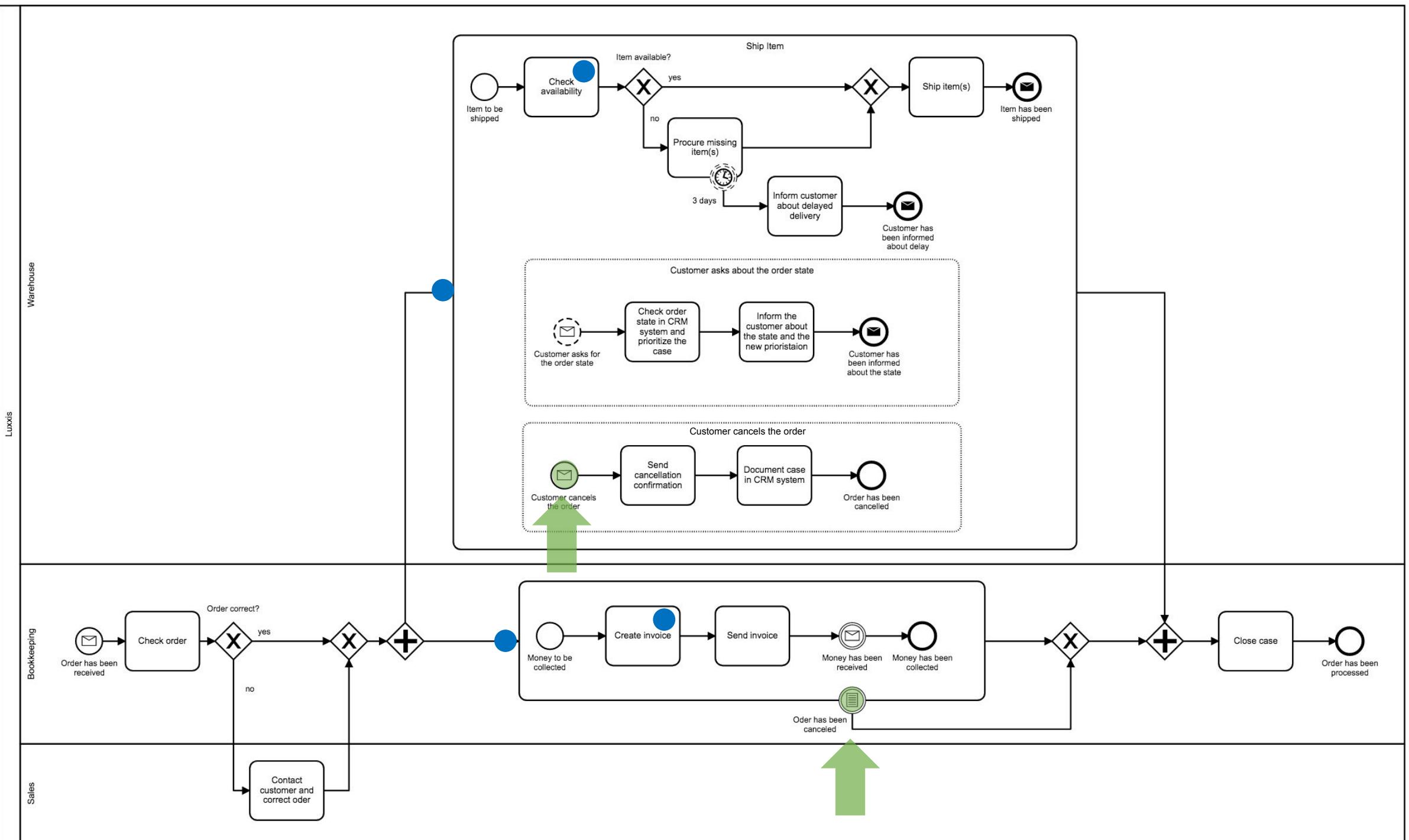


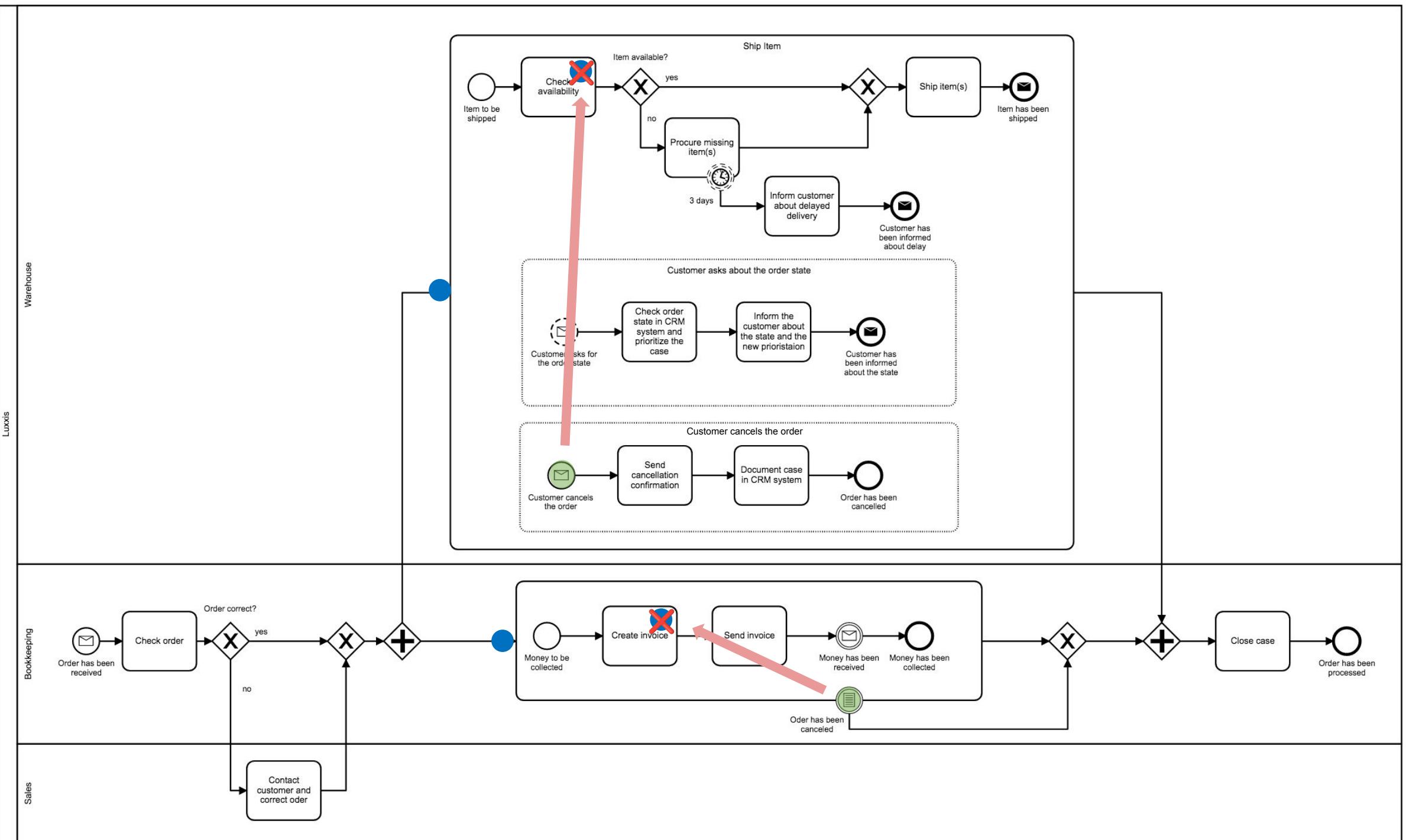


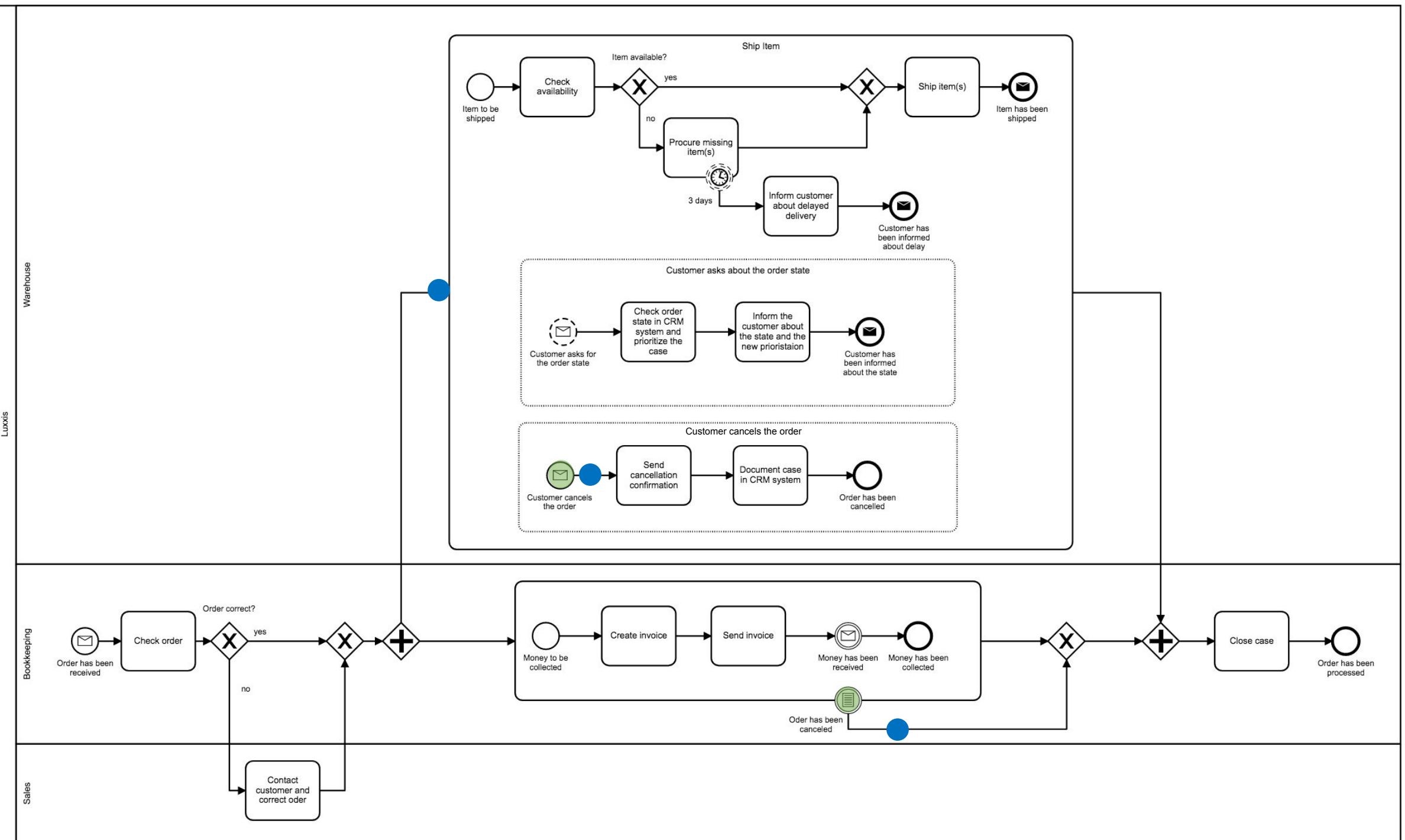


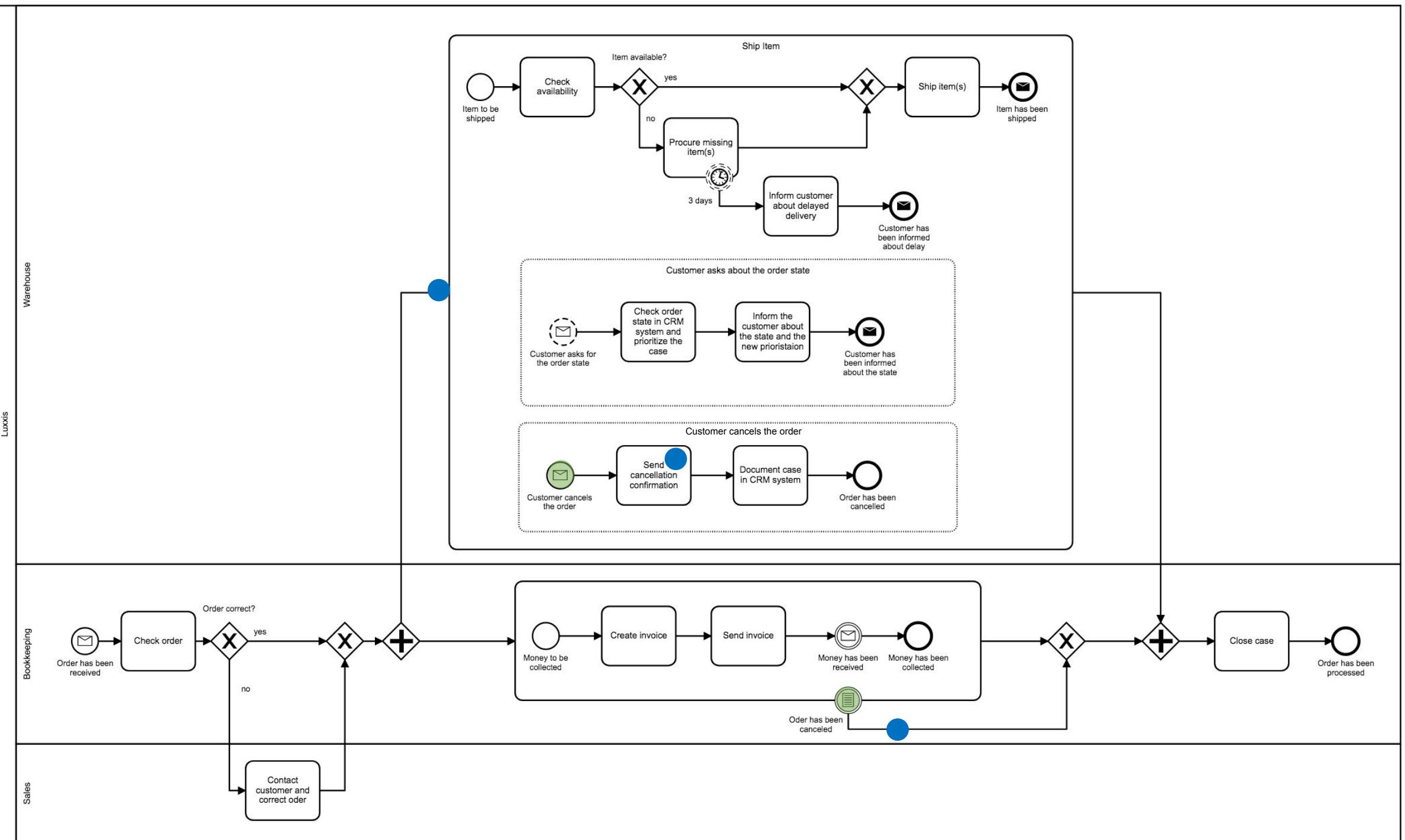


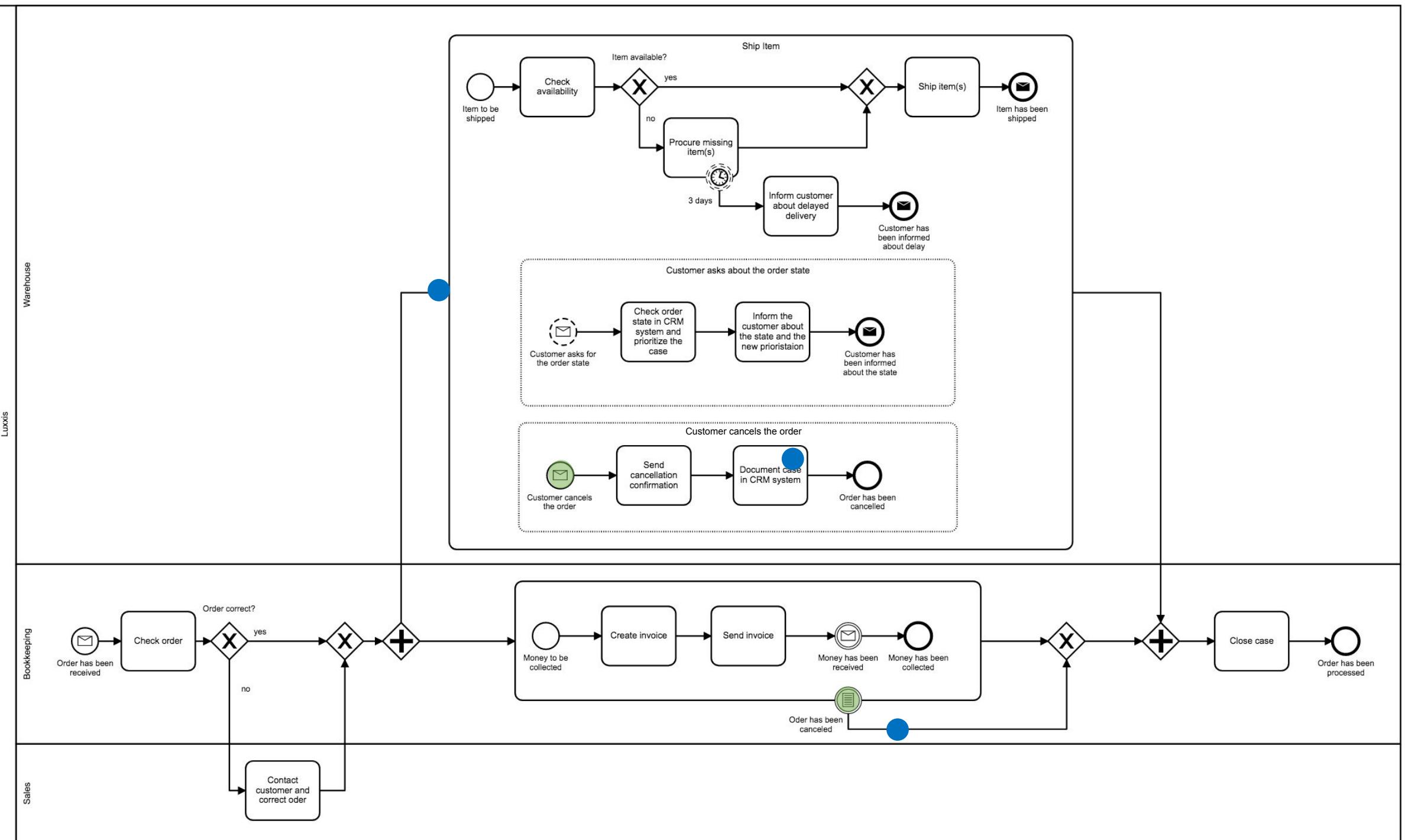


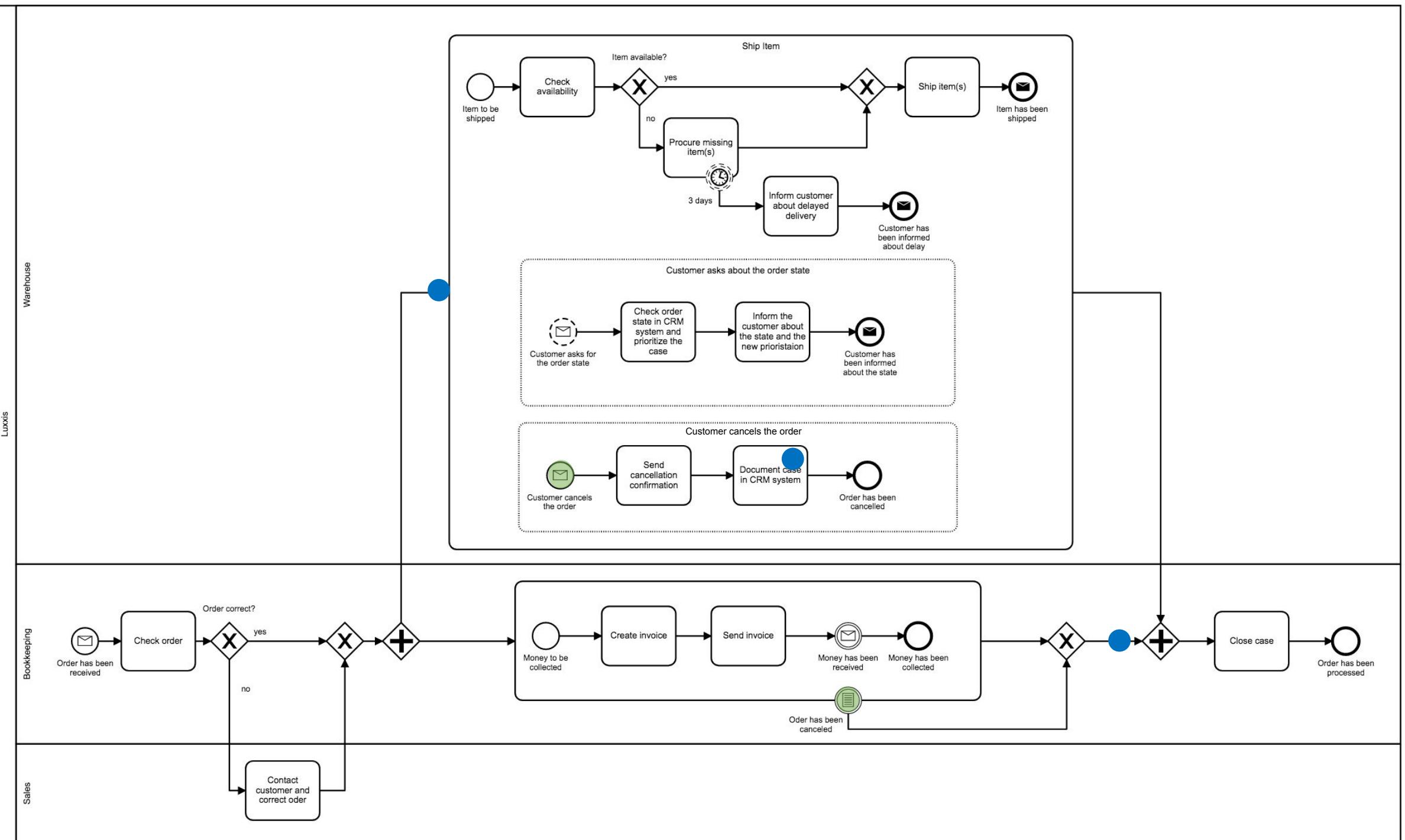


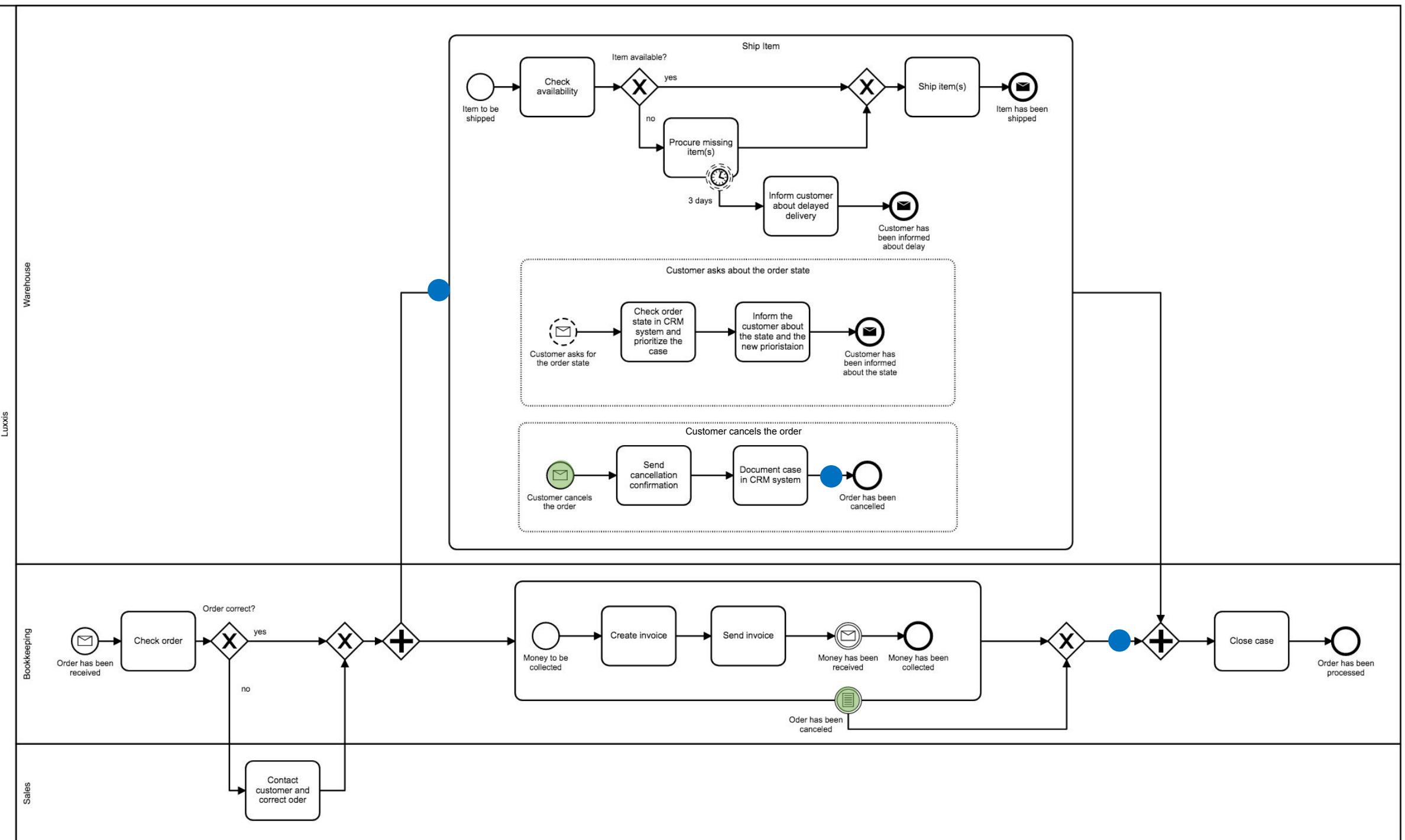


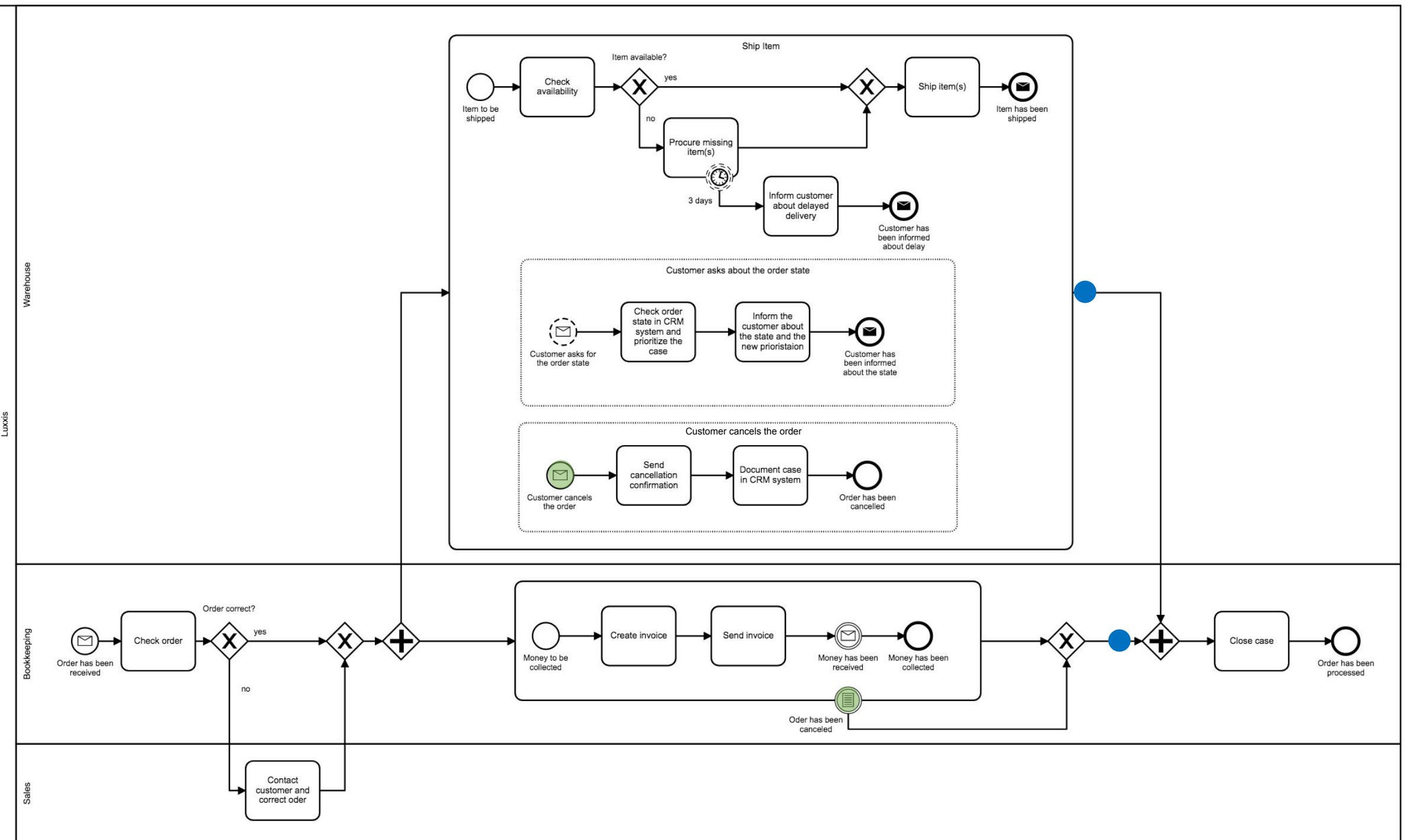


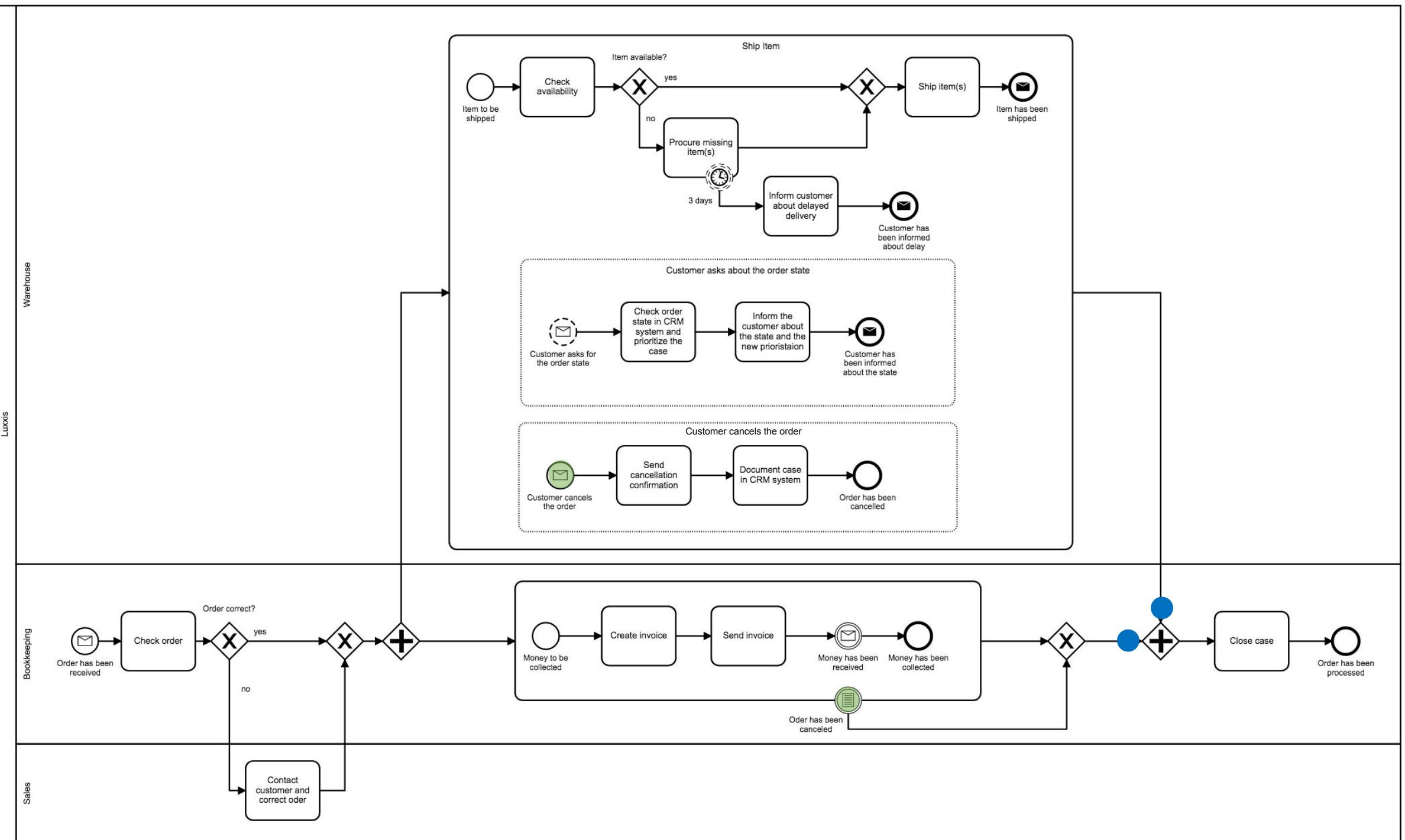


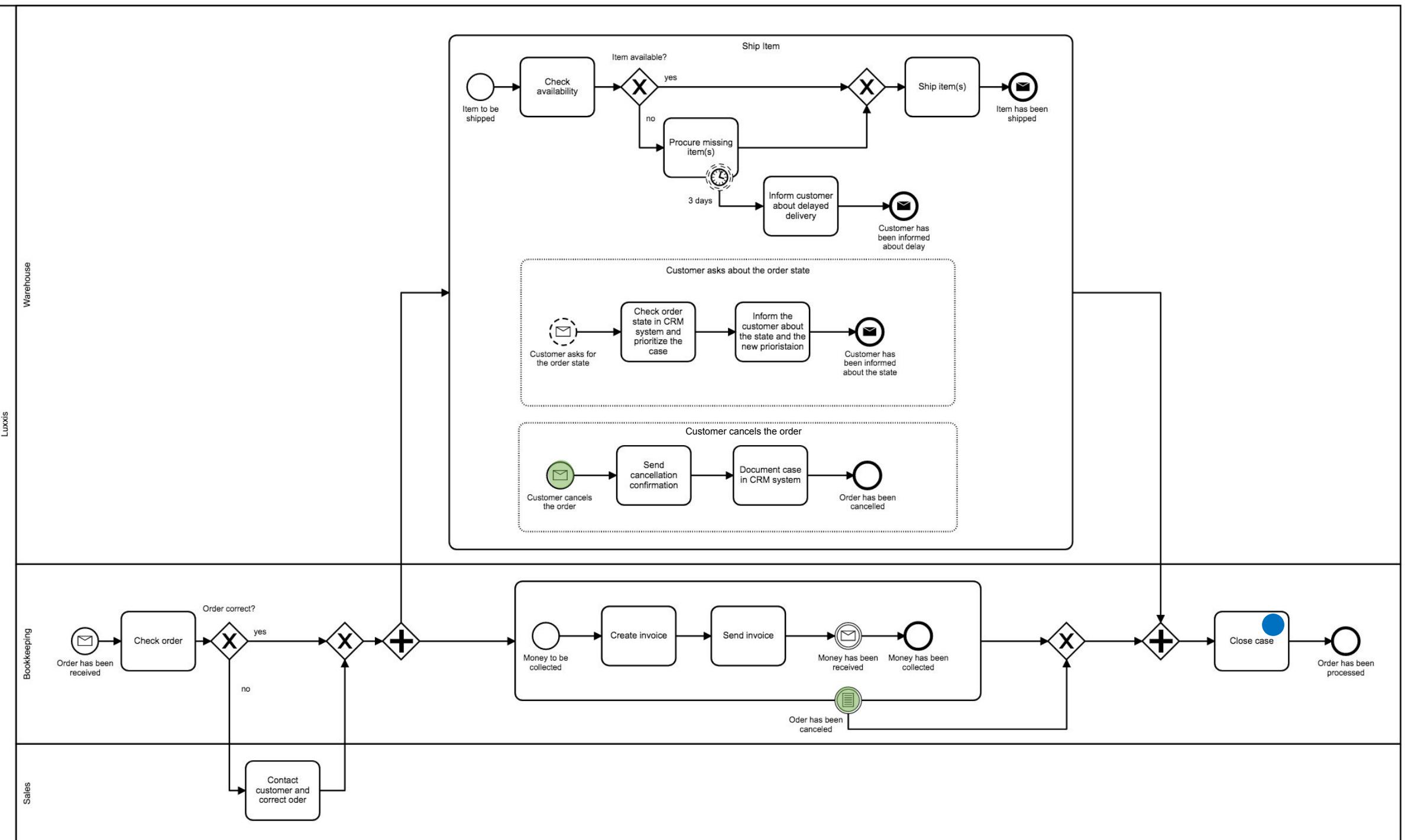






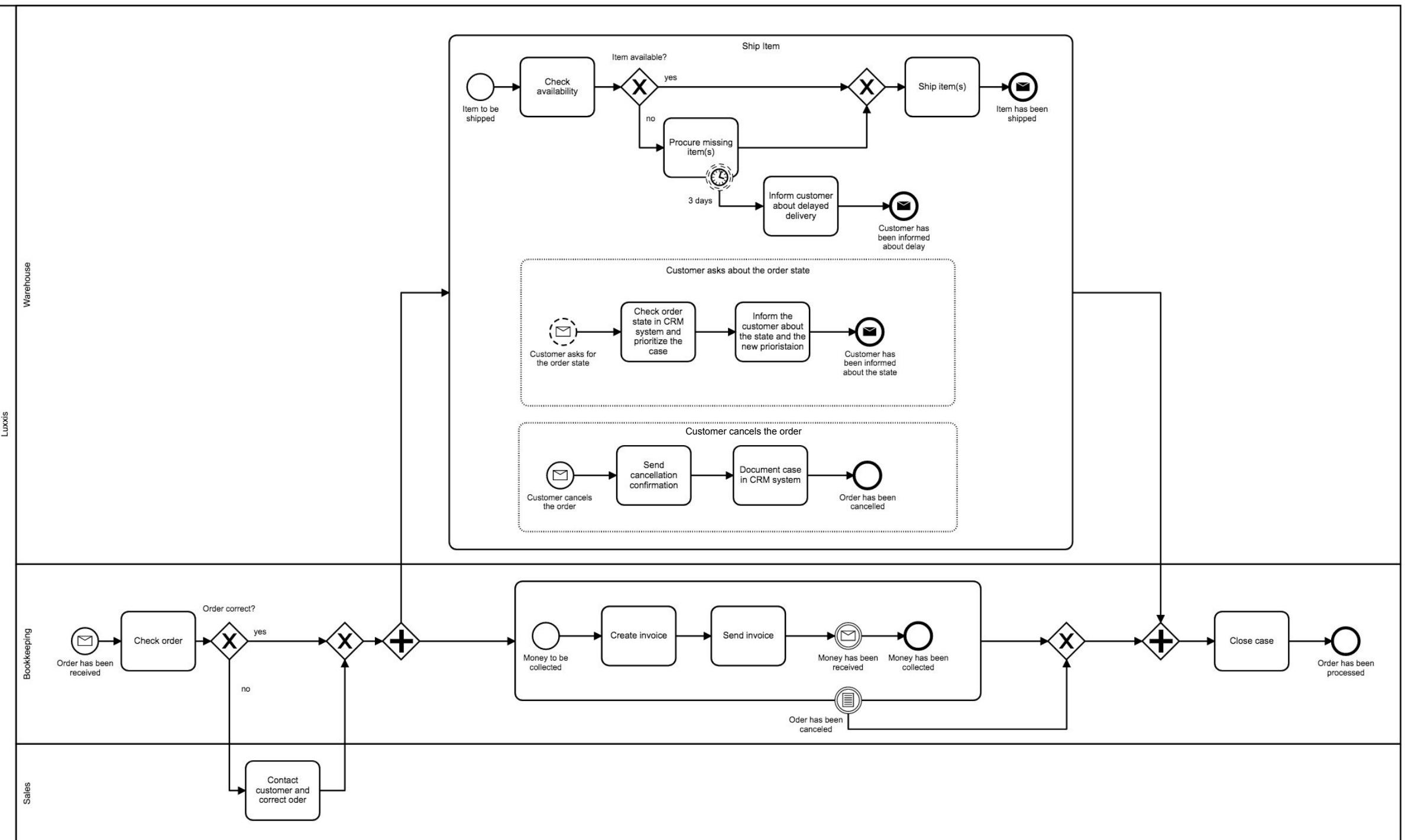


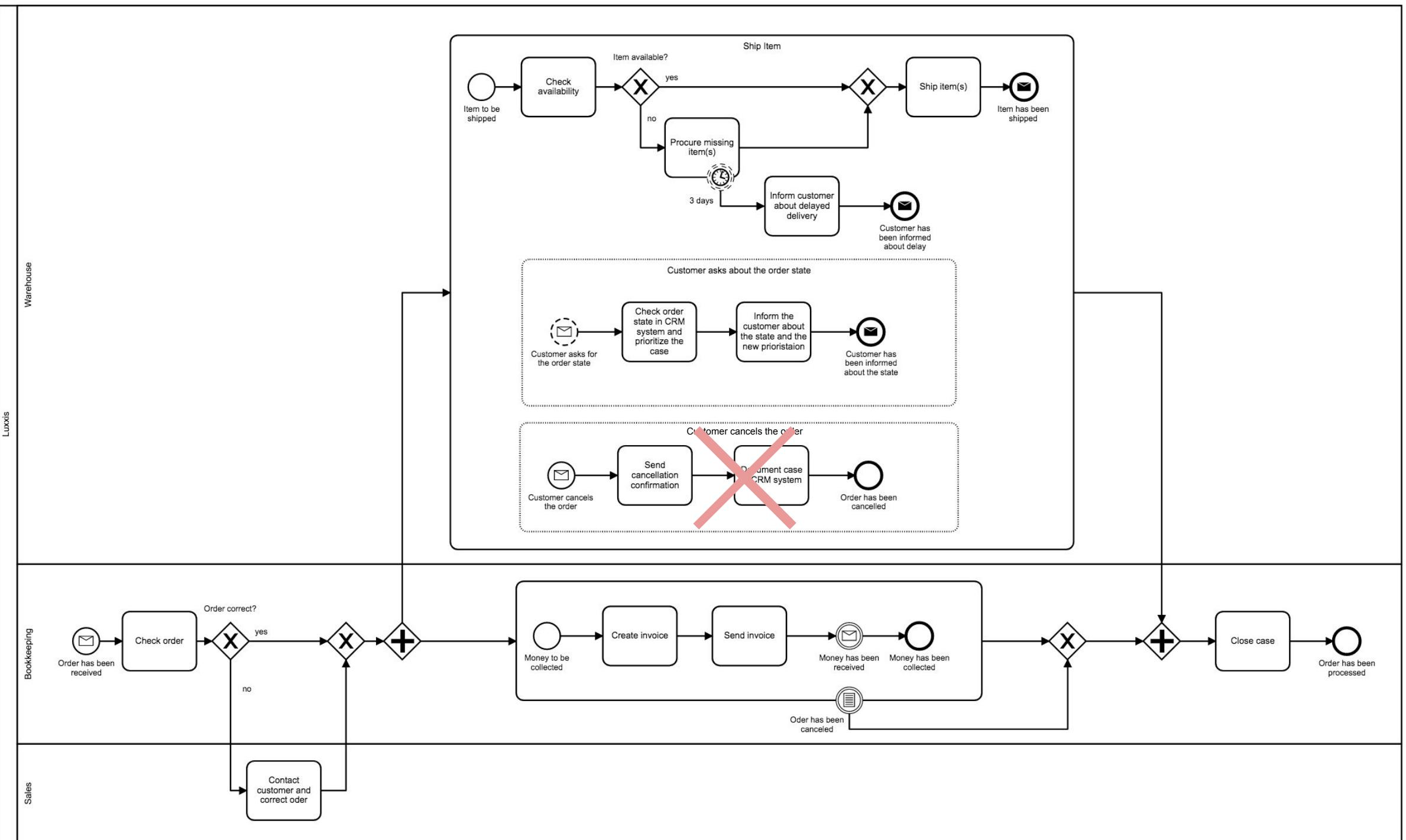






We can define this scenario also with a
termination event.



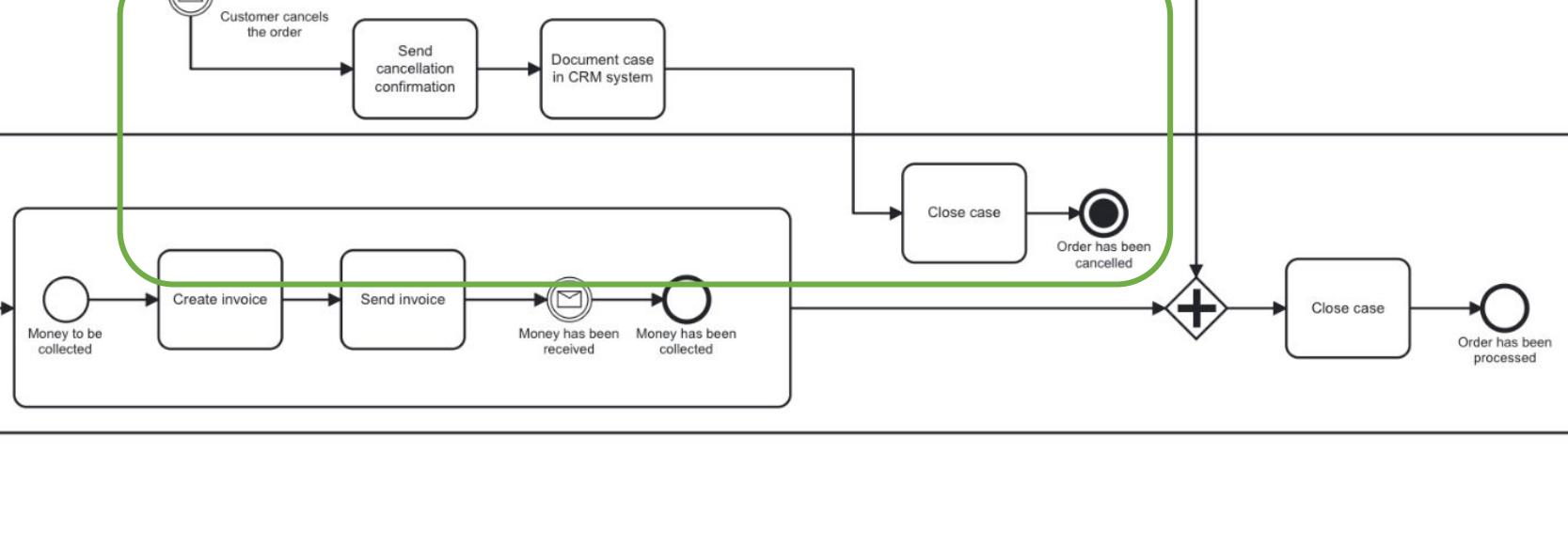
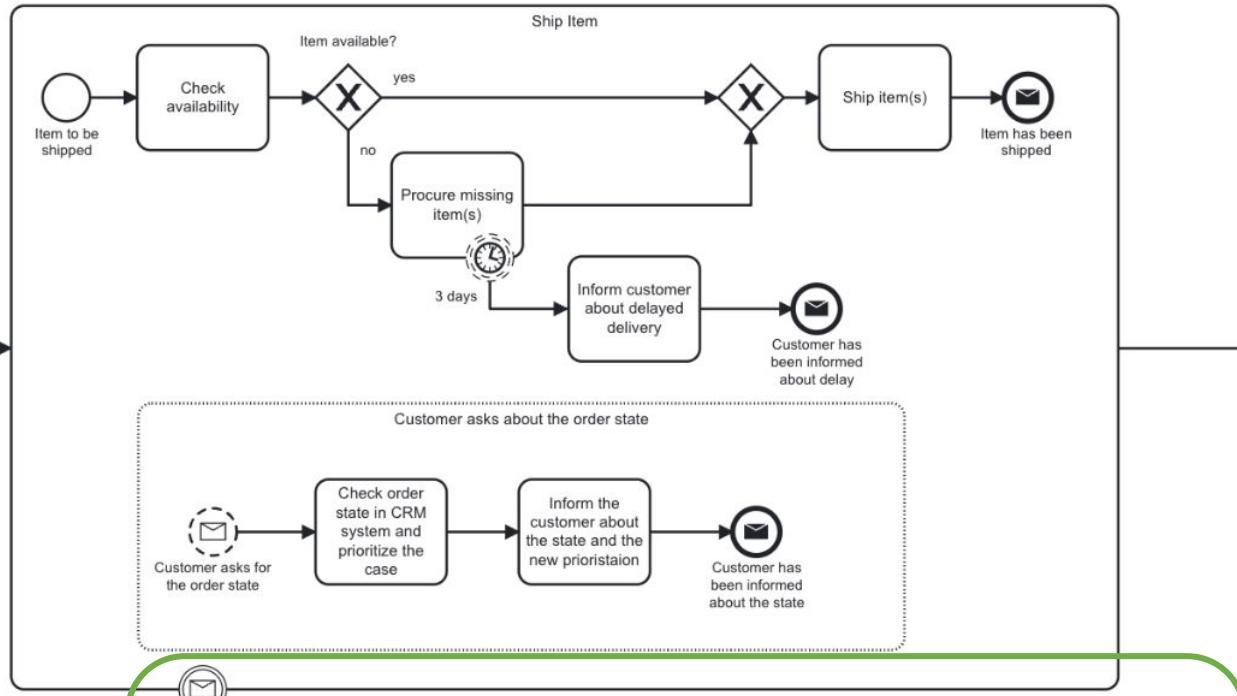


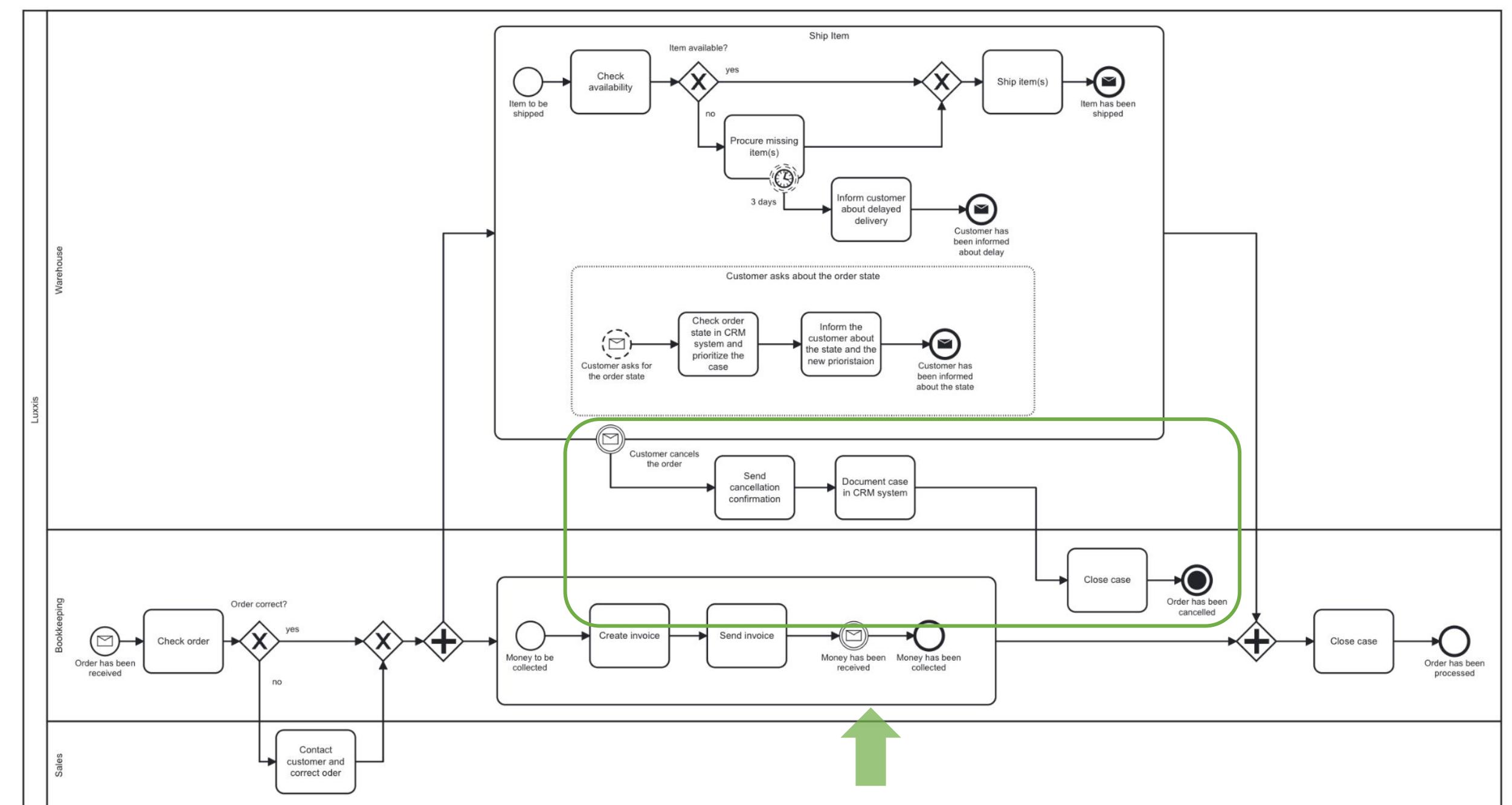
Warehouse

Luxxus

Bookkeeping

Sales



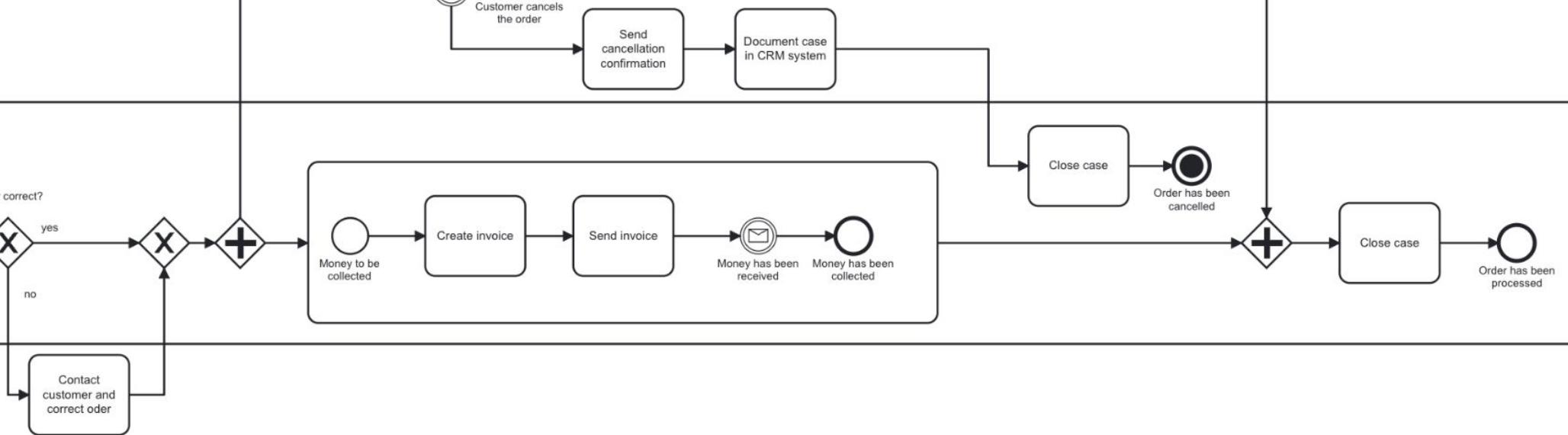
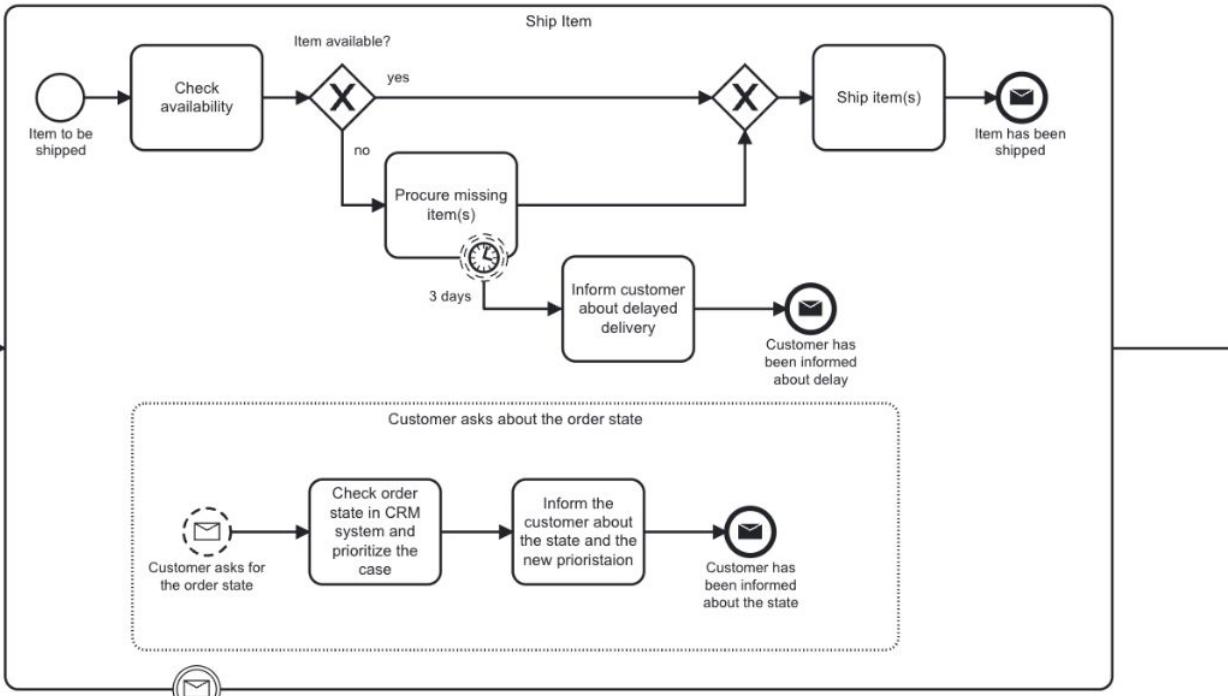


Warehouse

Luxxus

Bookkeeping

Sales

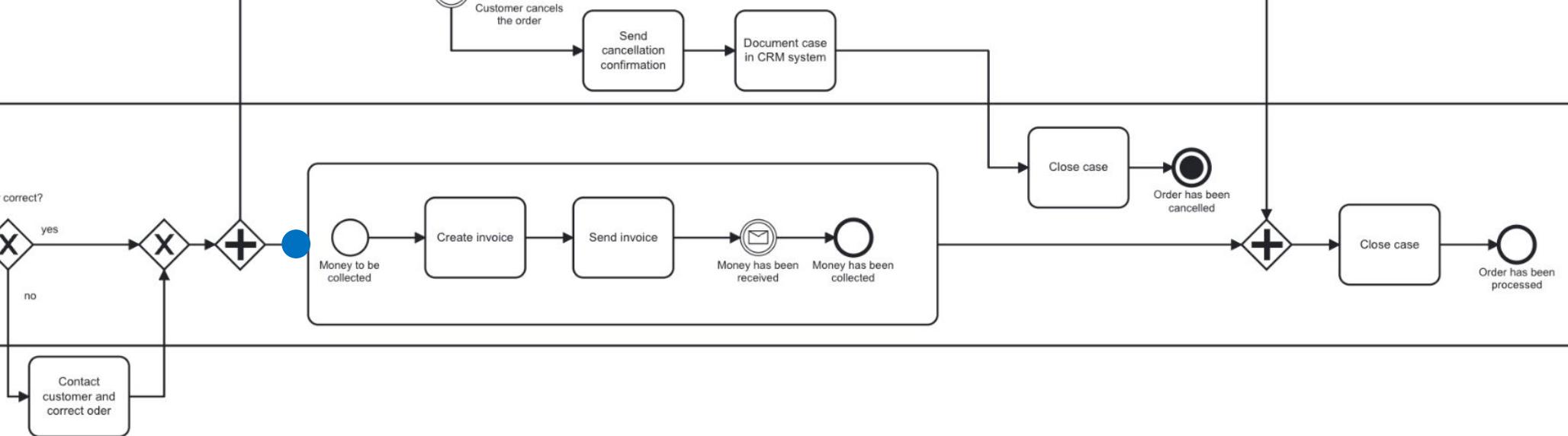
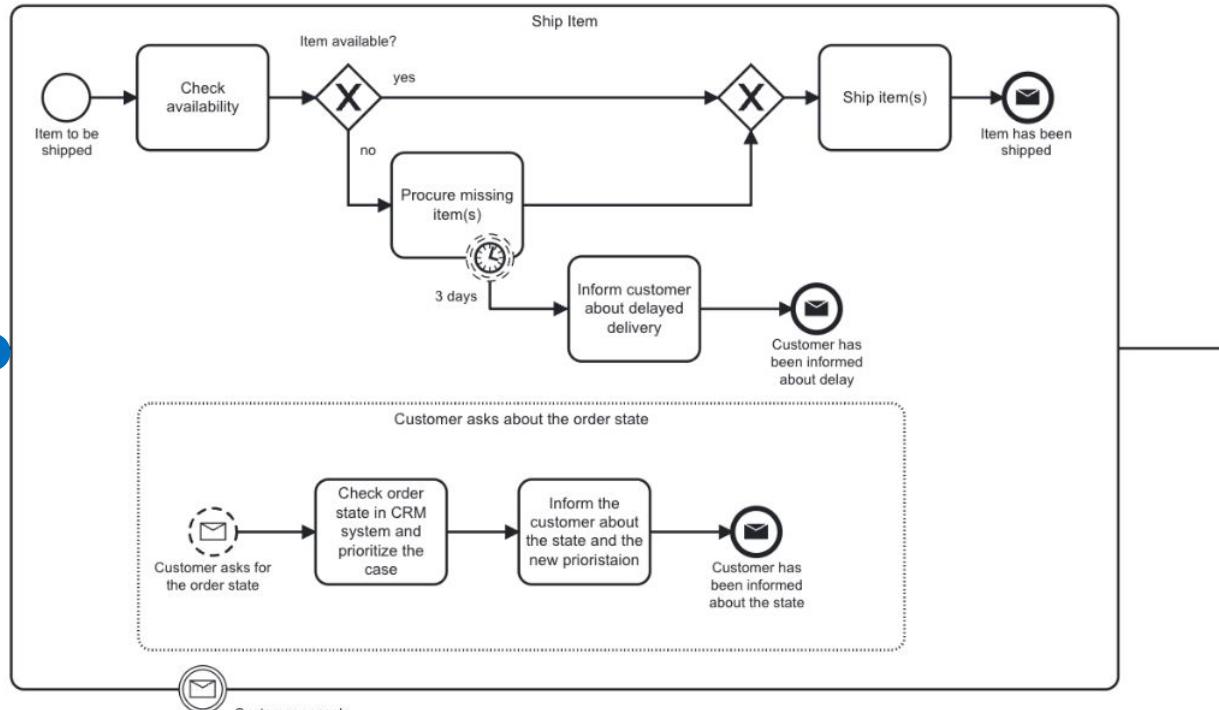


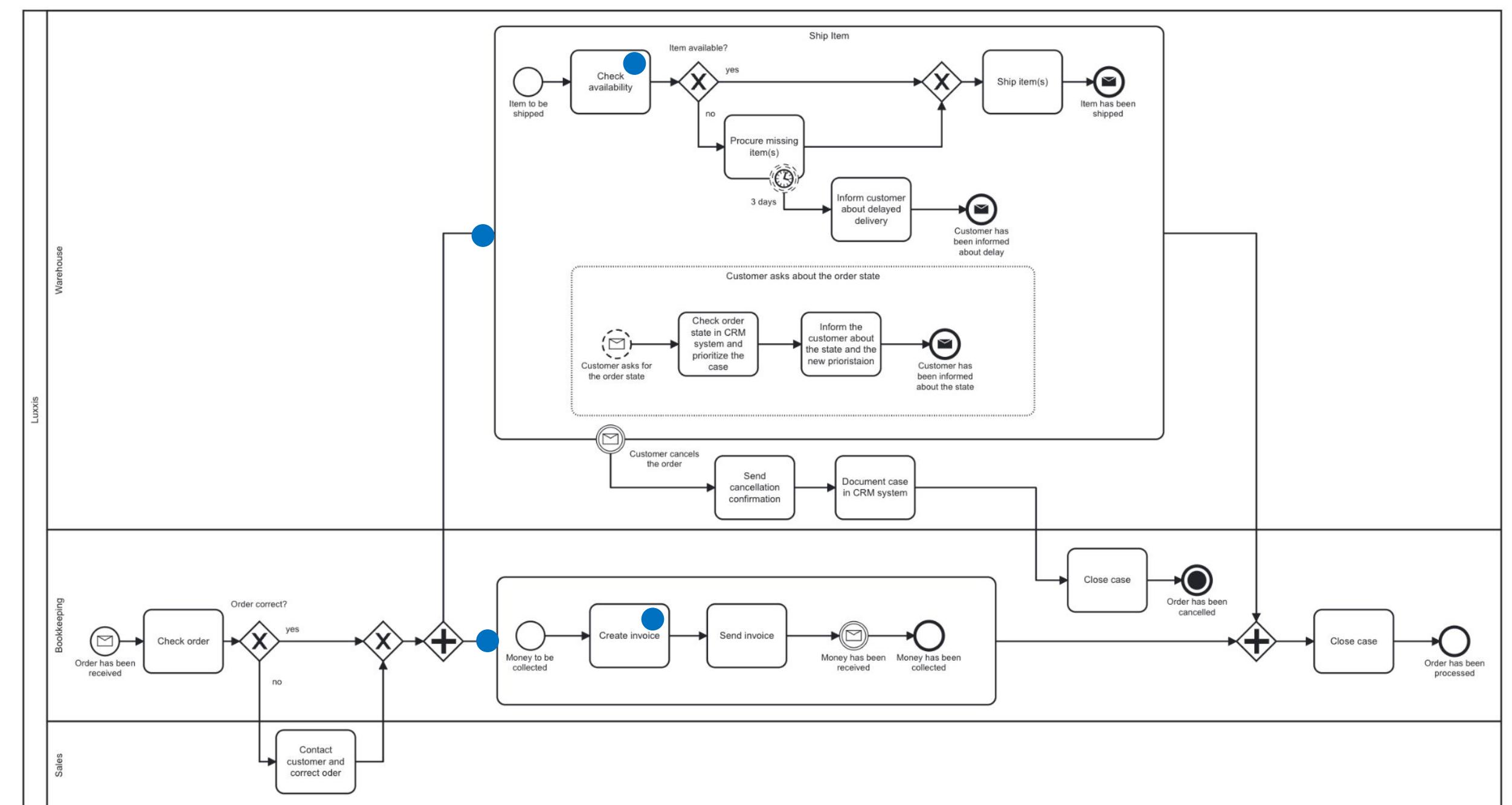
Warehouse

Luxxus

Bookkeeping

Sales



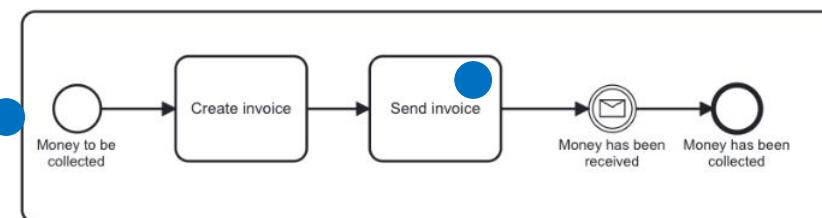
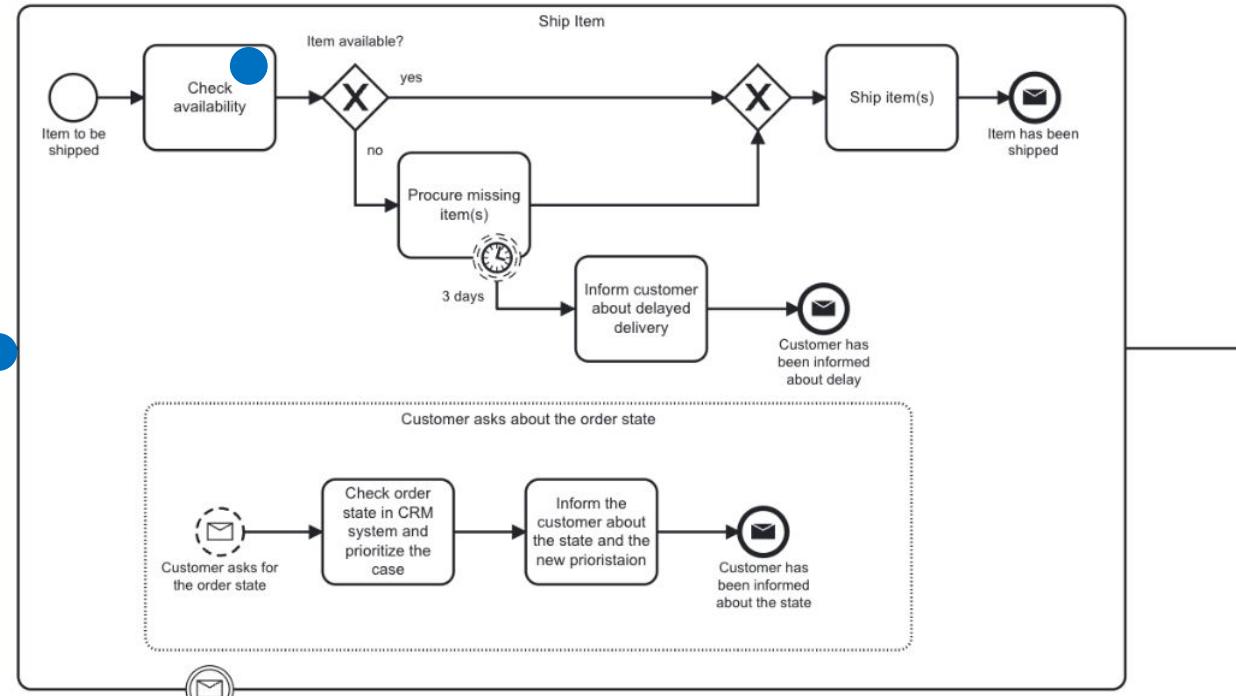


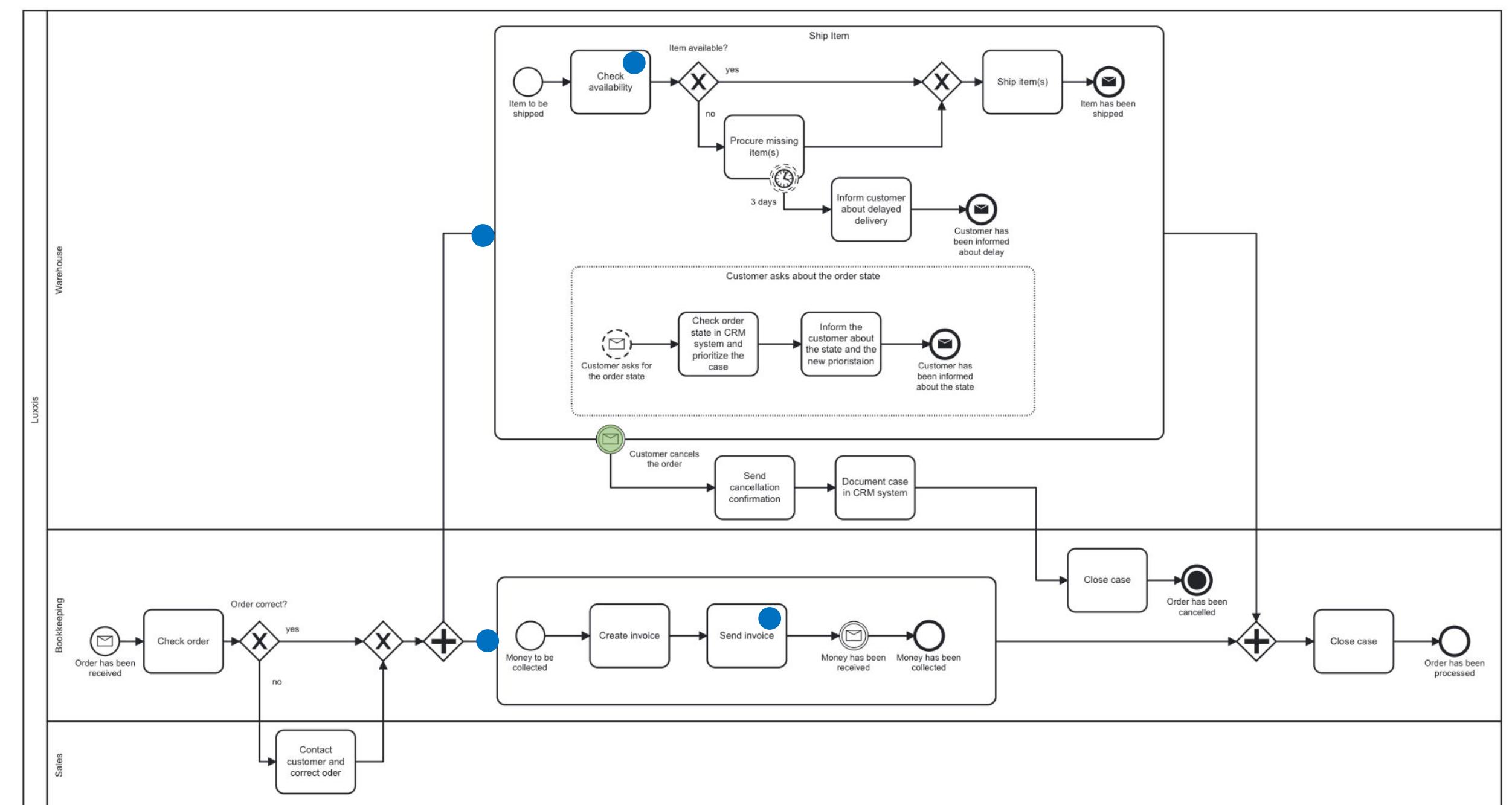
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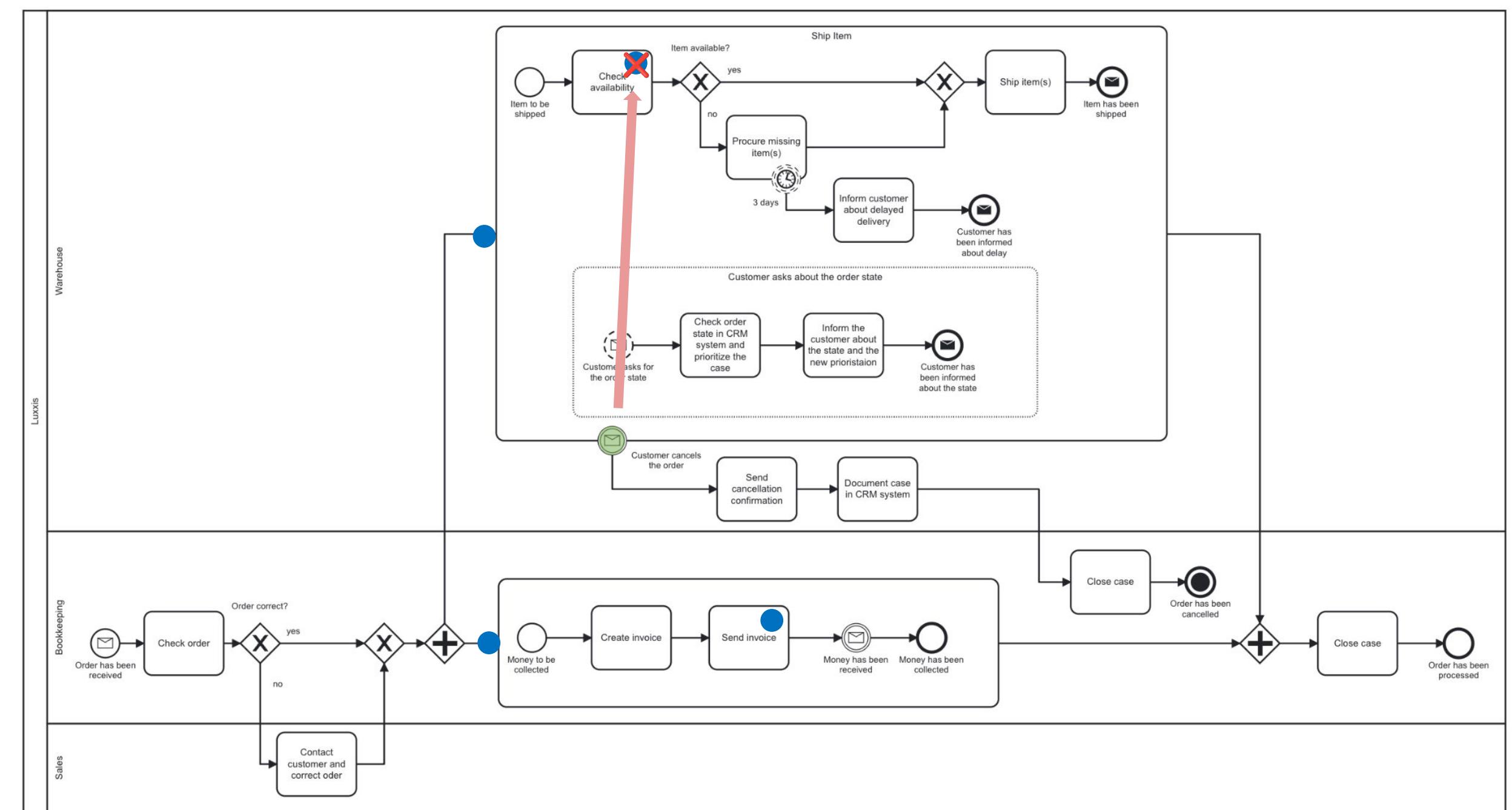
Luxxus

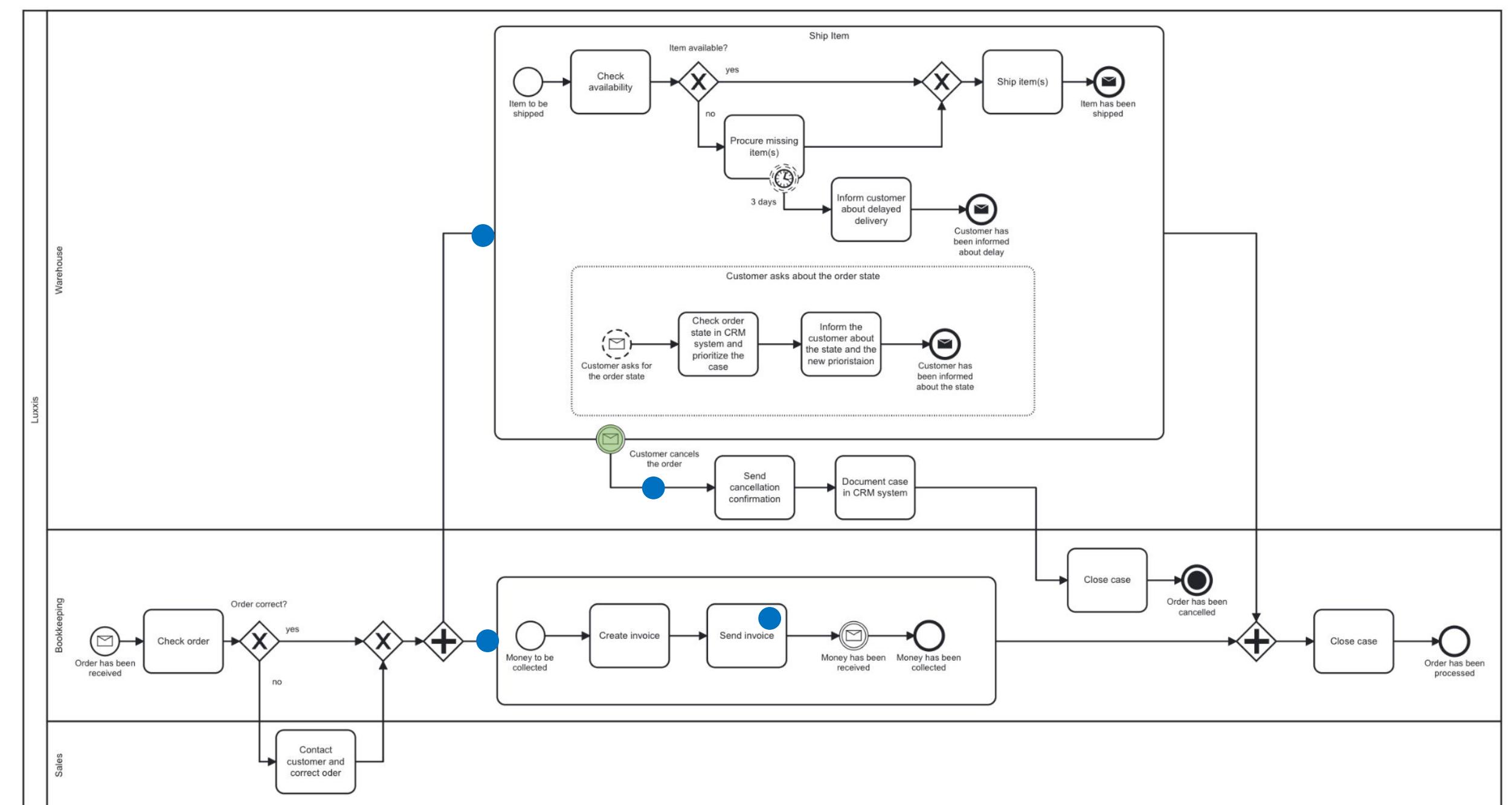
Bookkeeping

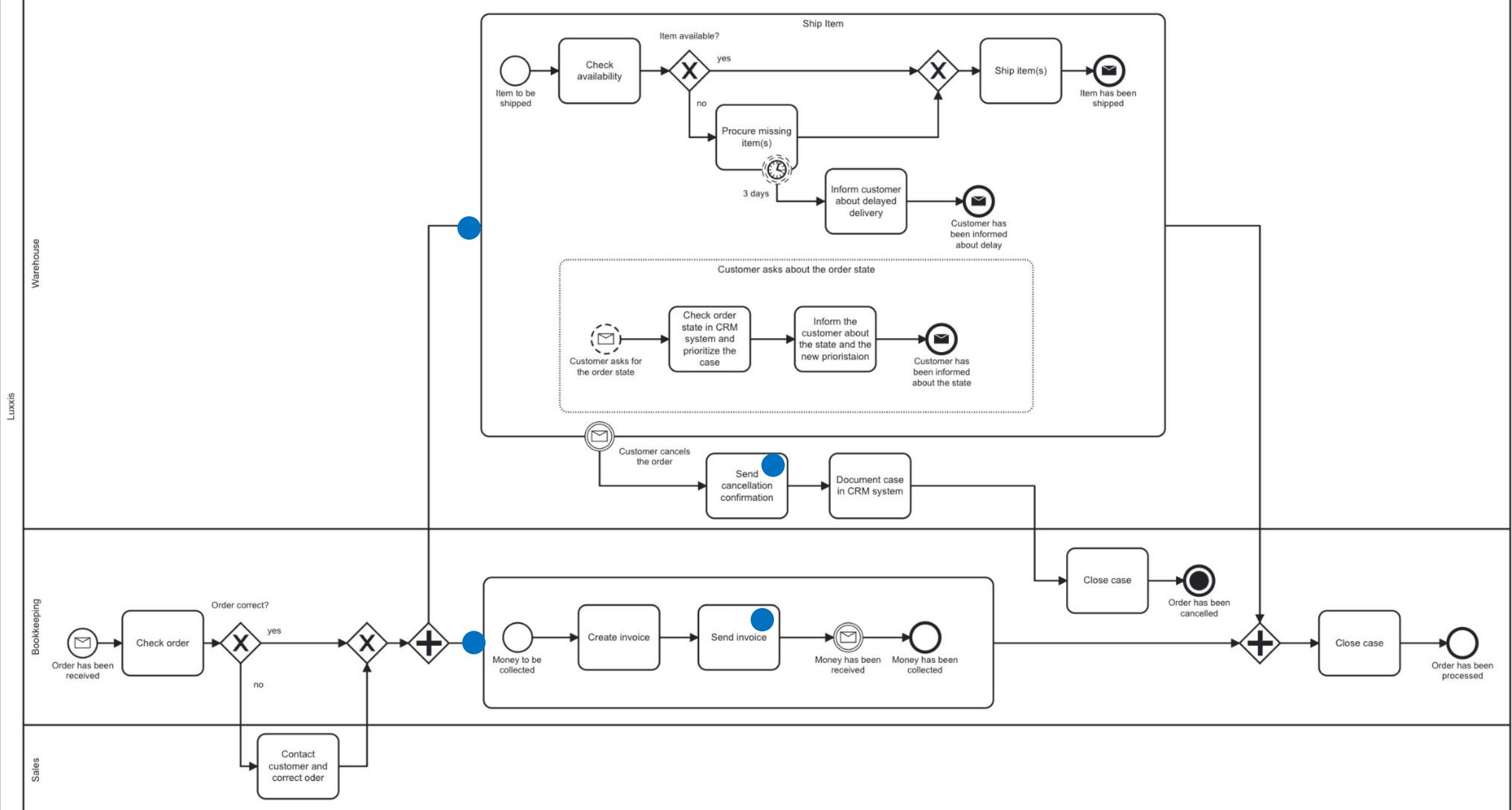
Sales

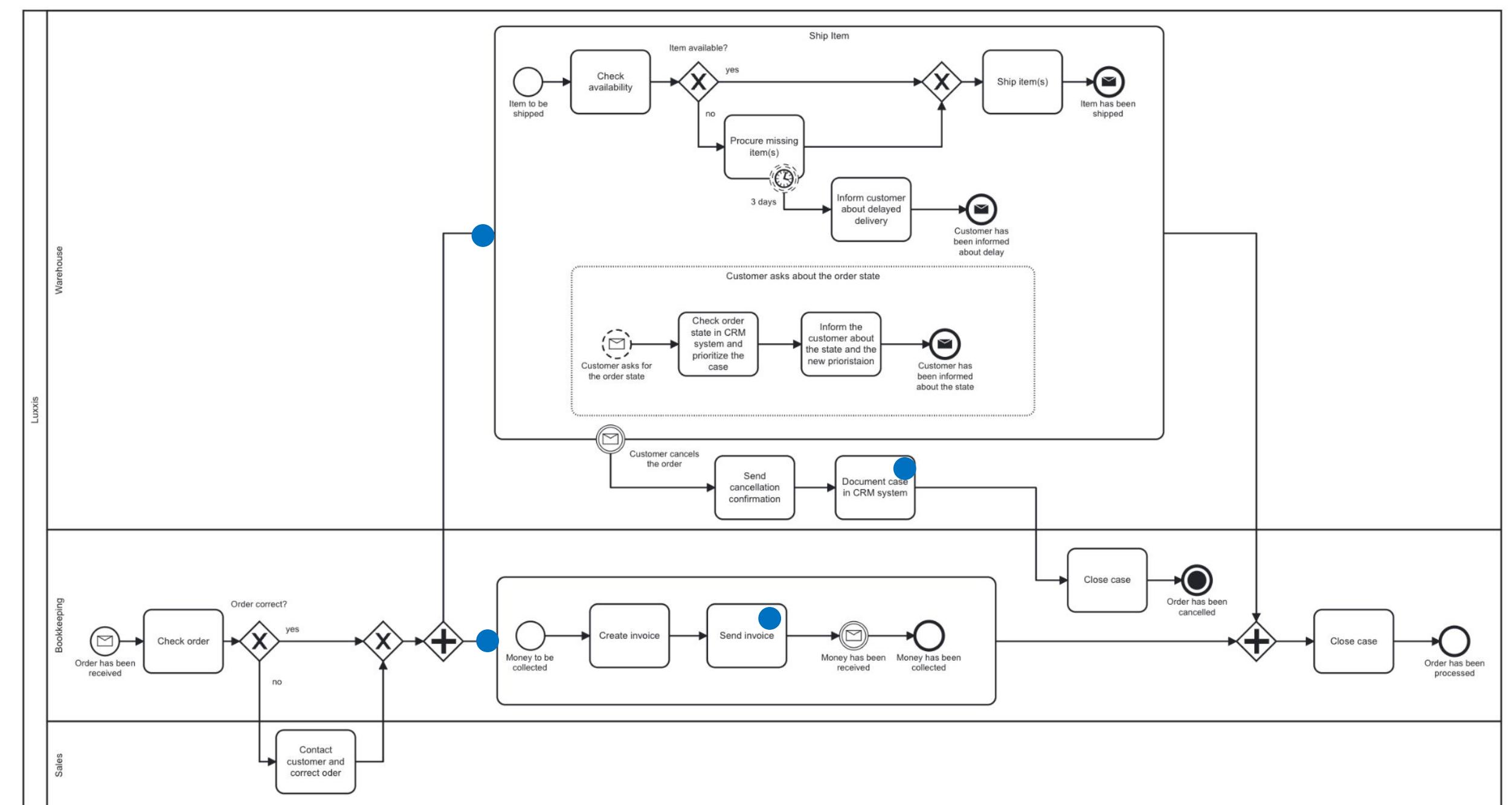










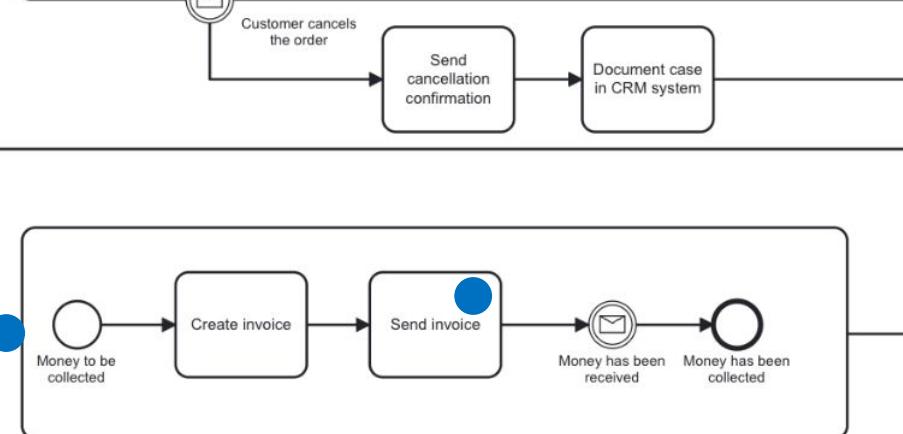
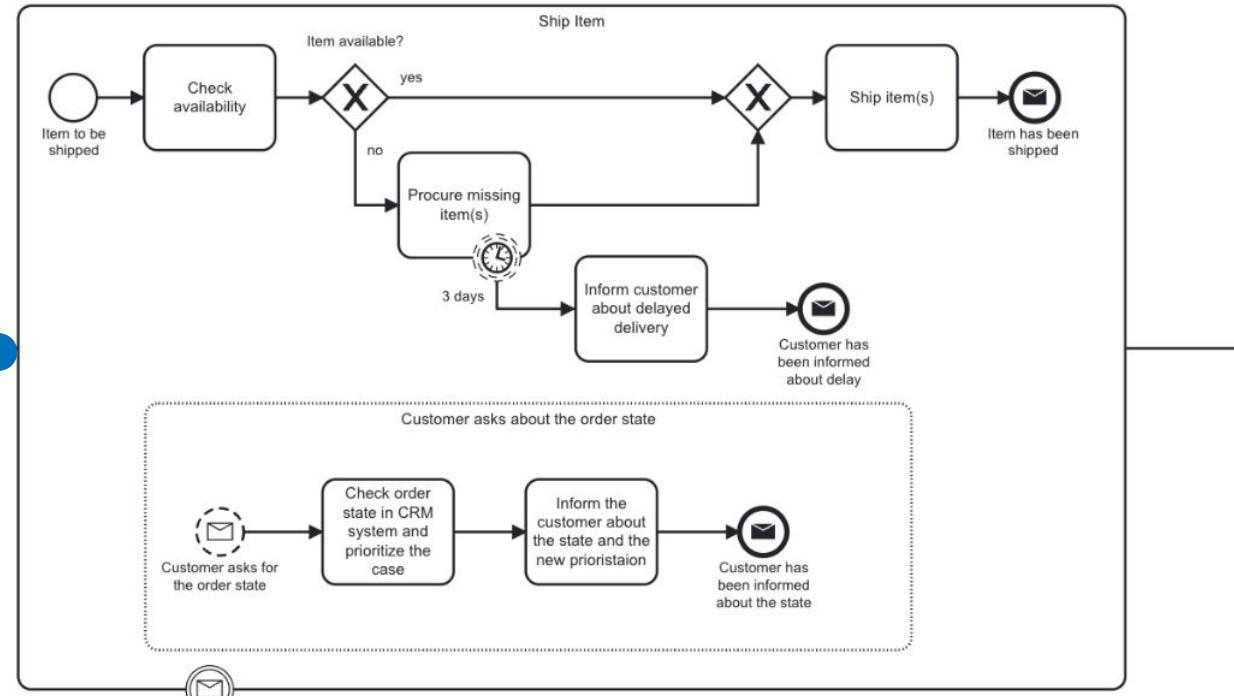


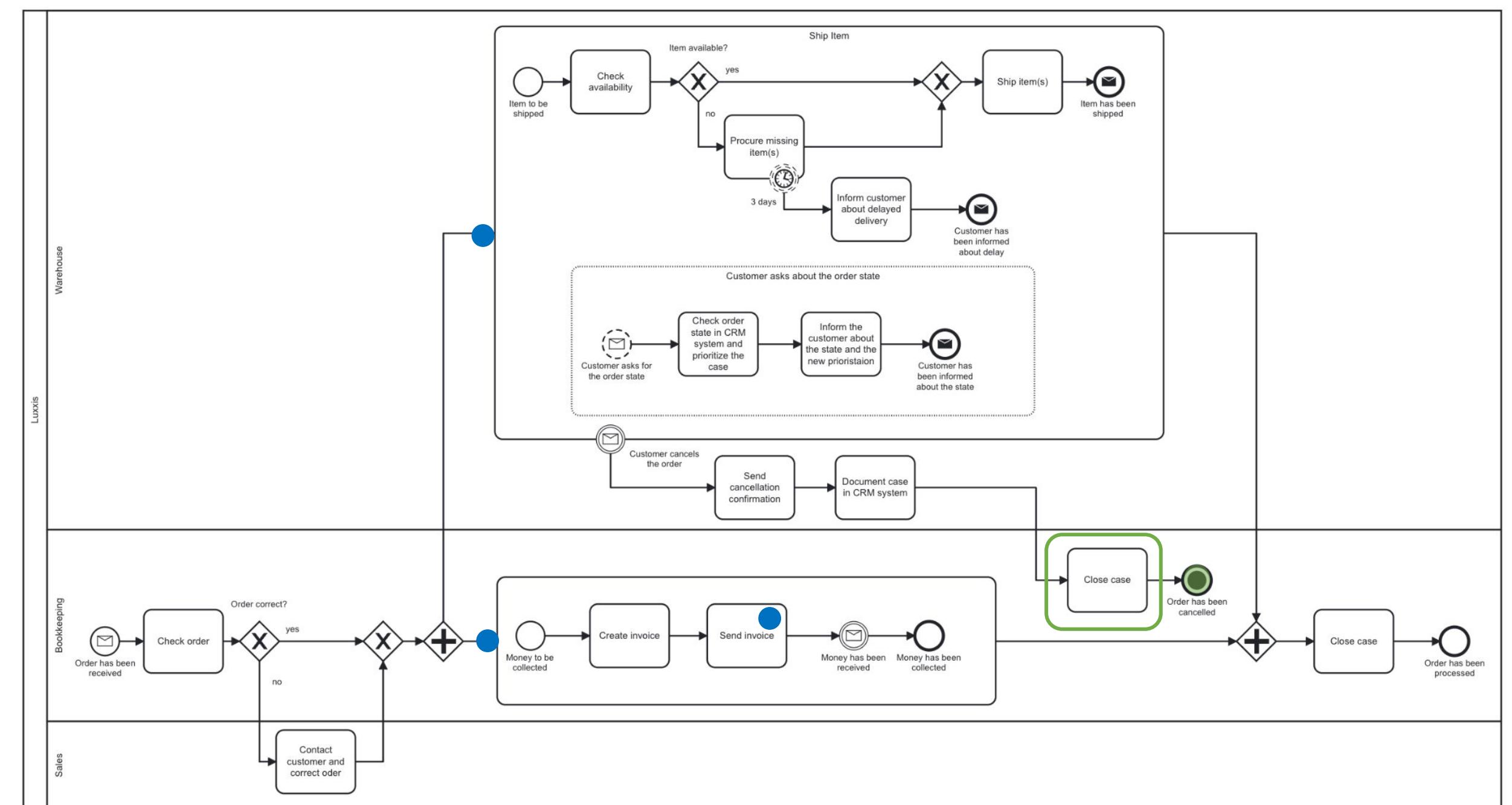
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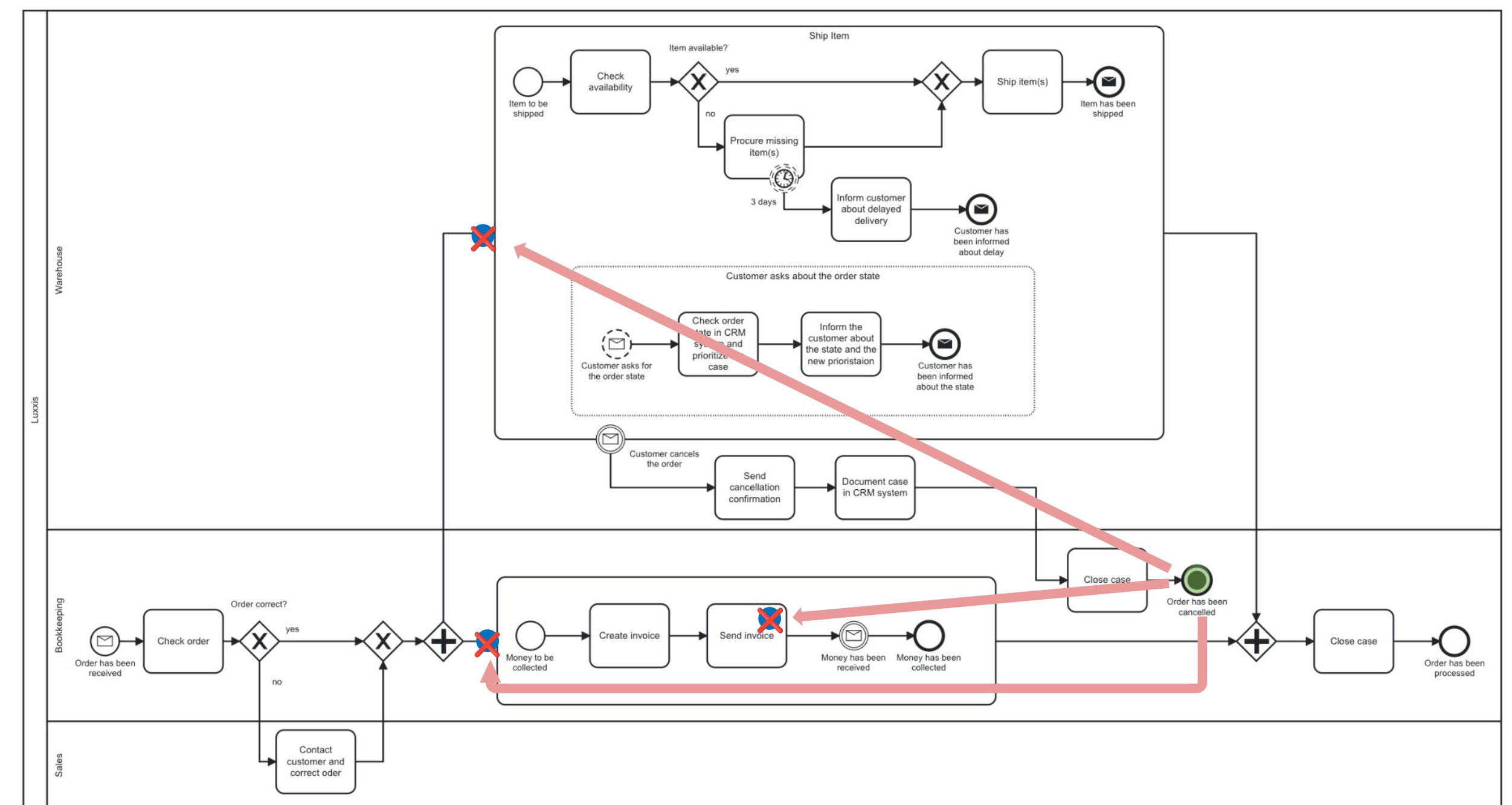
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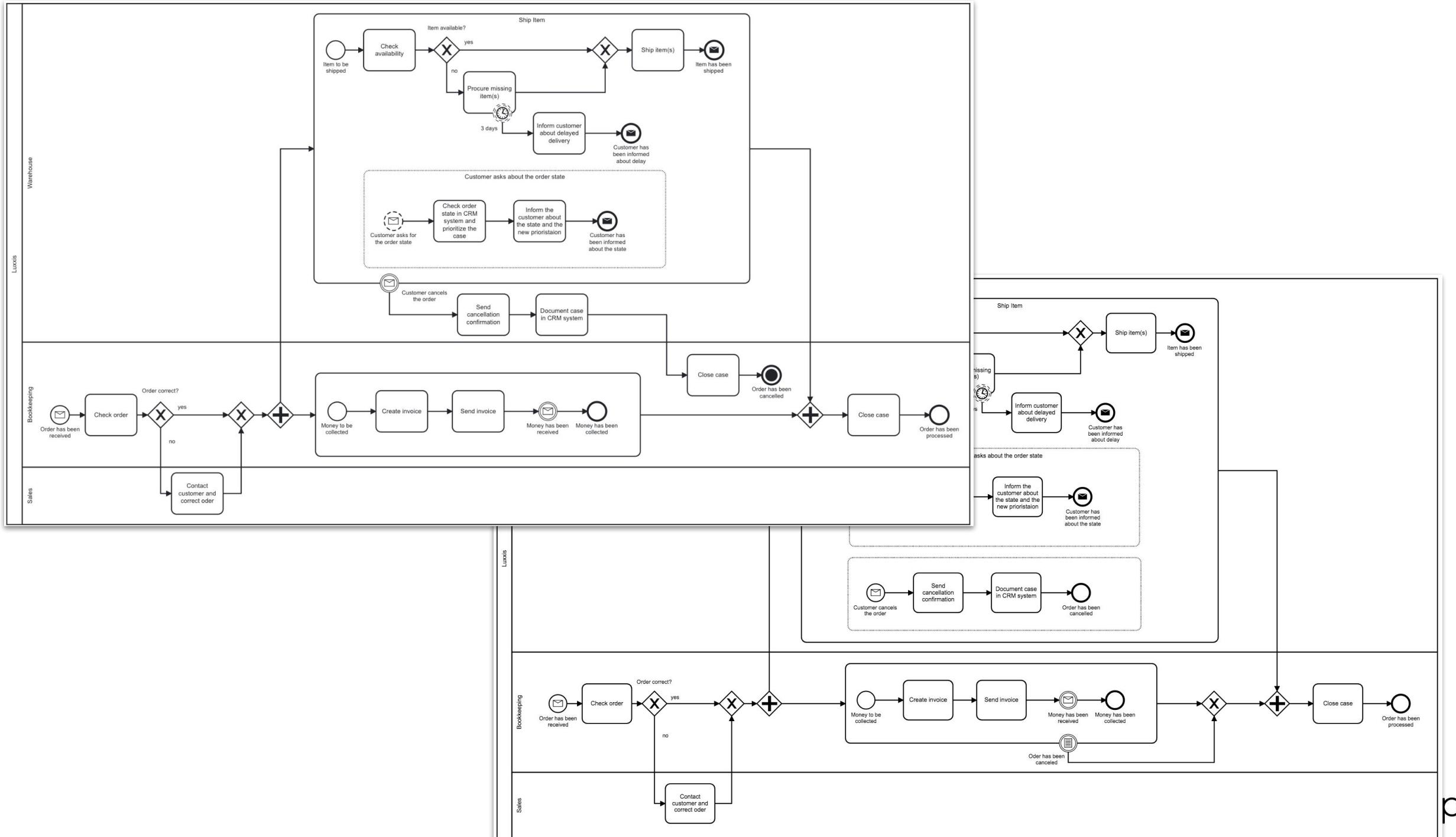
Bookkeeping

Sales











Sometimes, BPMN allows you to model the
same situation in different ways.



Select the option that provides the best
readability

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
Signal							
Error							
Escalat.							
Termin.							
Compen.							
Cancel							
Multi							
Multi Prll.							

Start			Intermediate				End
Normal	Event Subprocess	Event Subprocess non interrupting	Catch	Boundary	Boundary non interrupting	Throw	Normal
Signal							
Error							
Escalat.							
Termin.							
Compen.							
Cancel							
Multi							
Multi Prll.							

BPMN Use Case





Nilla Care

- Nilla Care is a small hospital that takes process and risk management serious
- As for any organisation in the health care sector, security is a top priority



Nilla Care

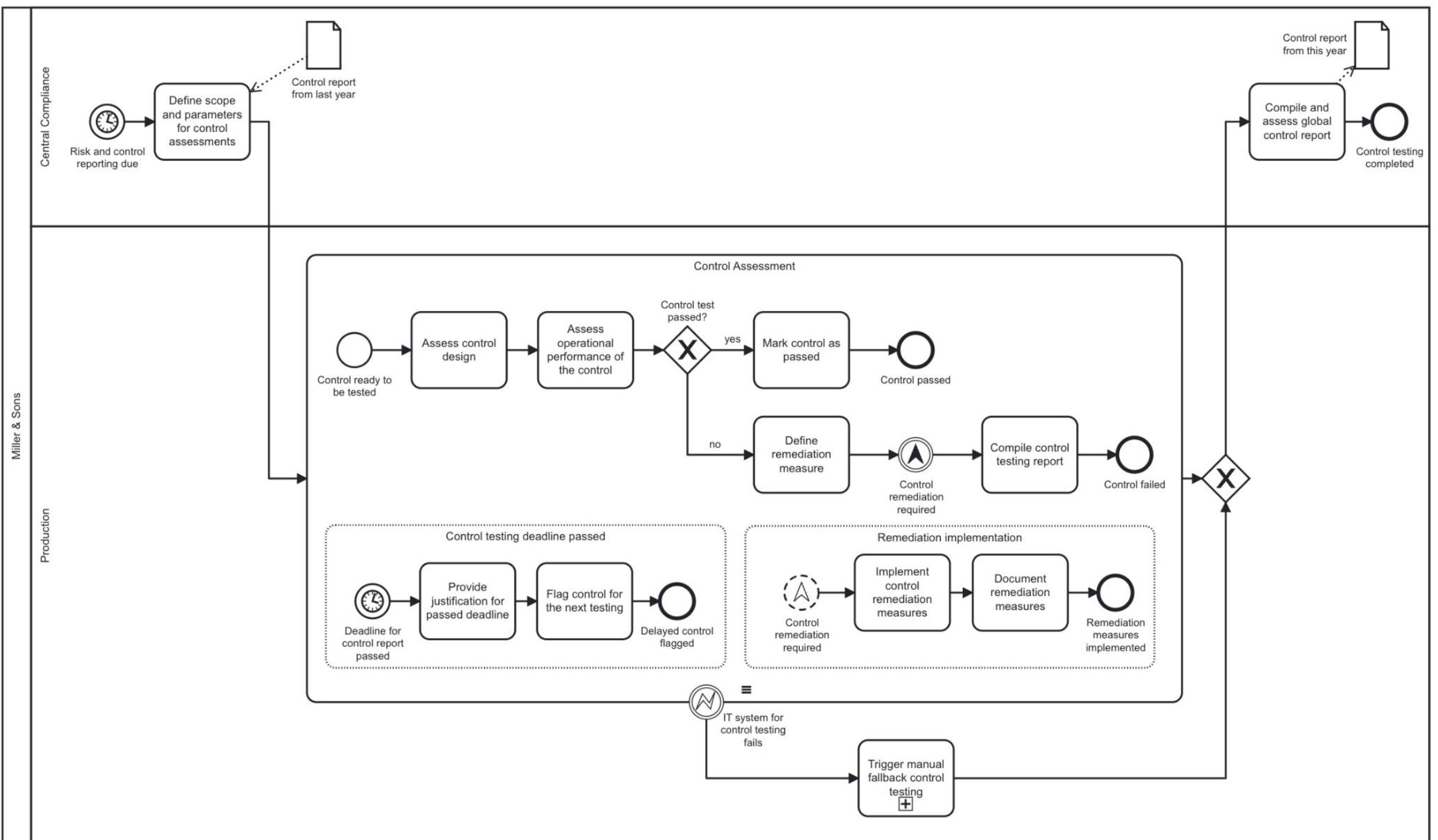
- To minimise risks and failures, Nilla Care implemented sophisticated controls
- These controls are checked and tested regularly to ensure they work and mitigate the risks

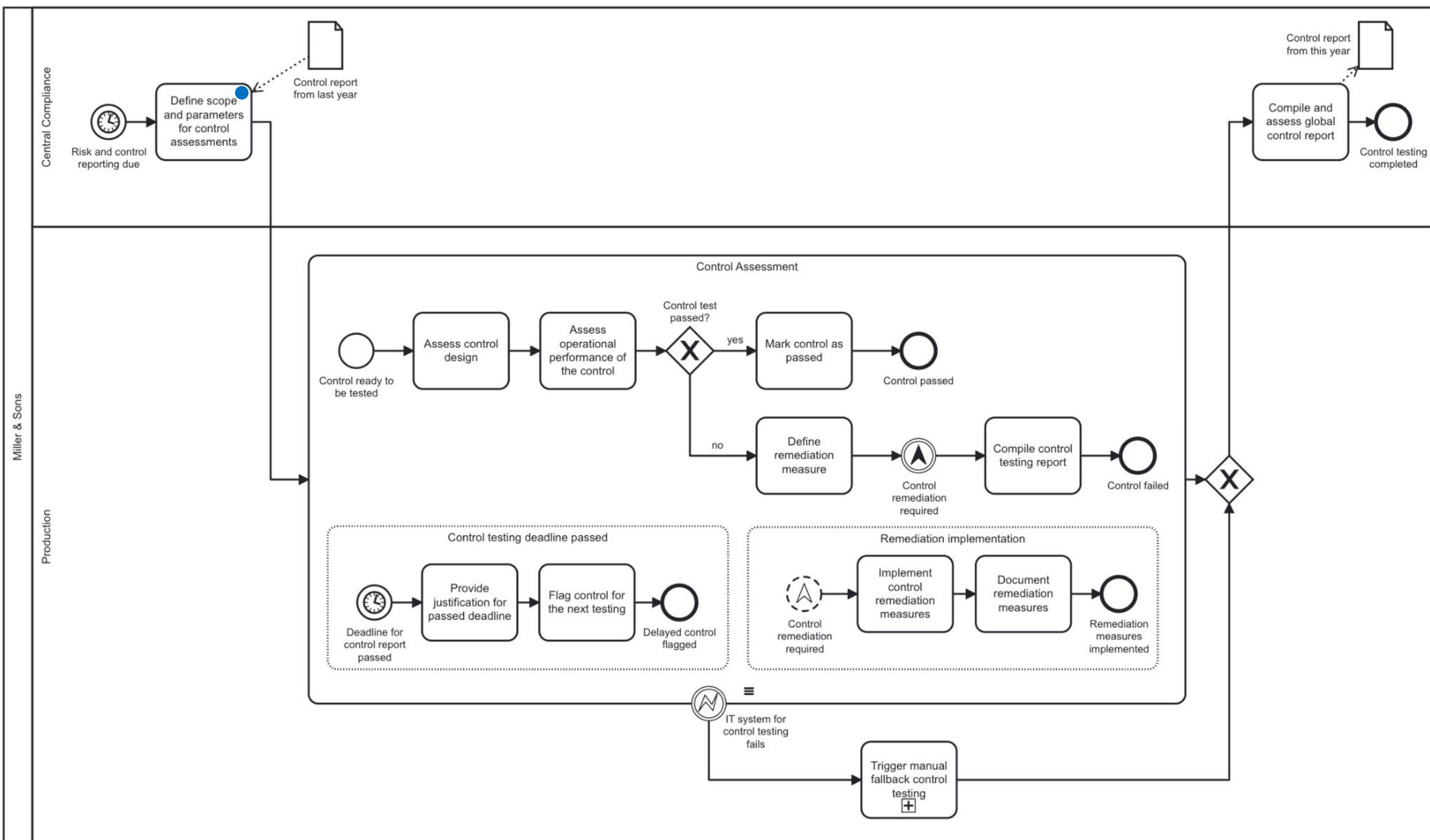


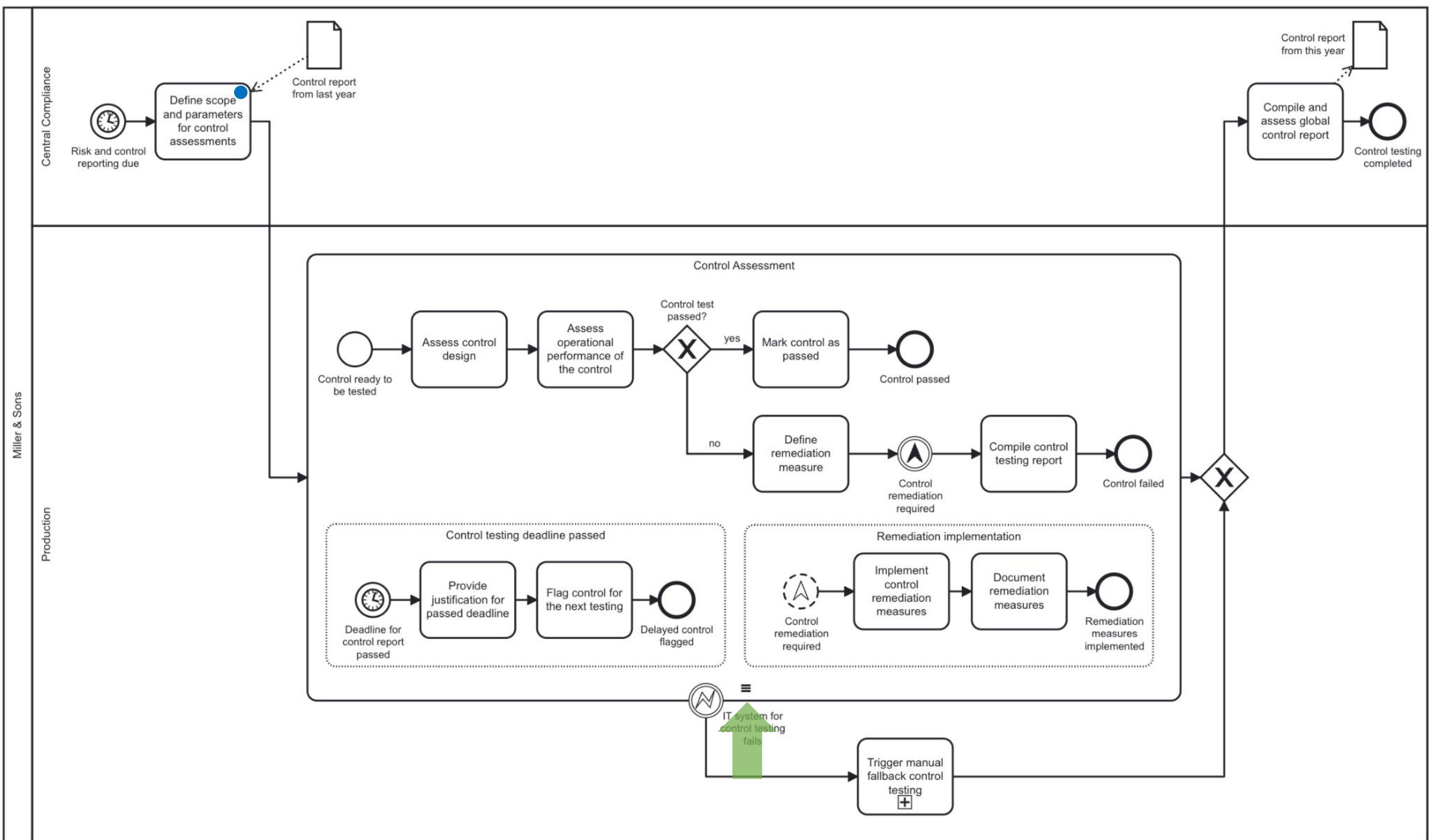
This quarter, Nilla Care wants to test 10 controls

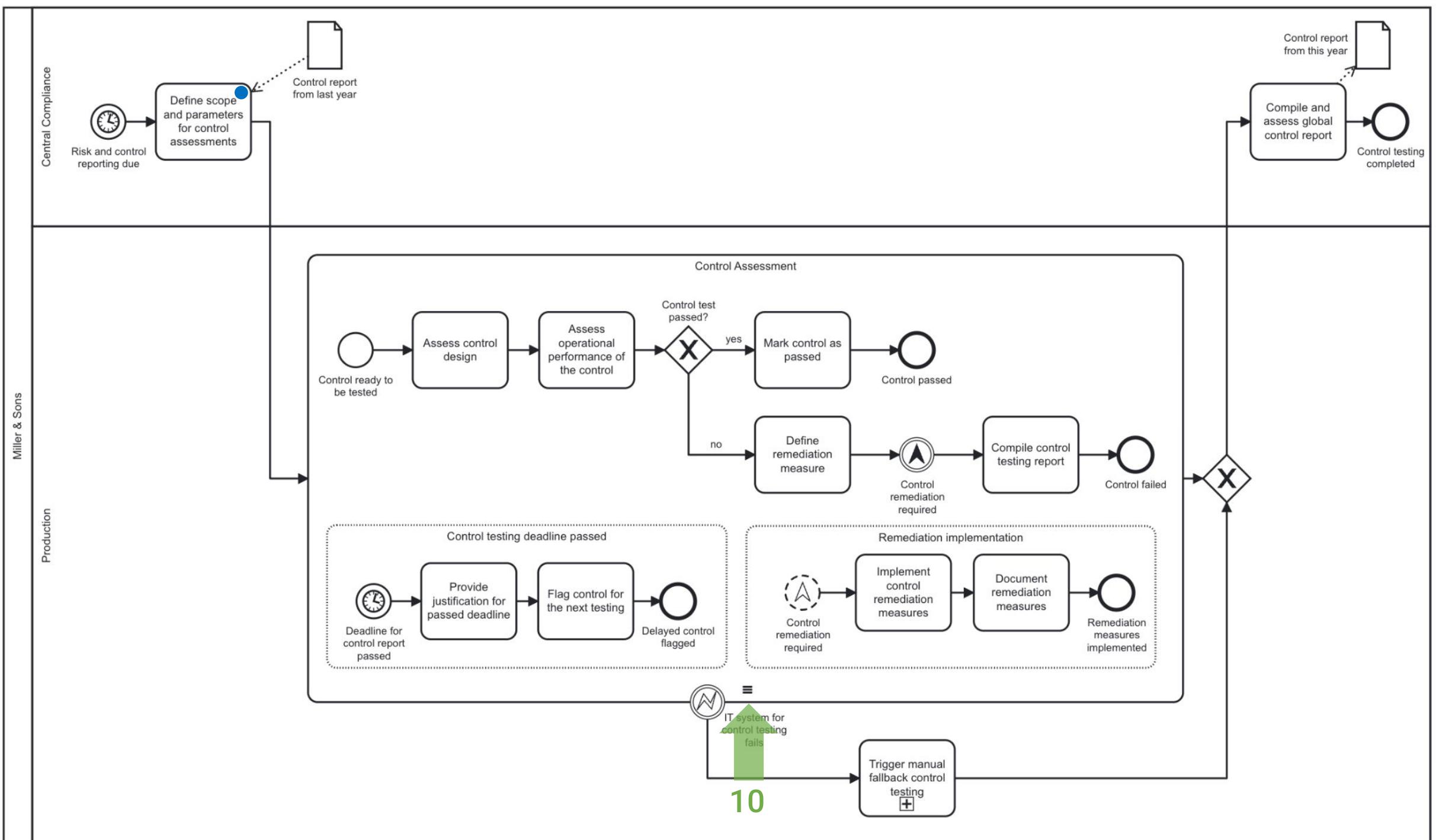


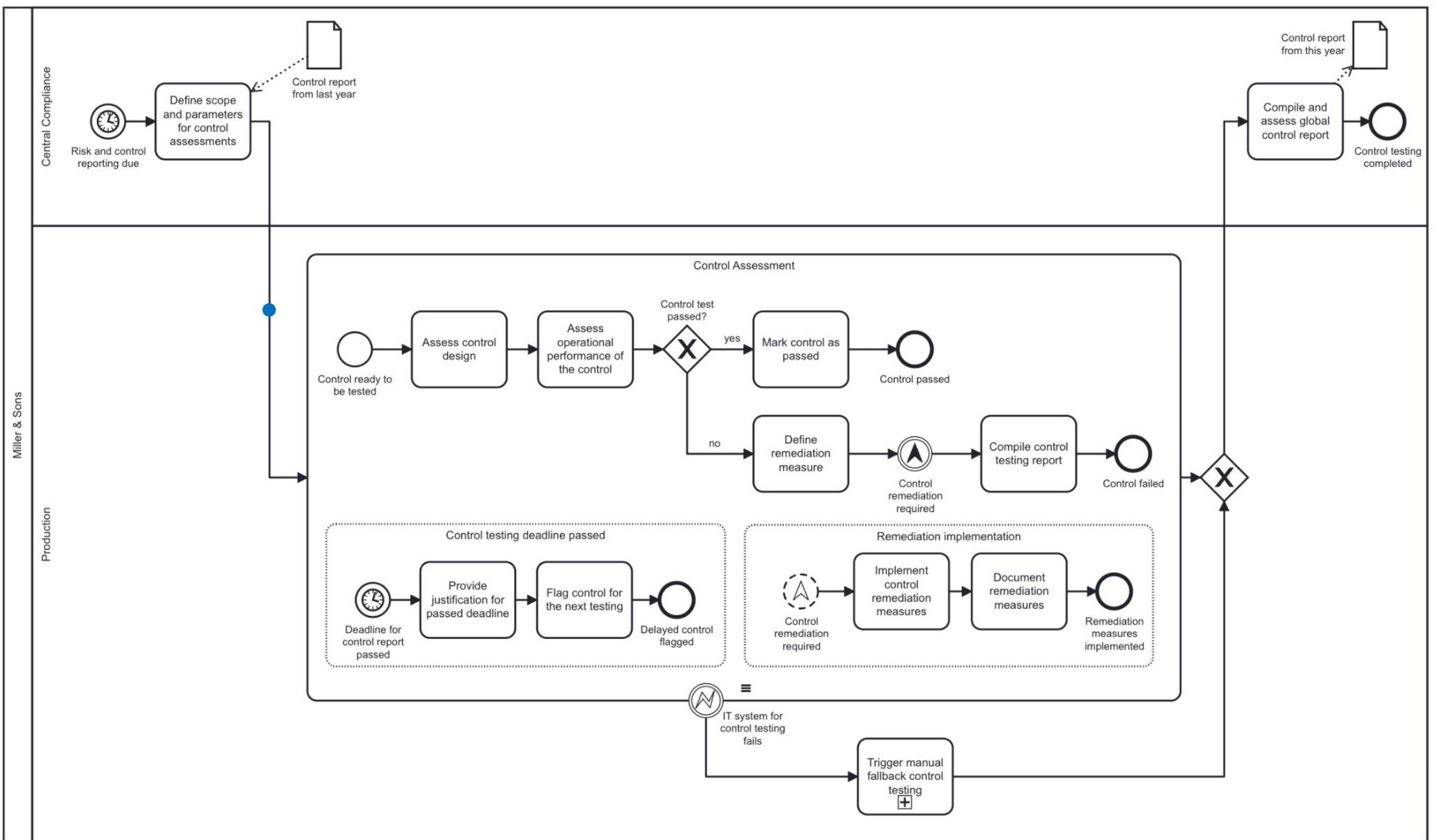
The first 6 pass, without issues, let's see
how that went

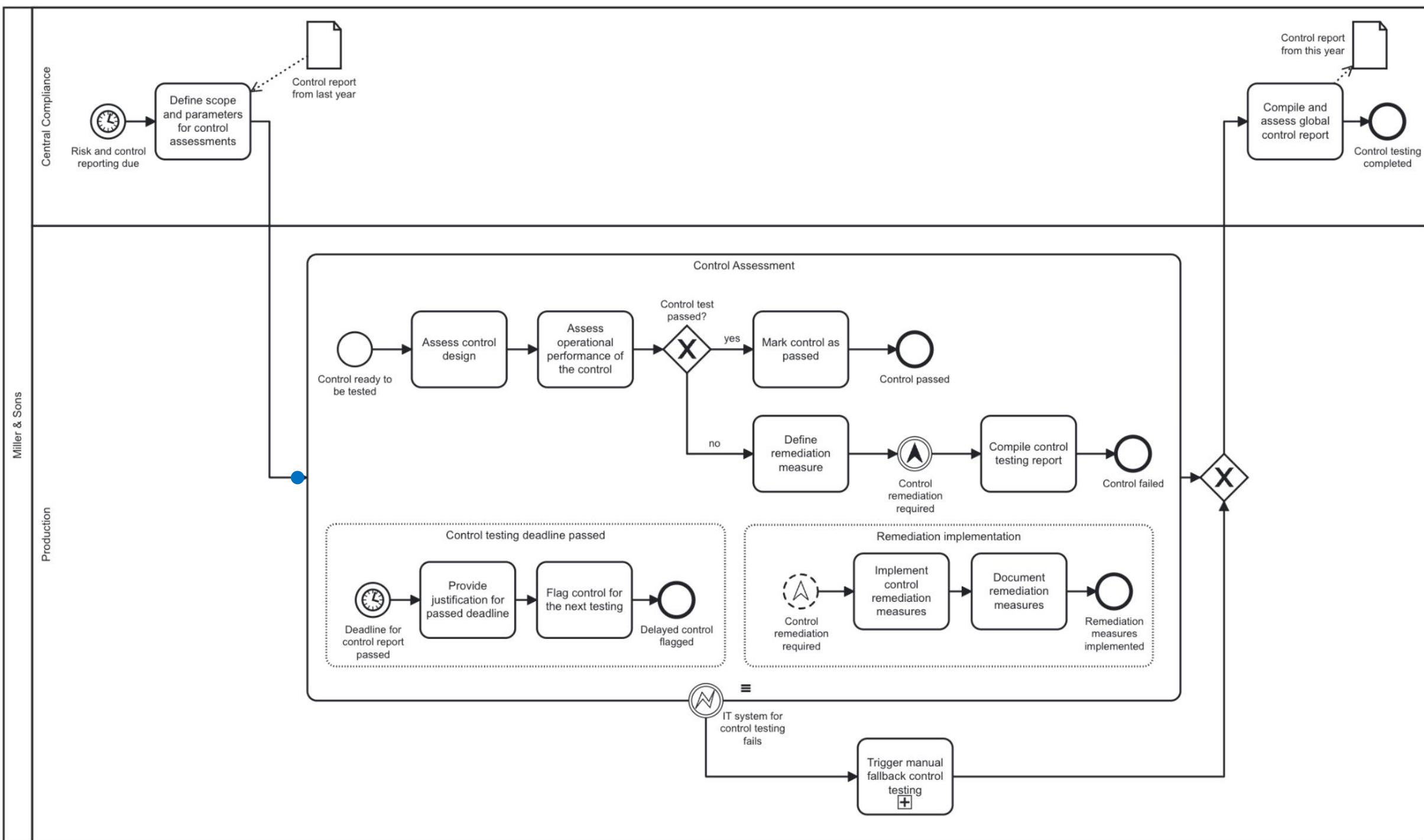


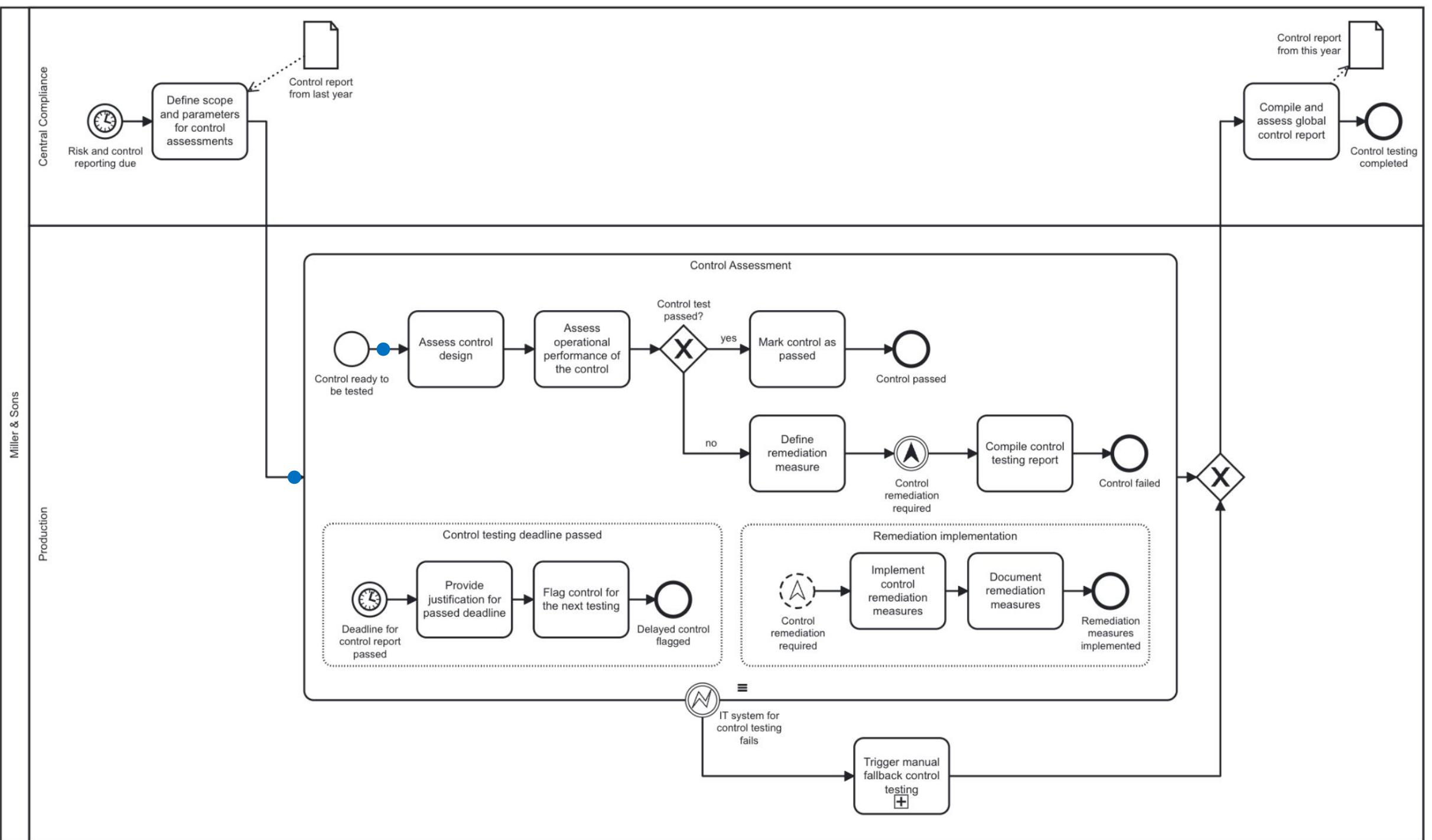


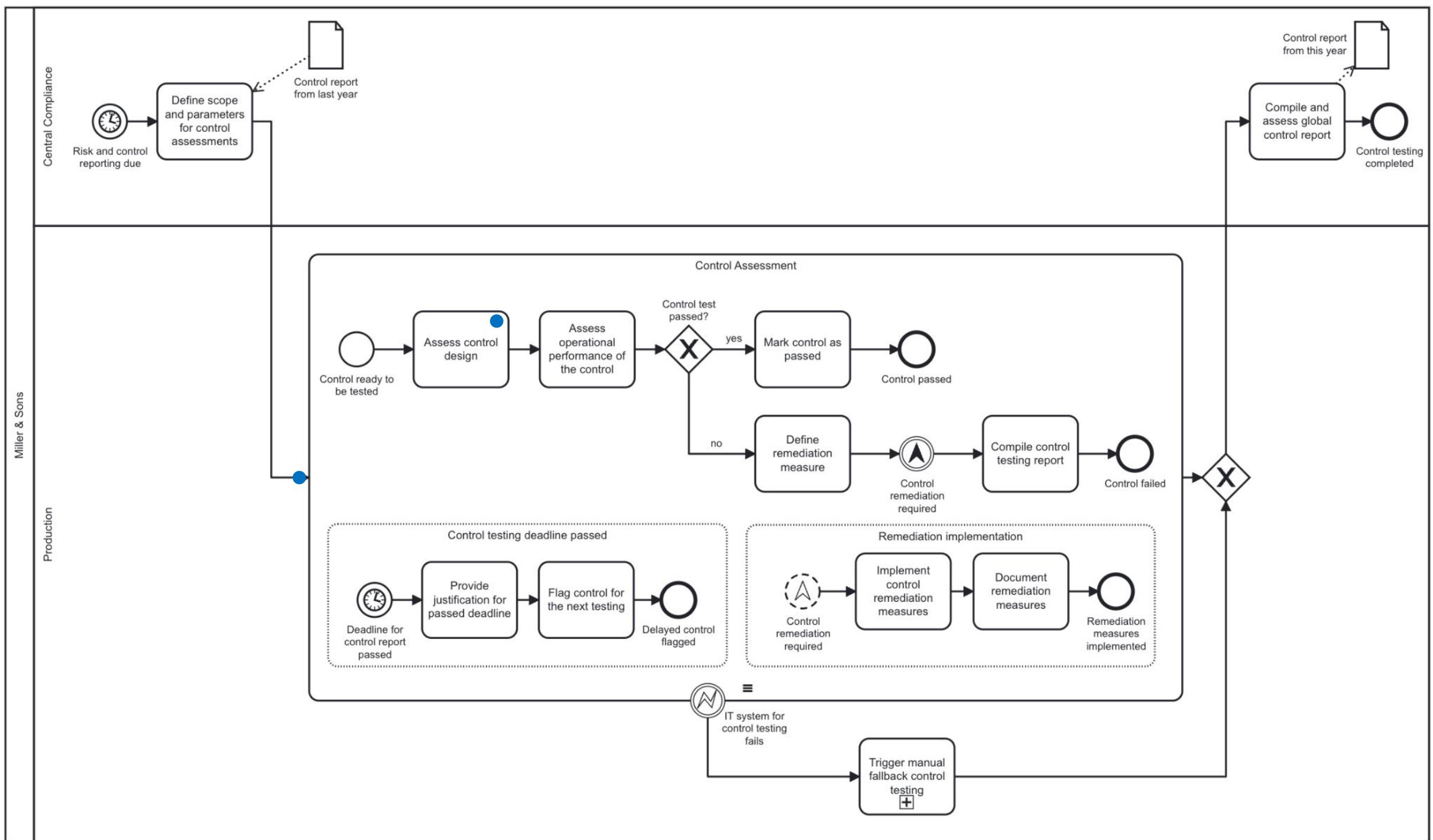


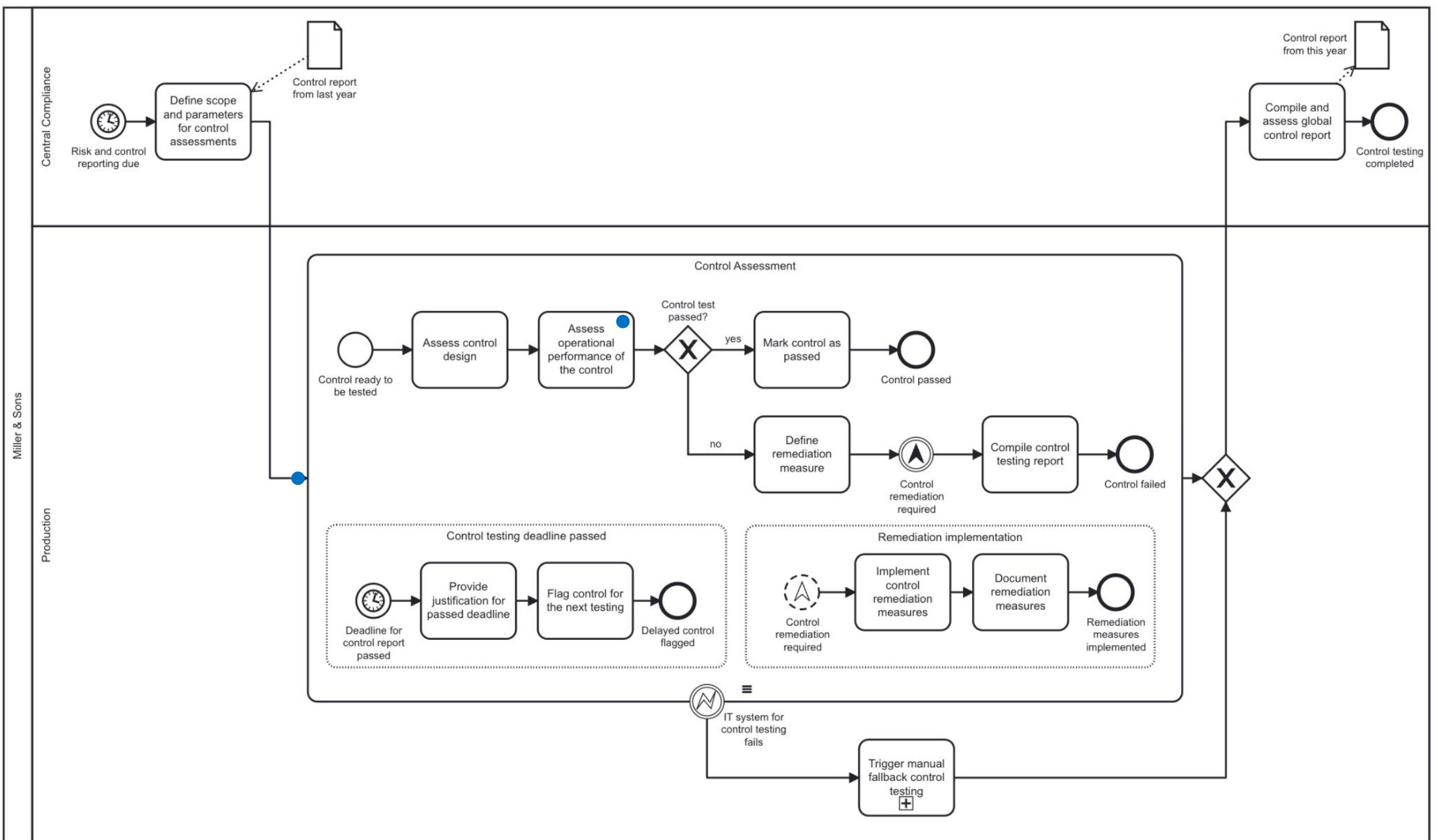


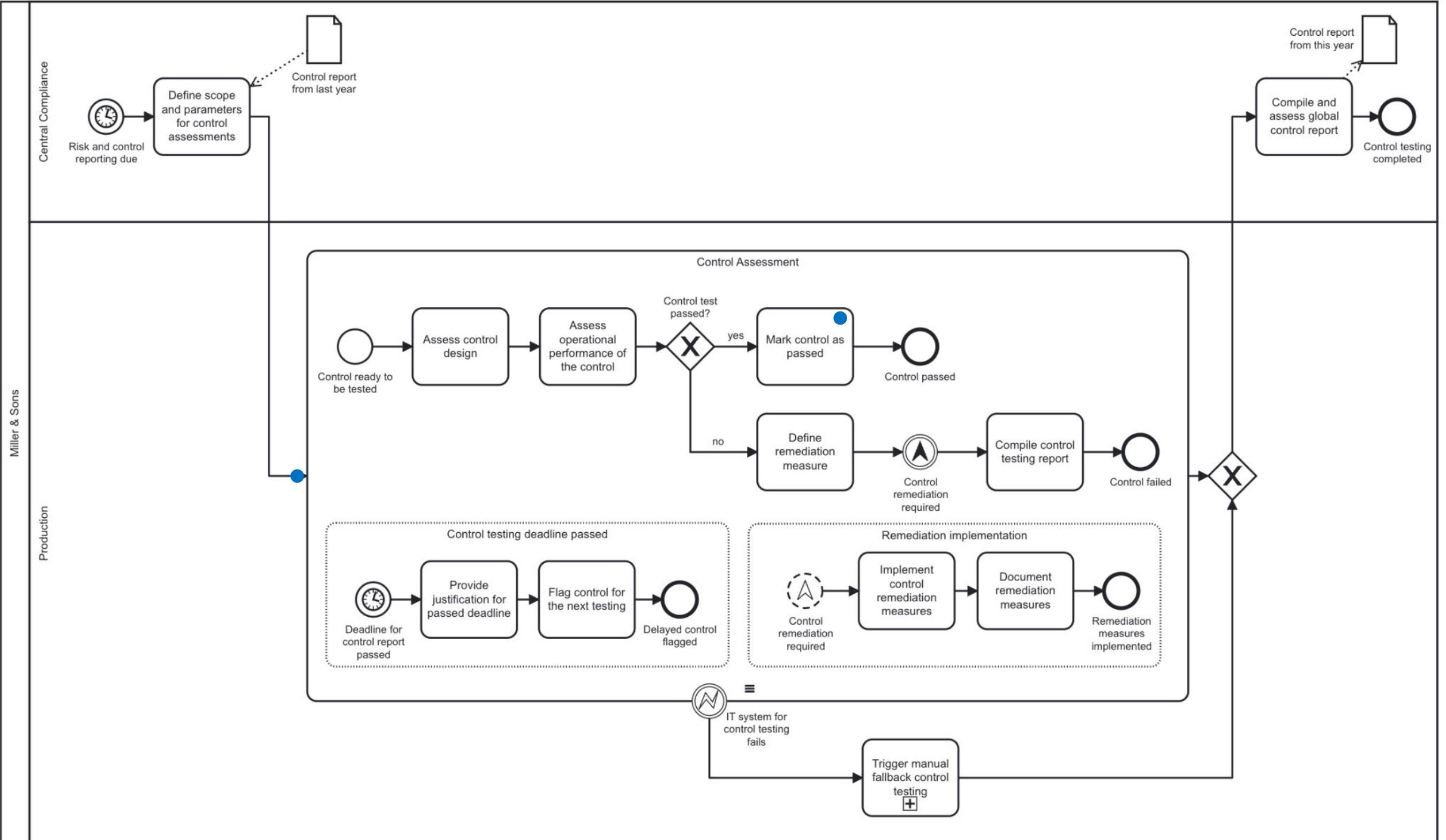


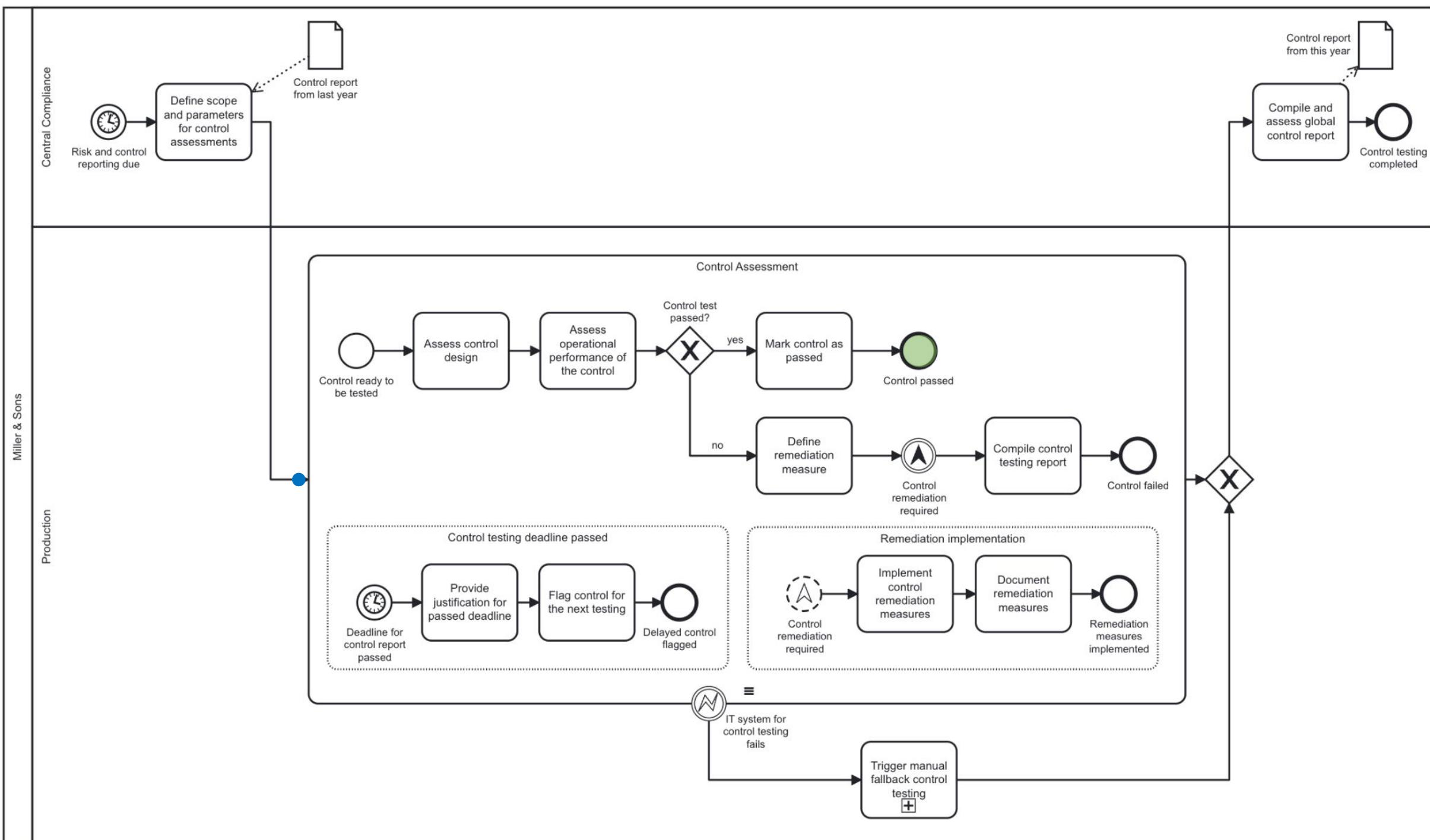


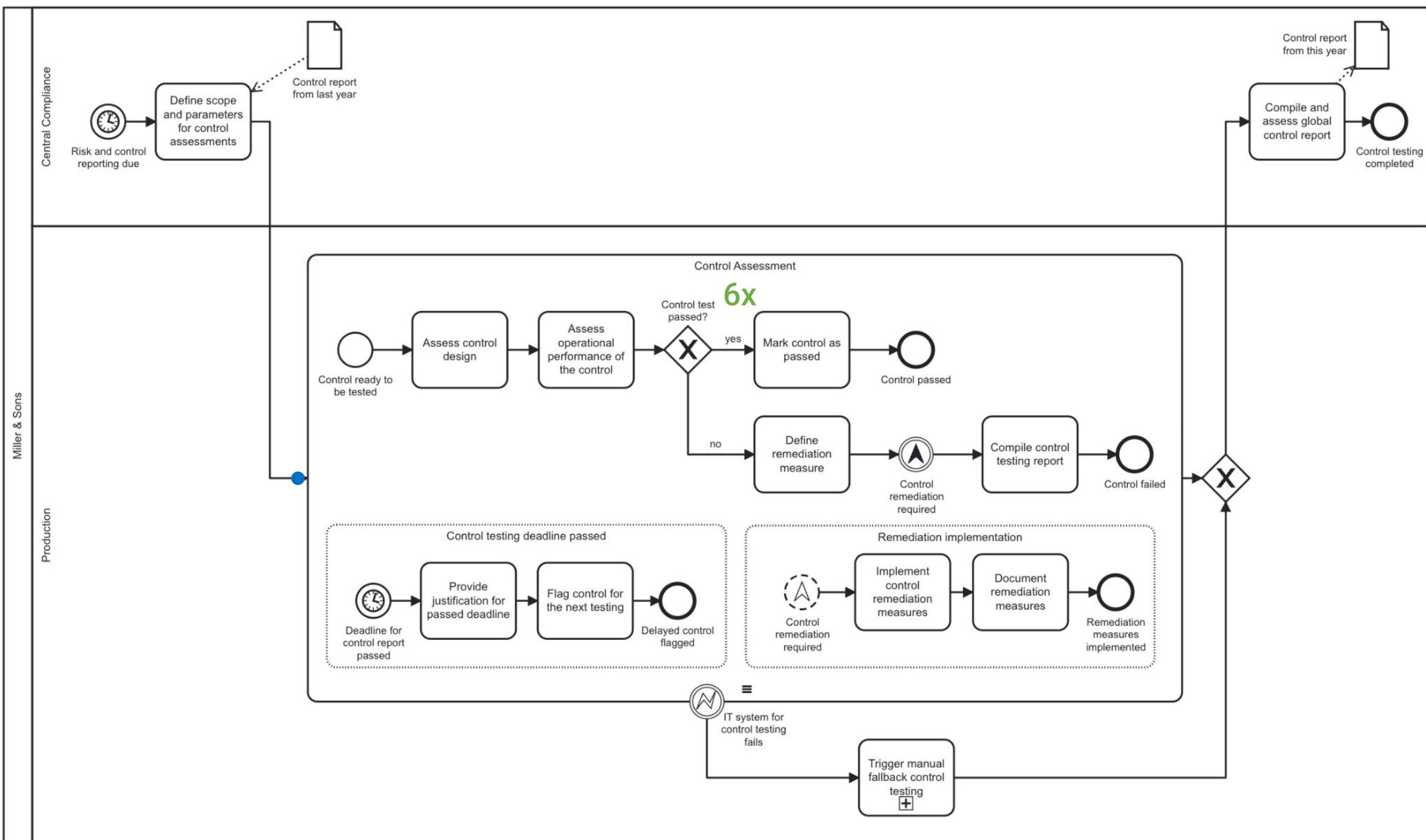






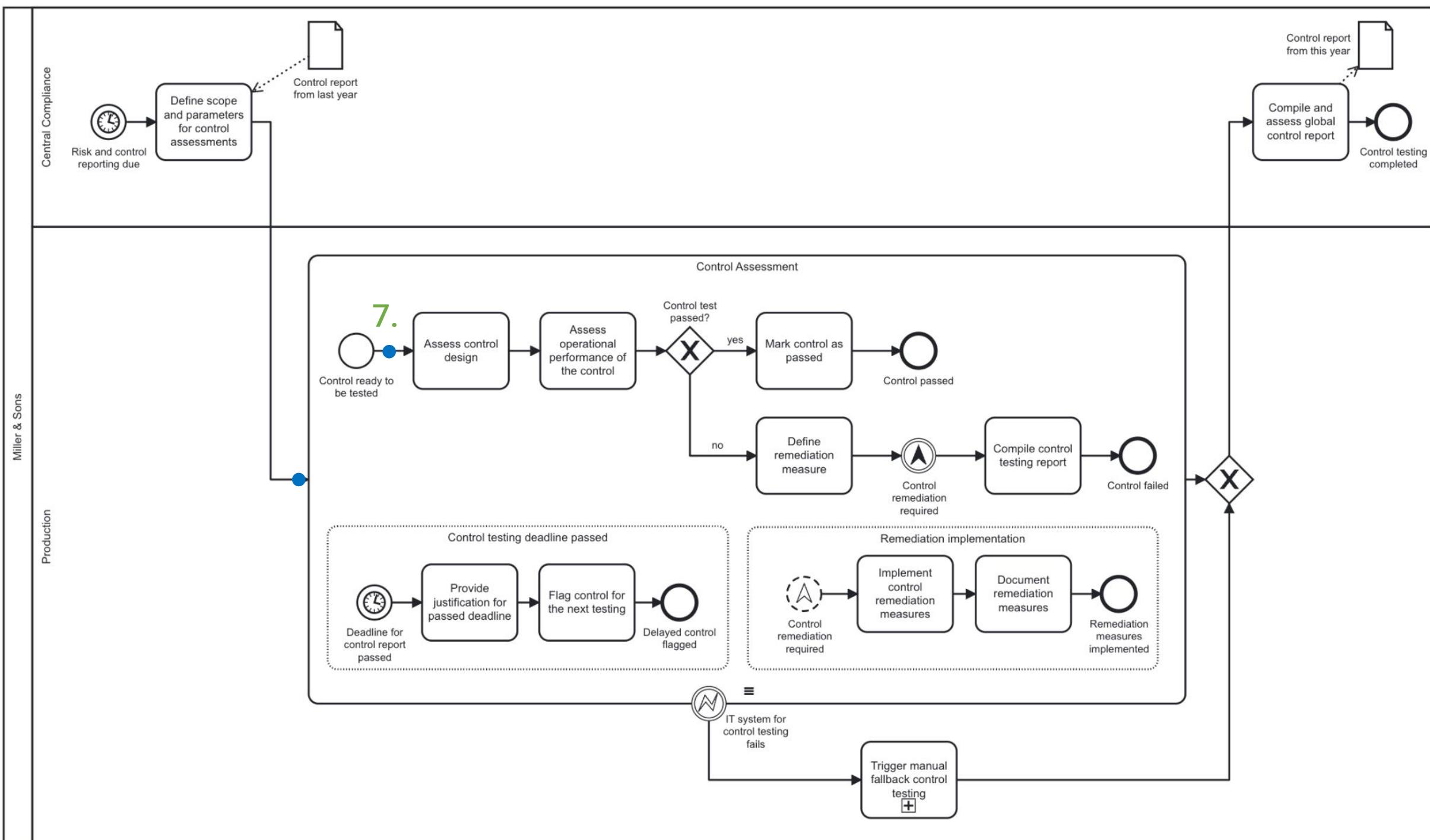


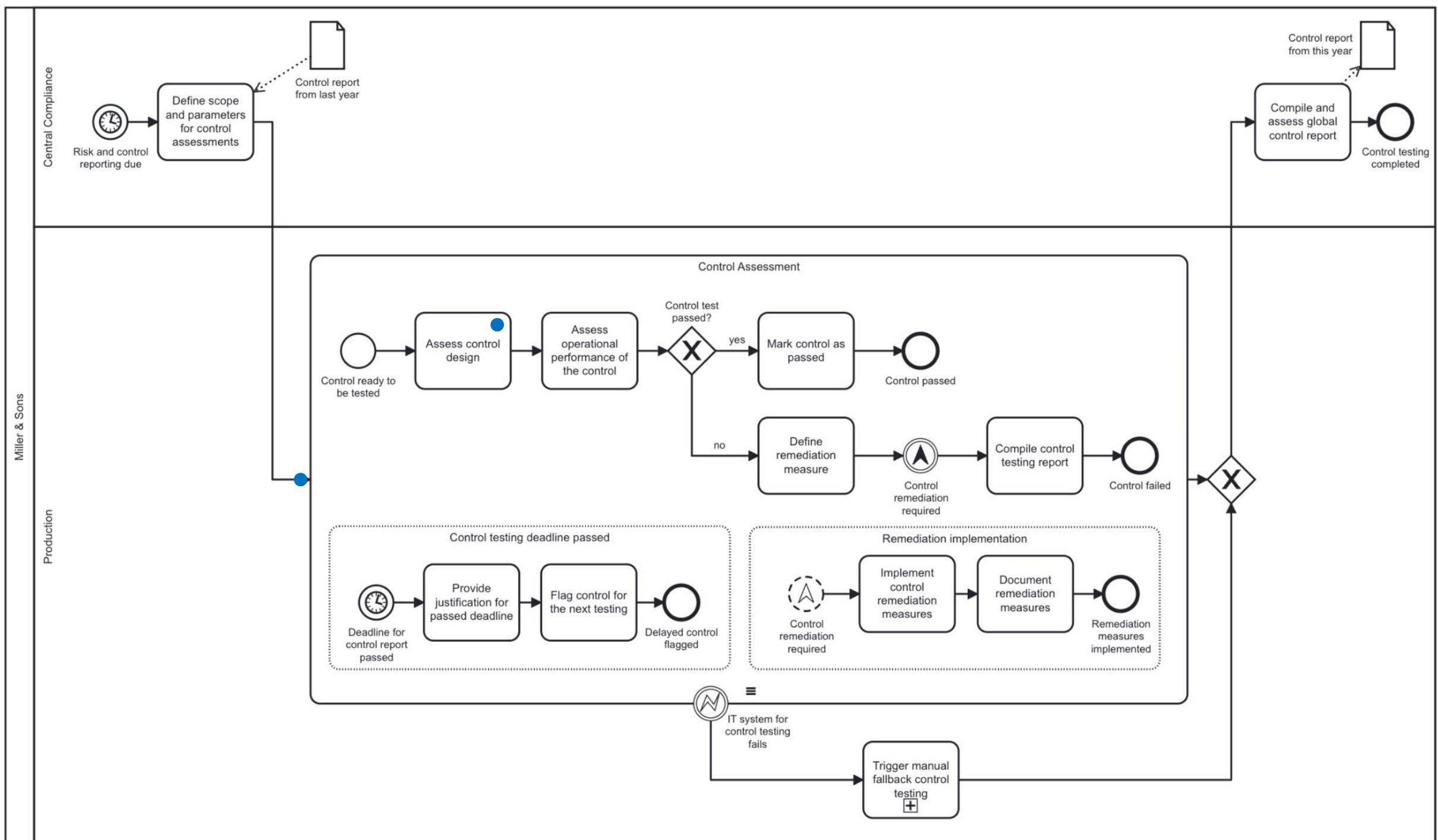


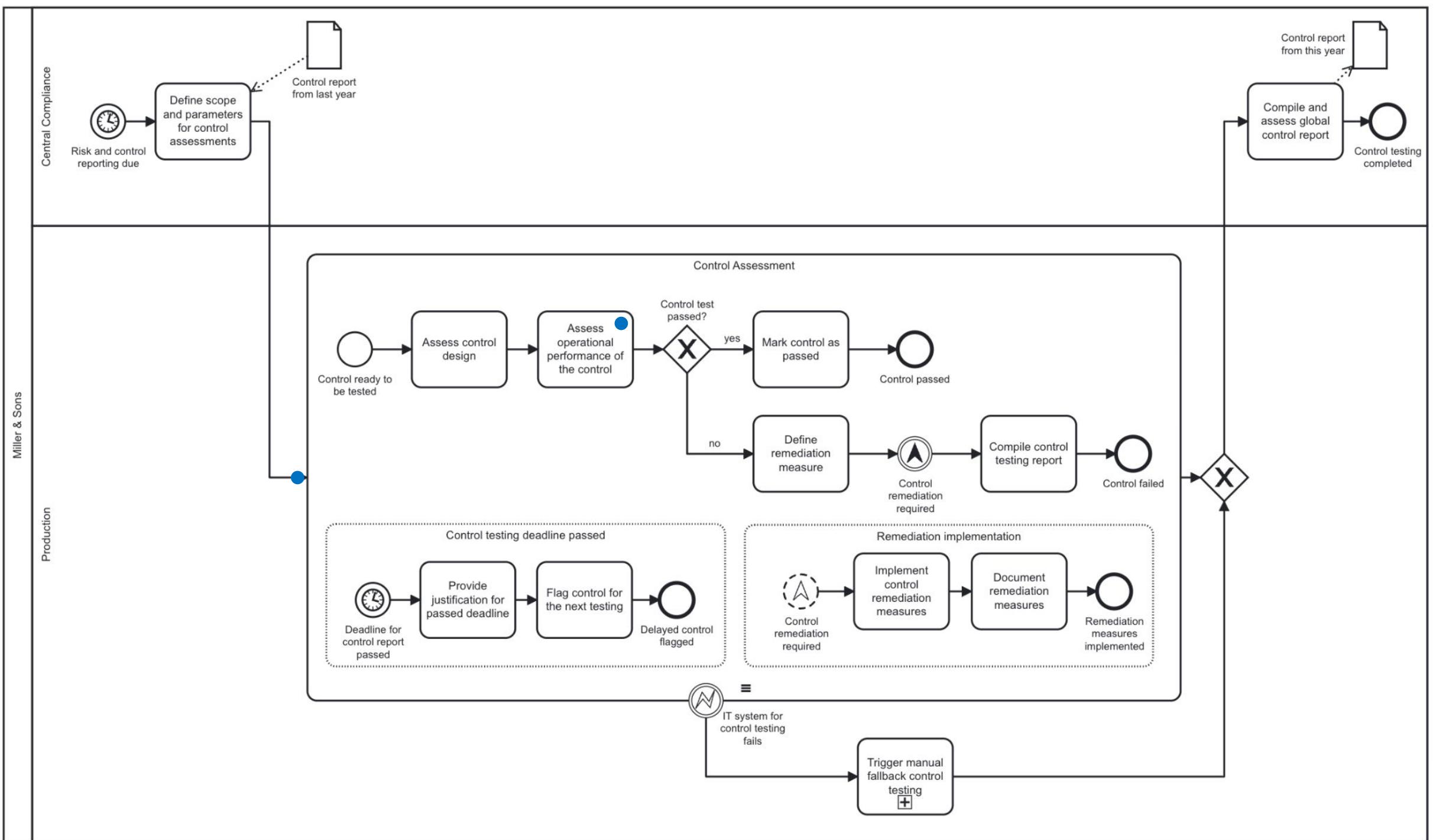


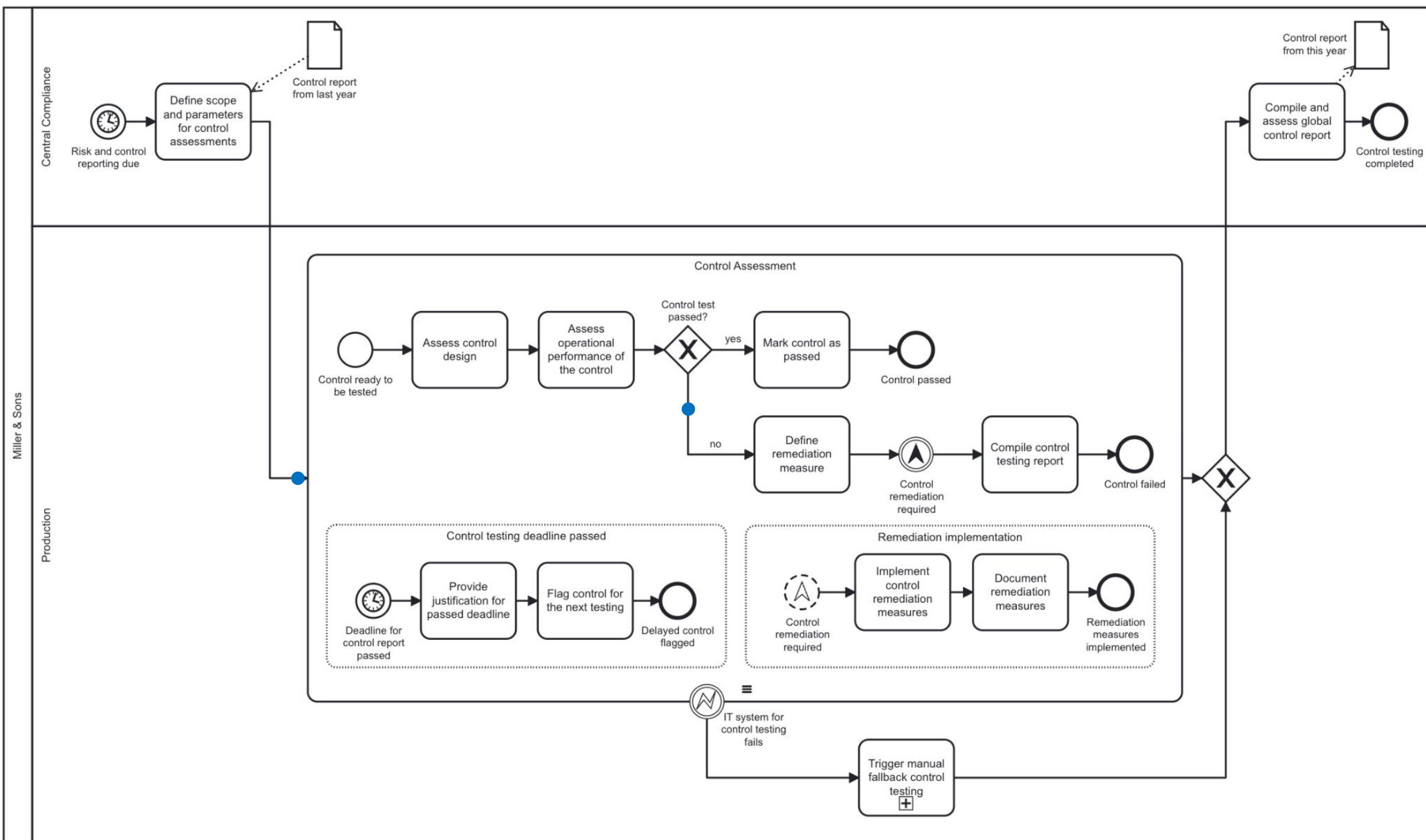


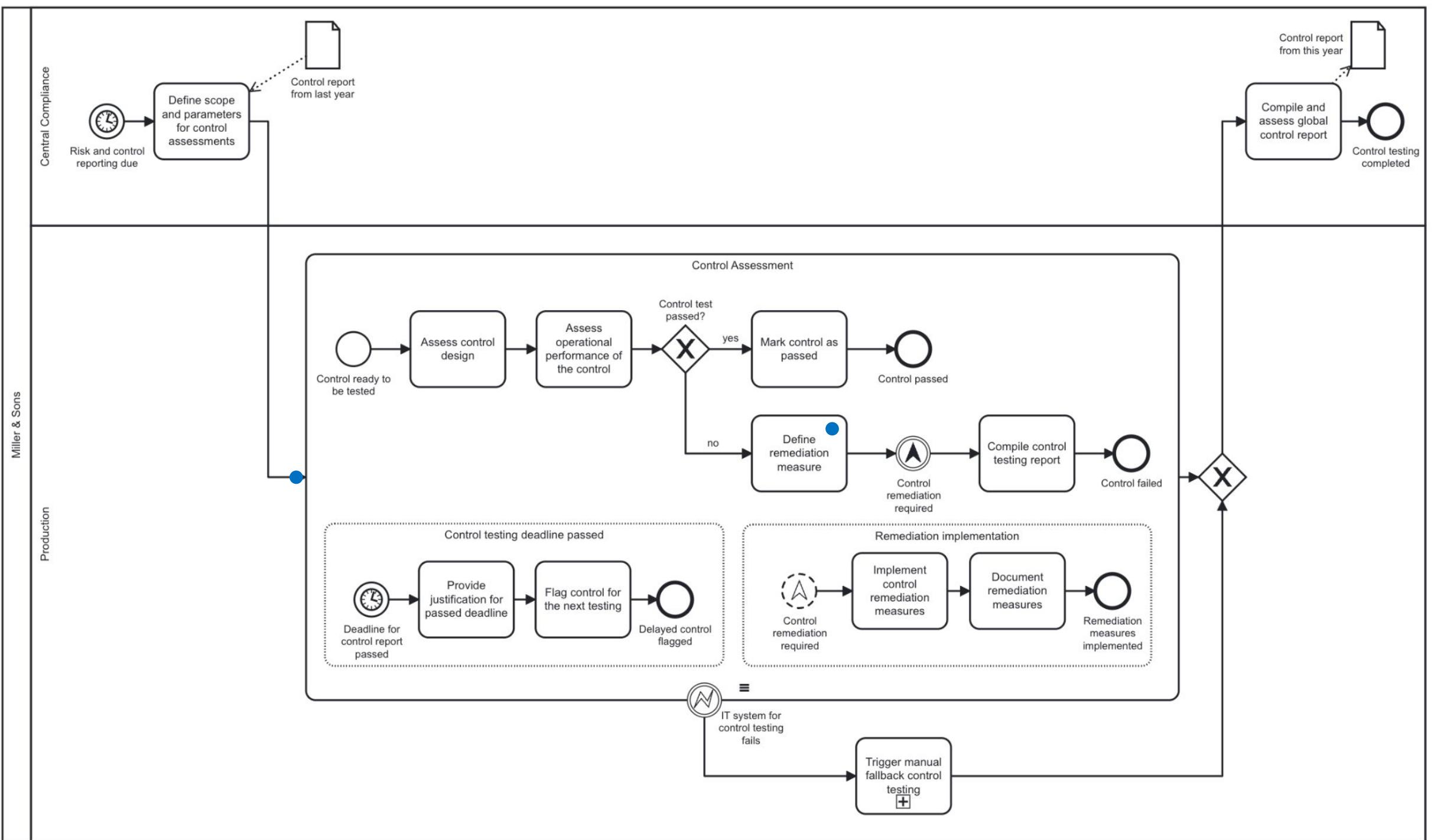
The 7th control, however, did not pass the test. Let's see how this went.

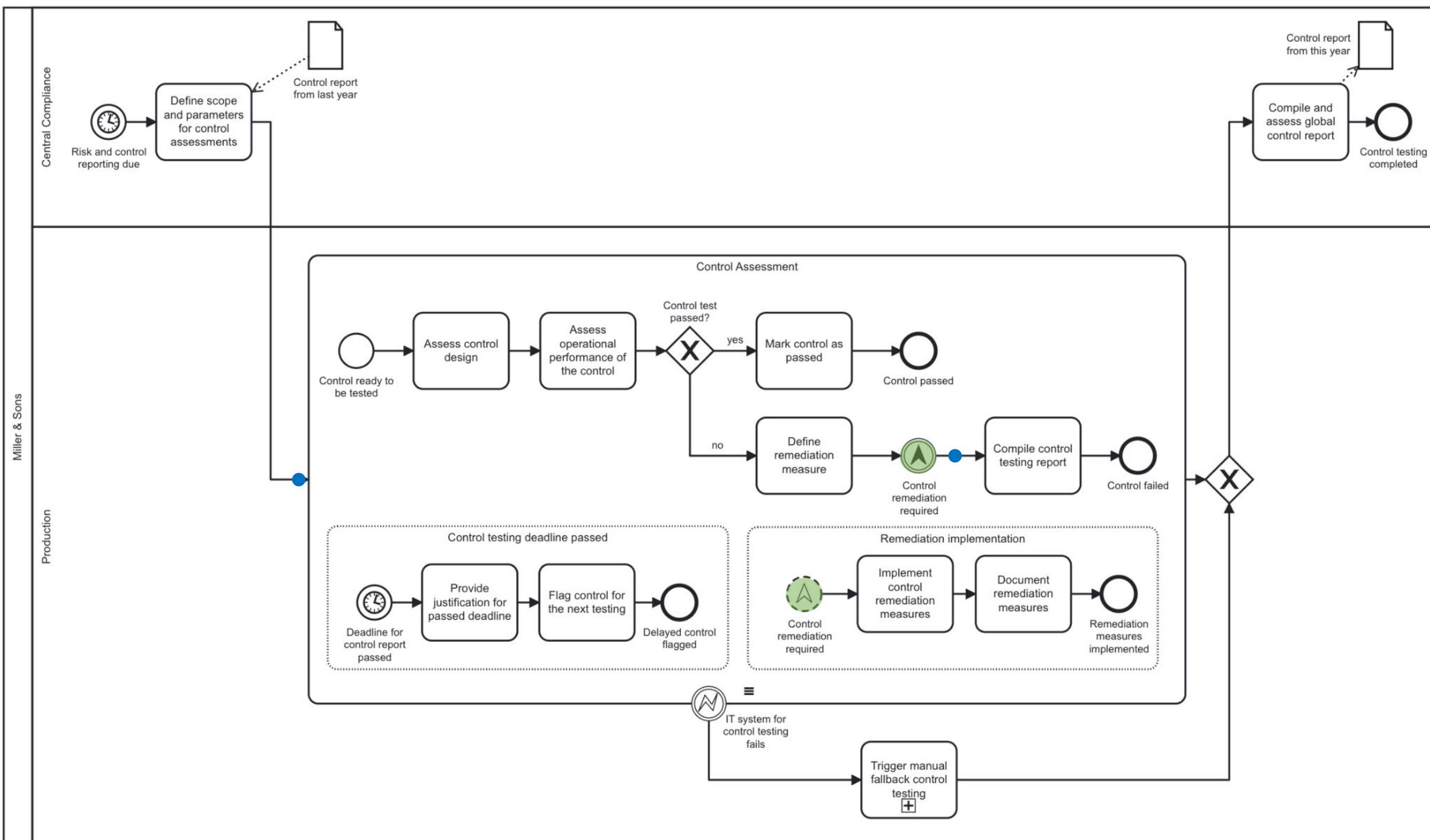


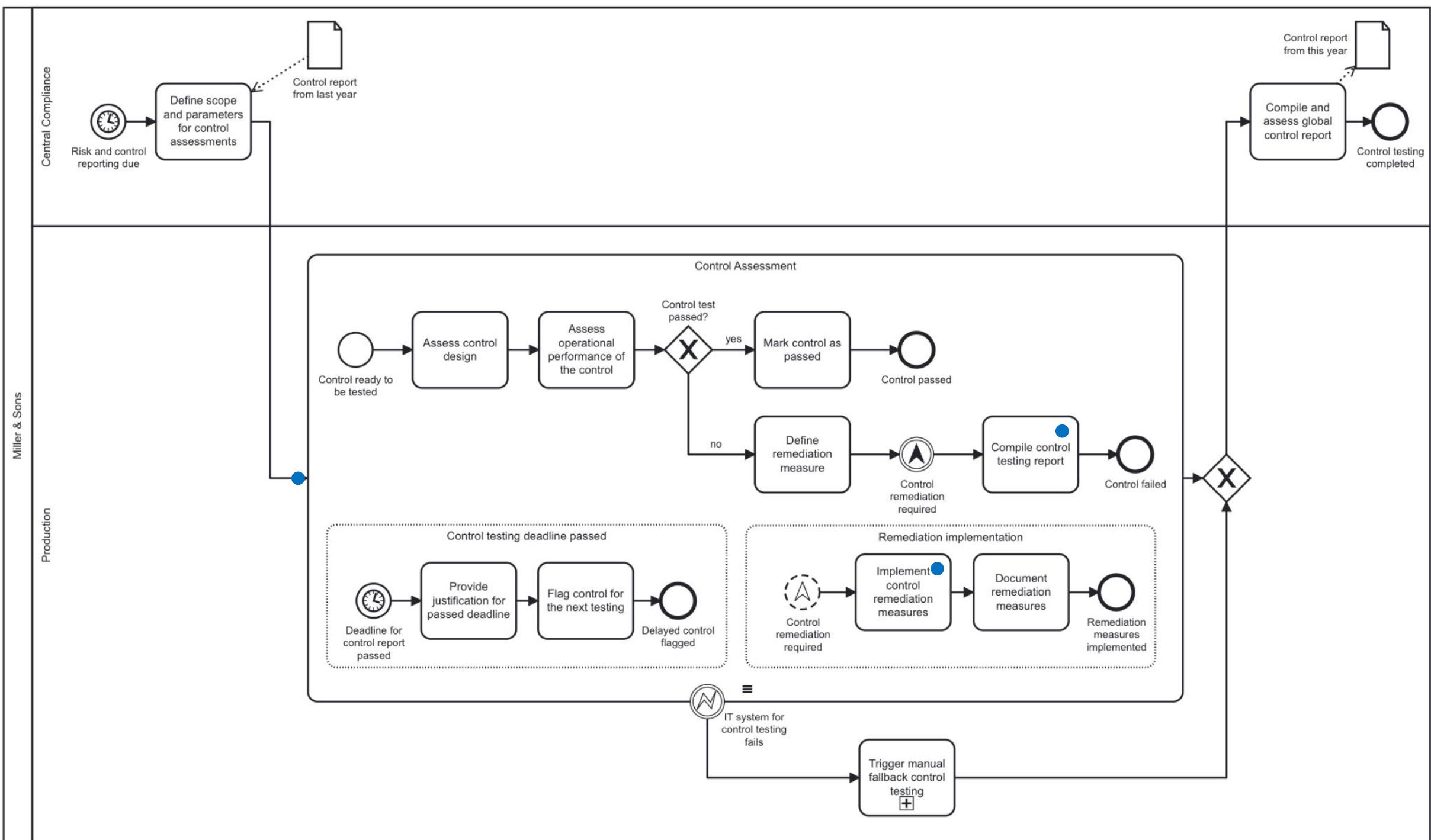


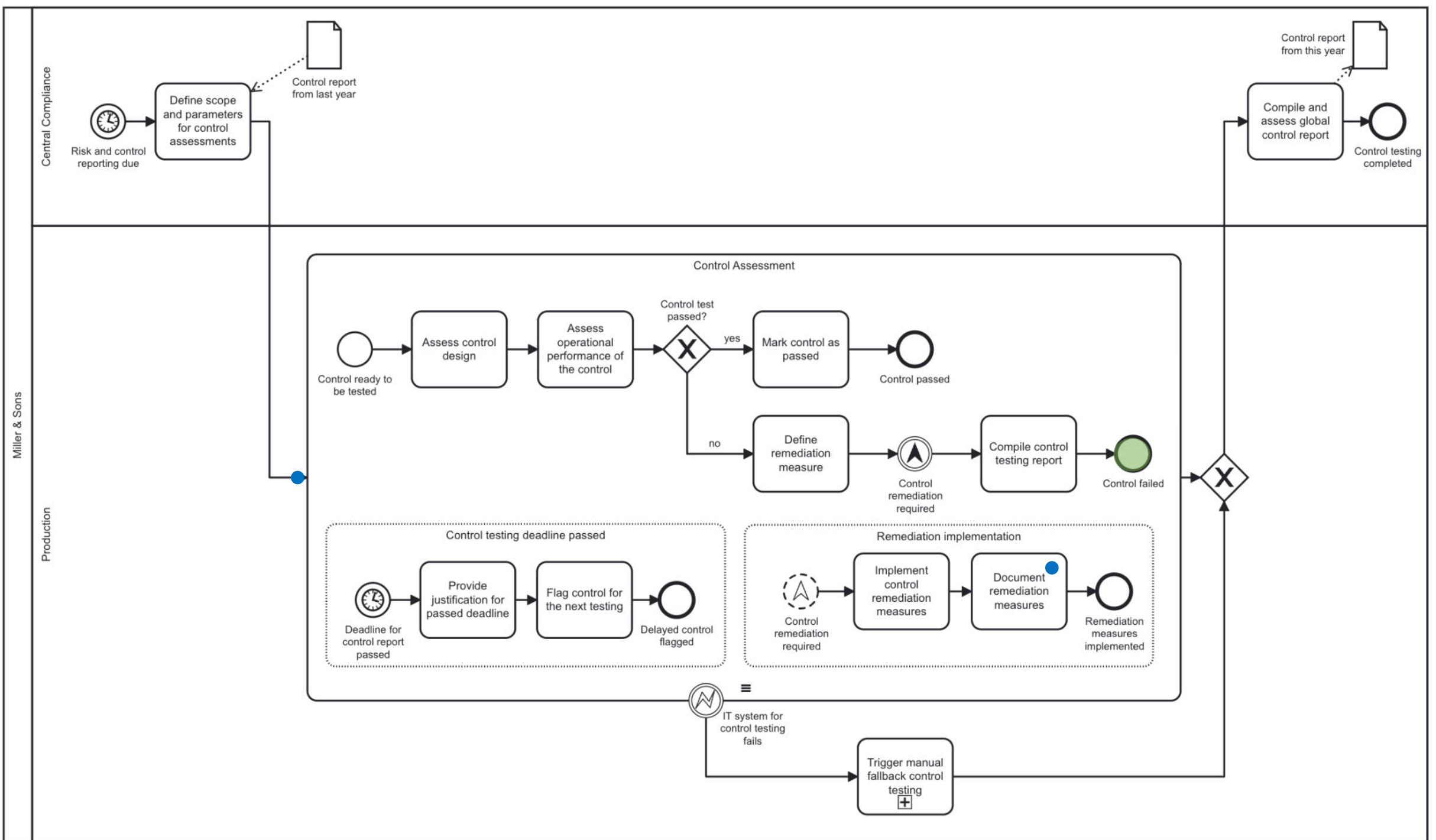


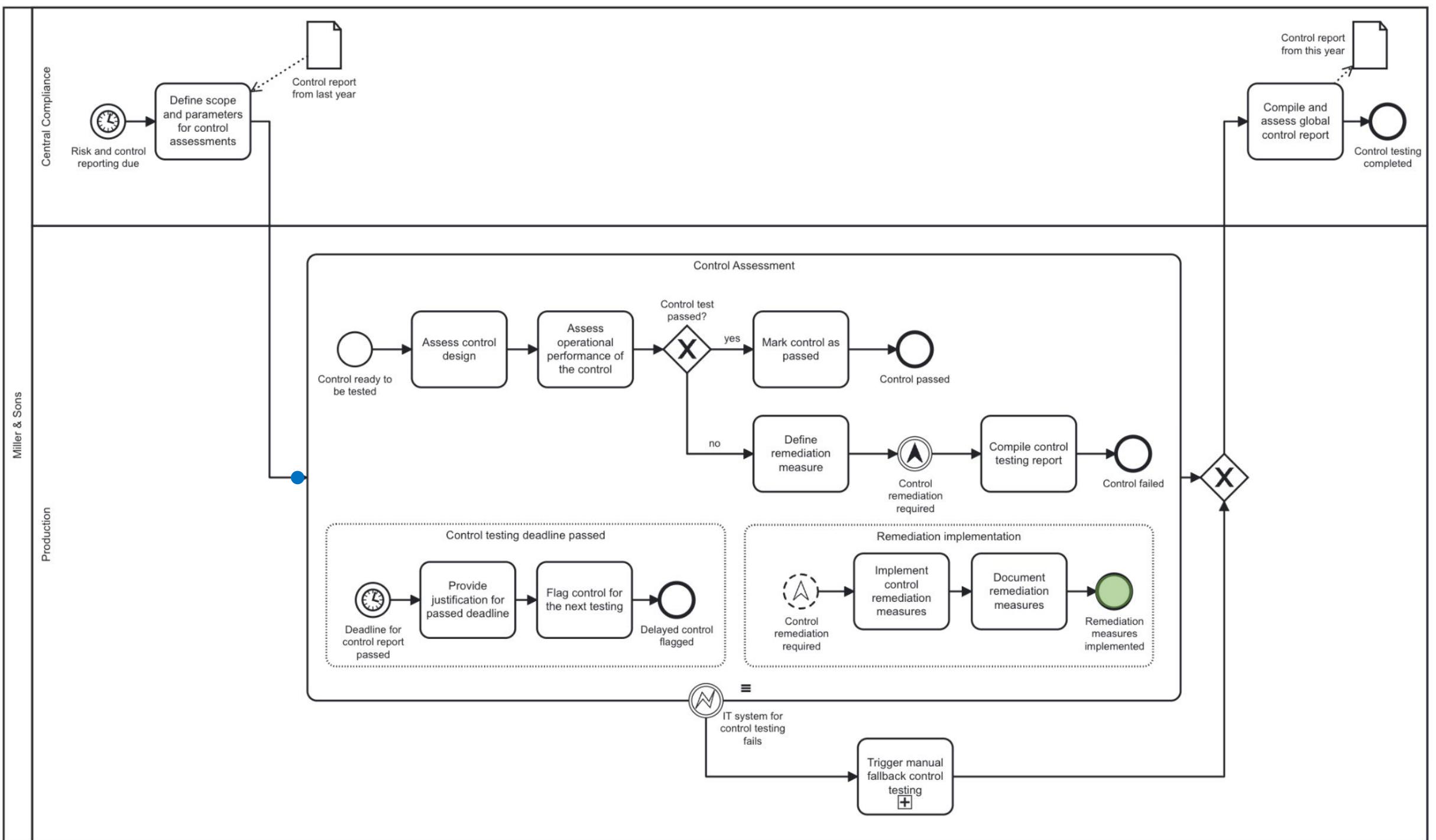






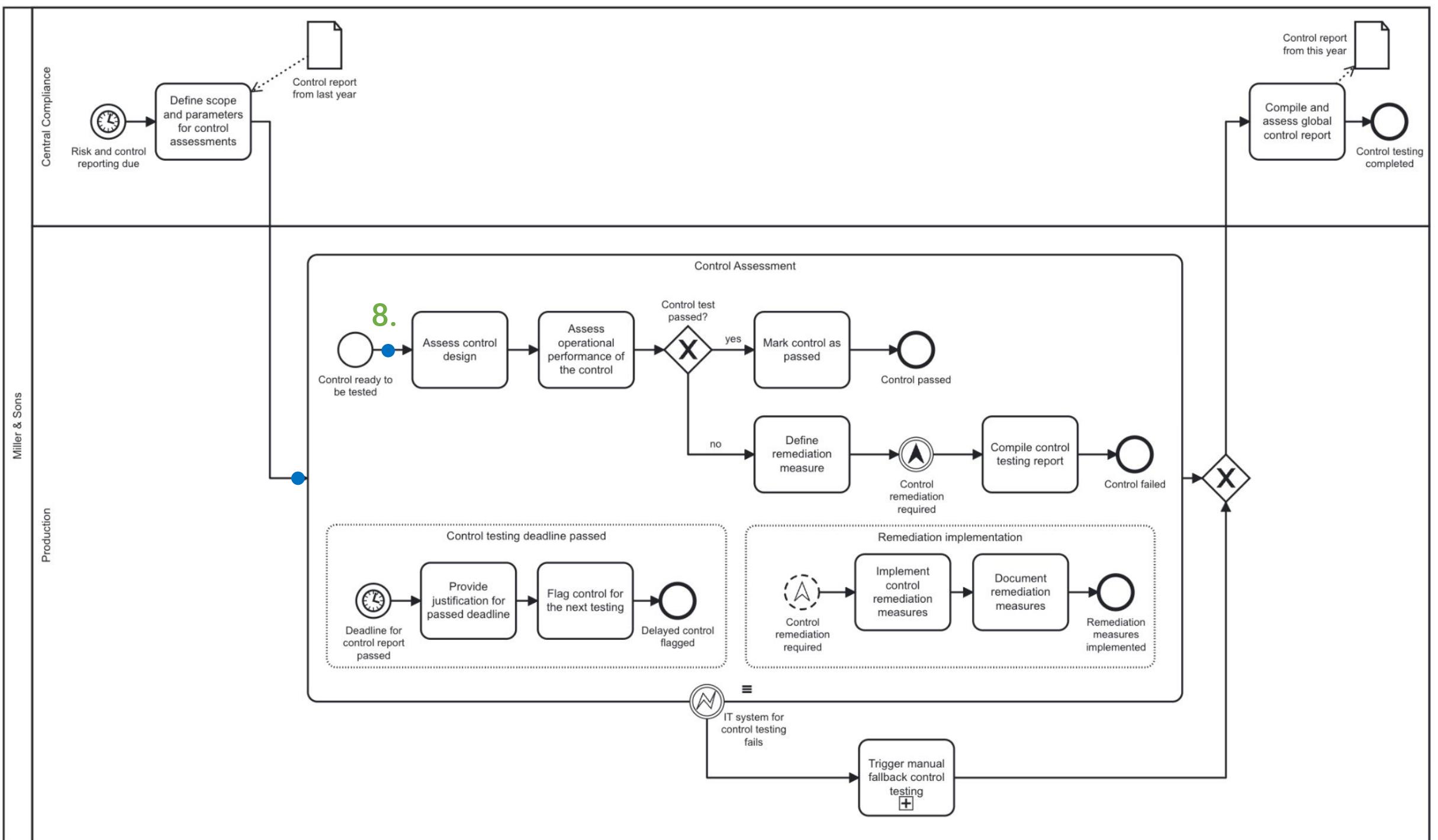


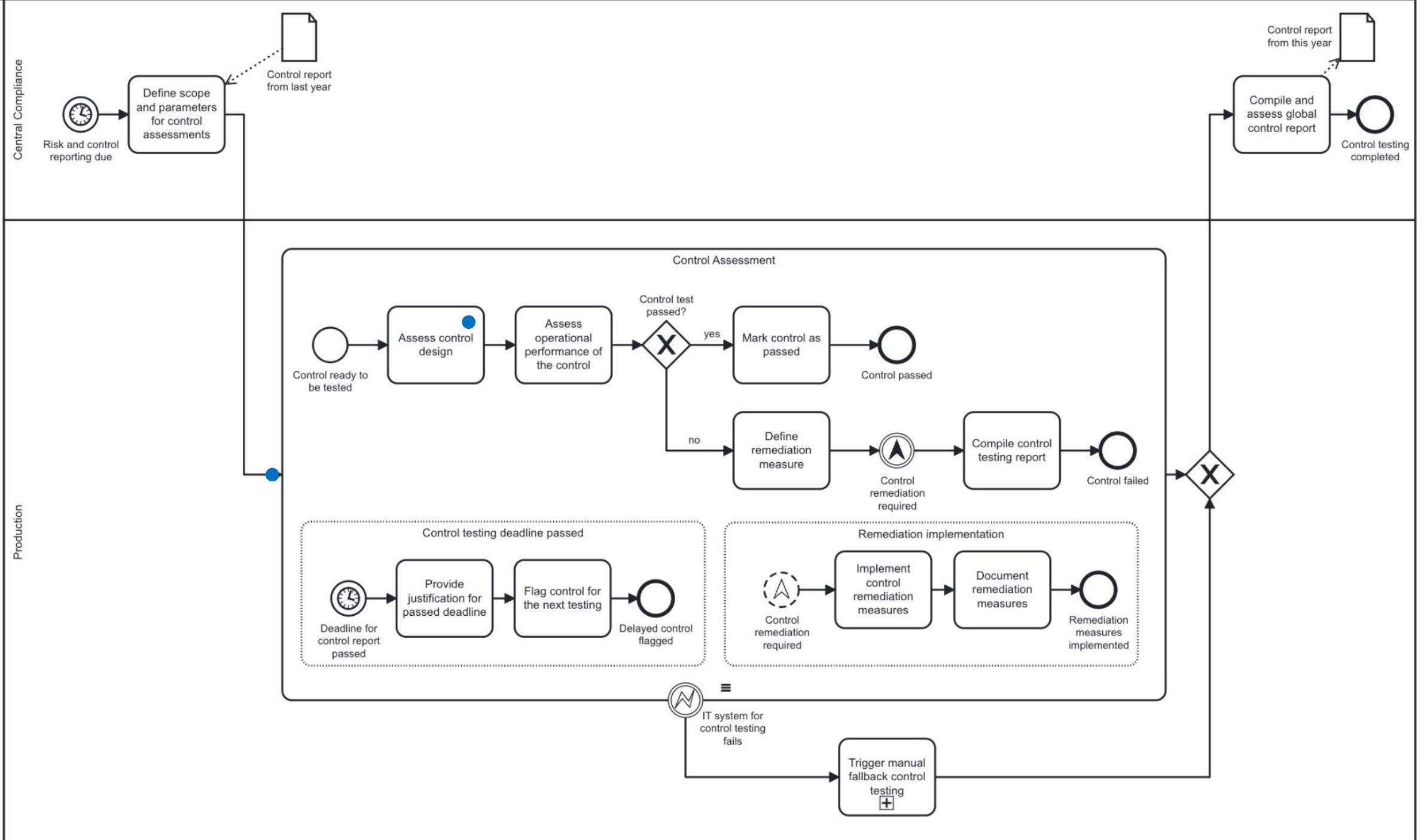


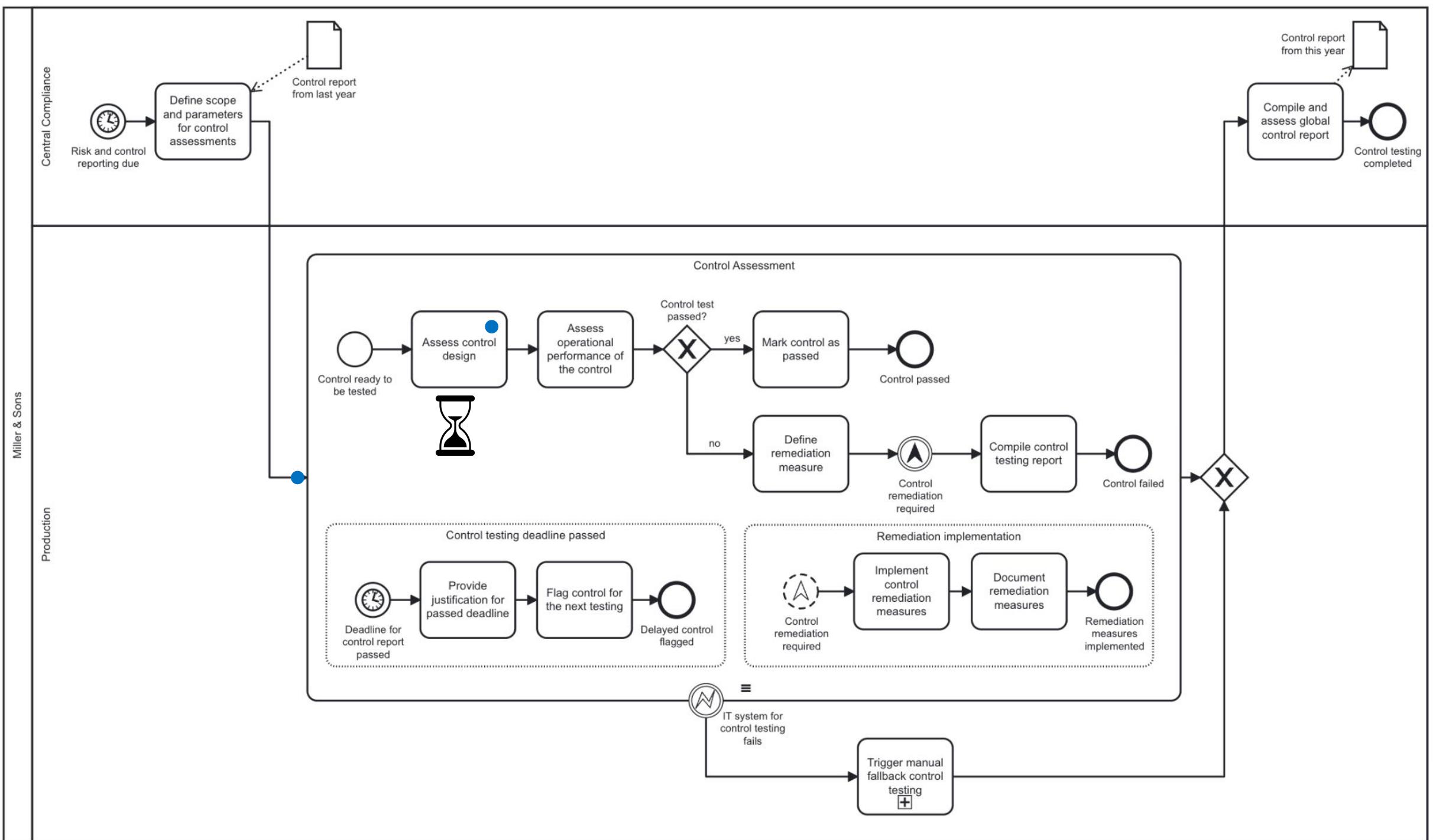


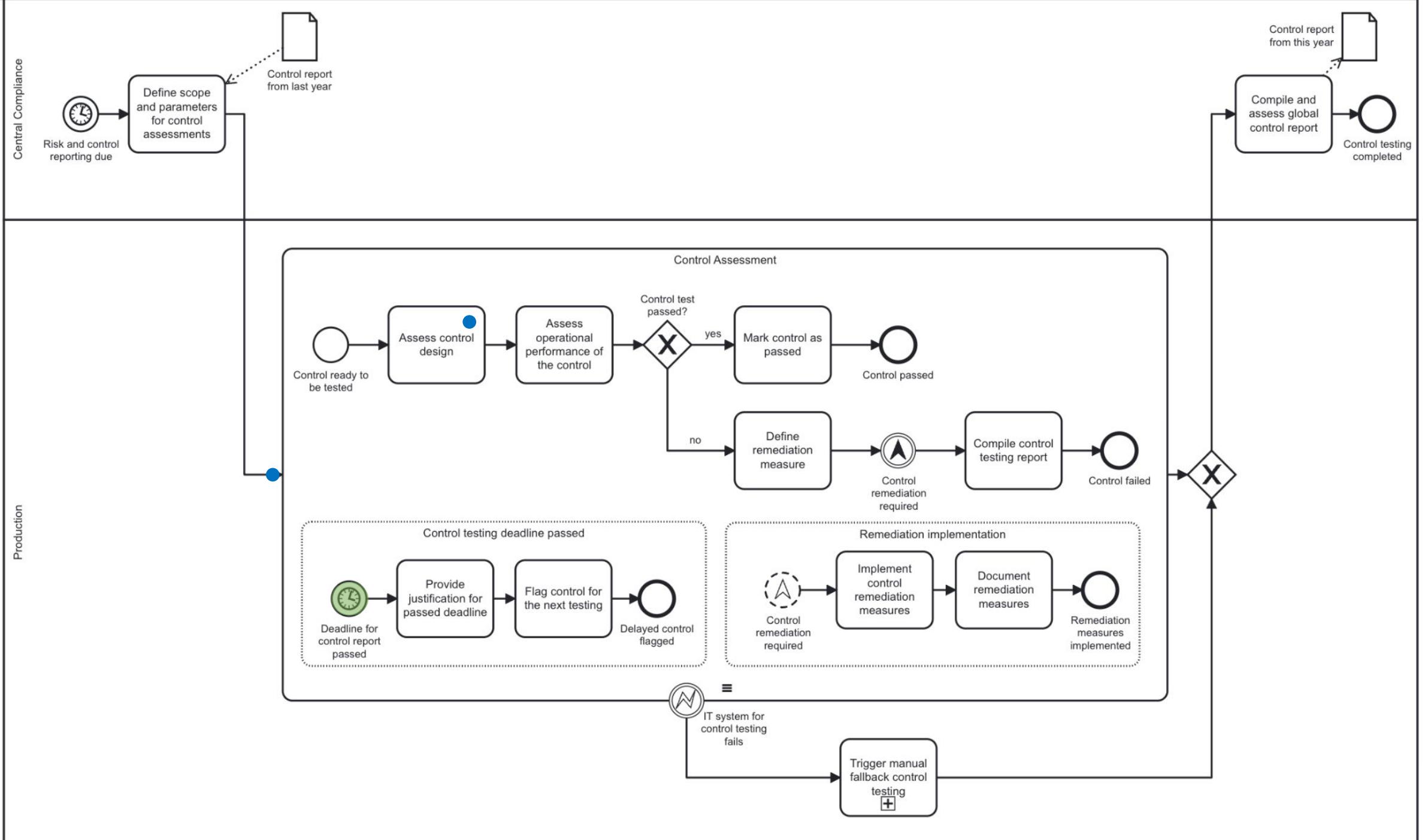


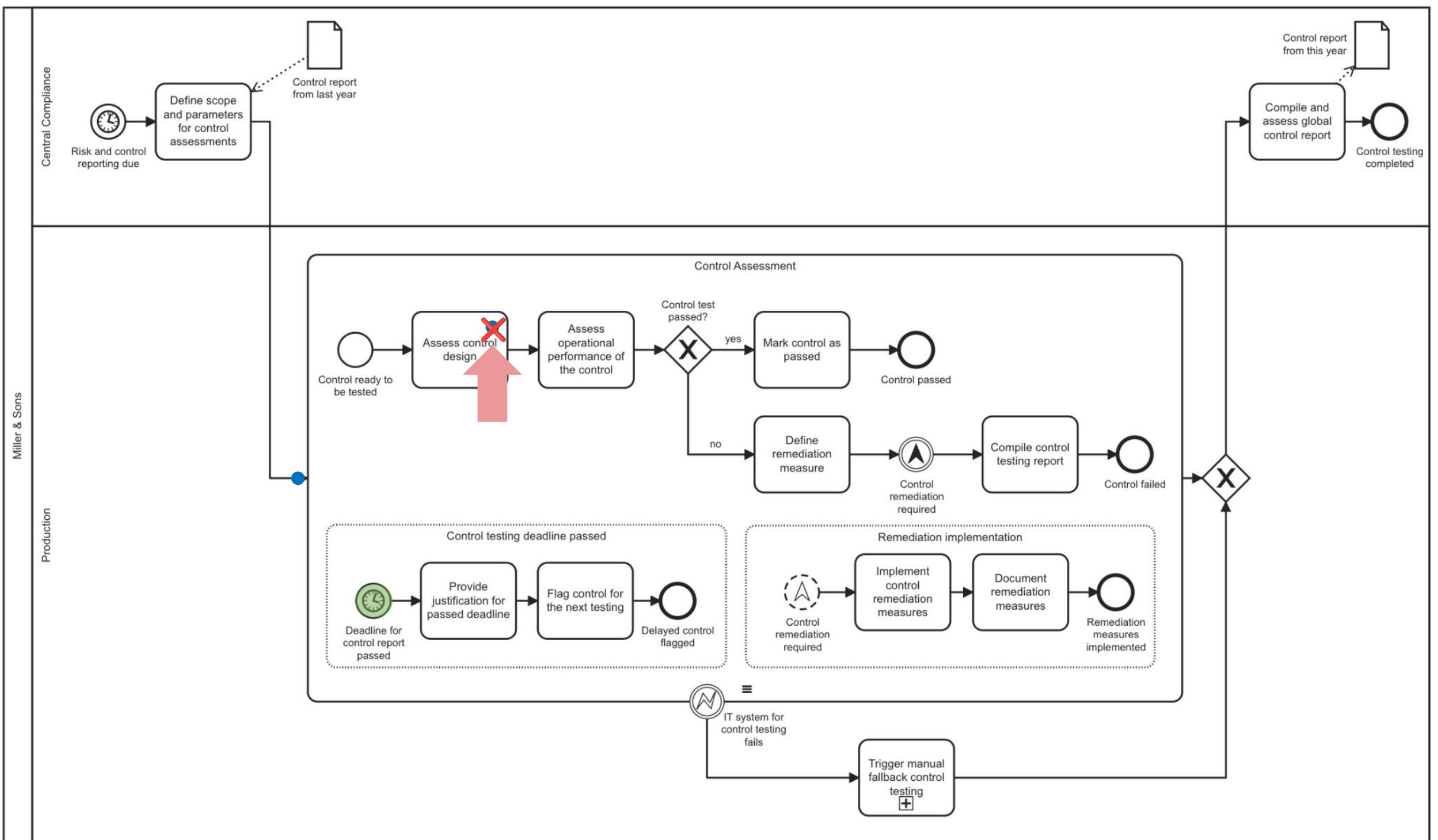
For control nr 8, things are a bit
complicated...

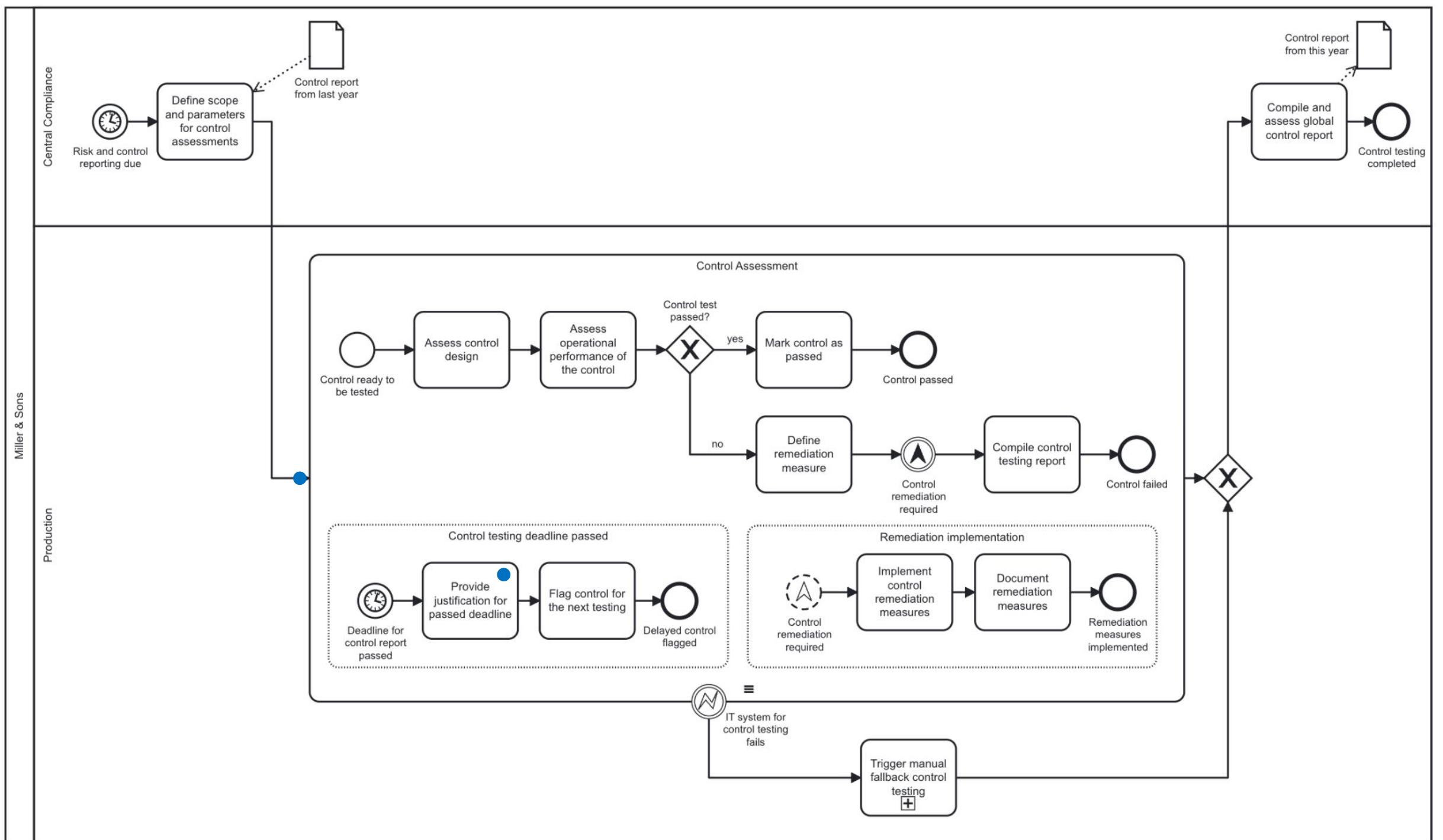


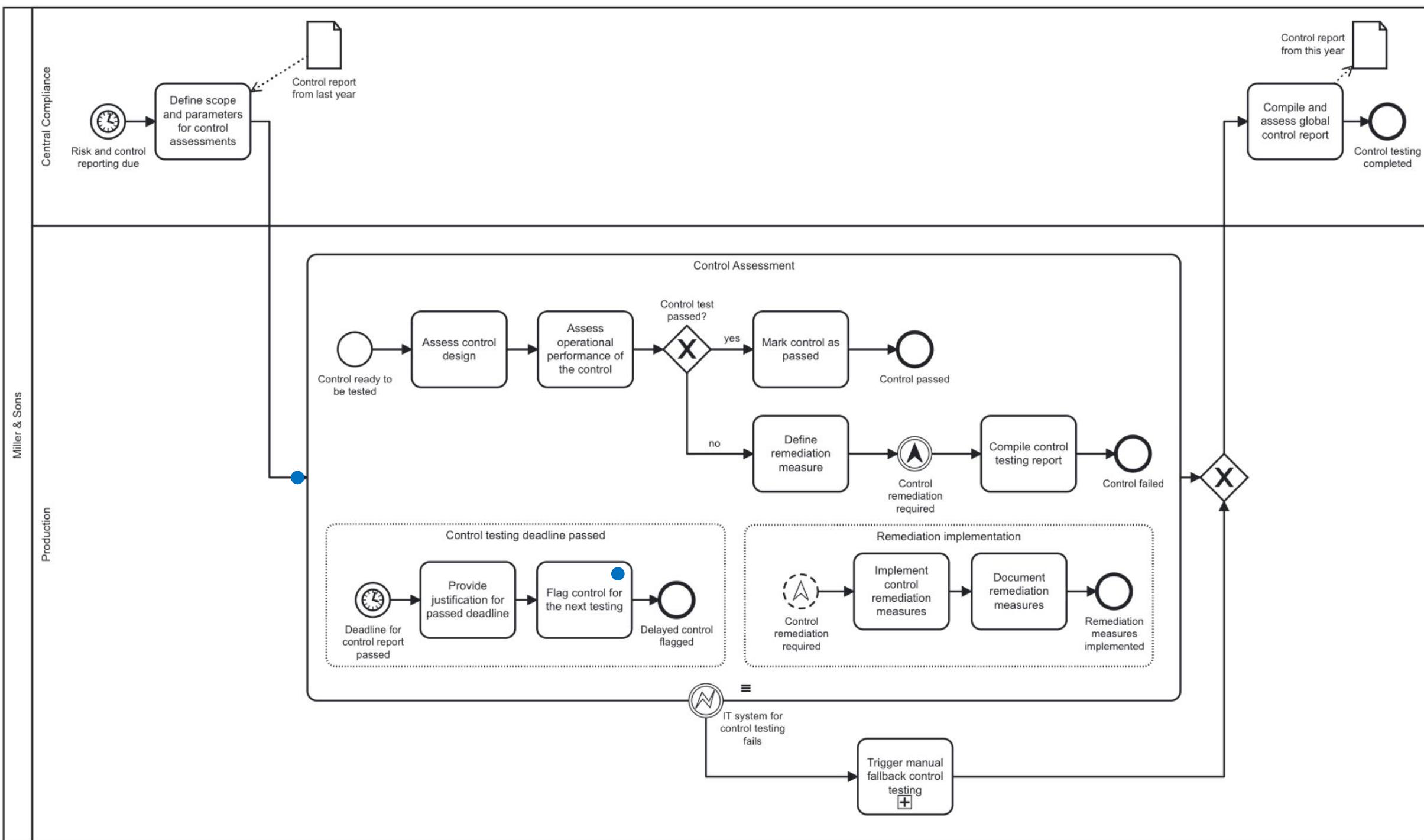


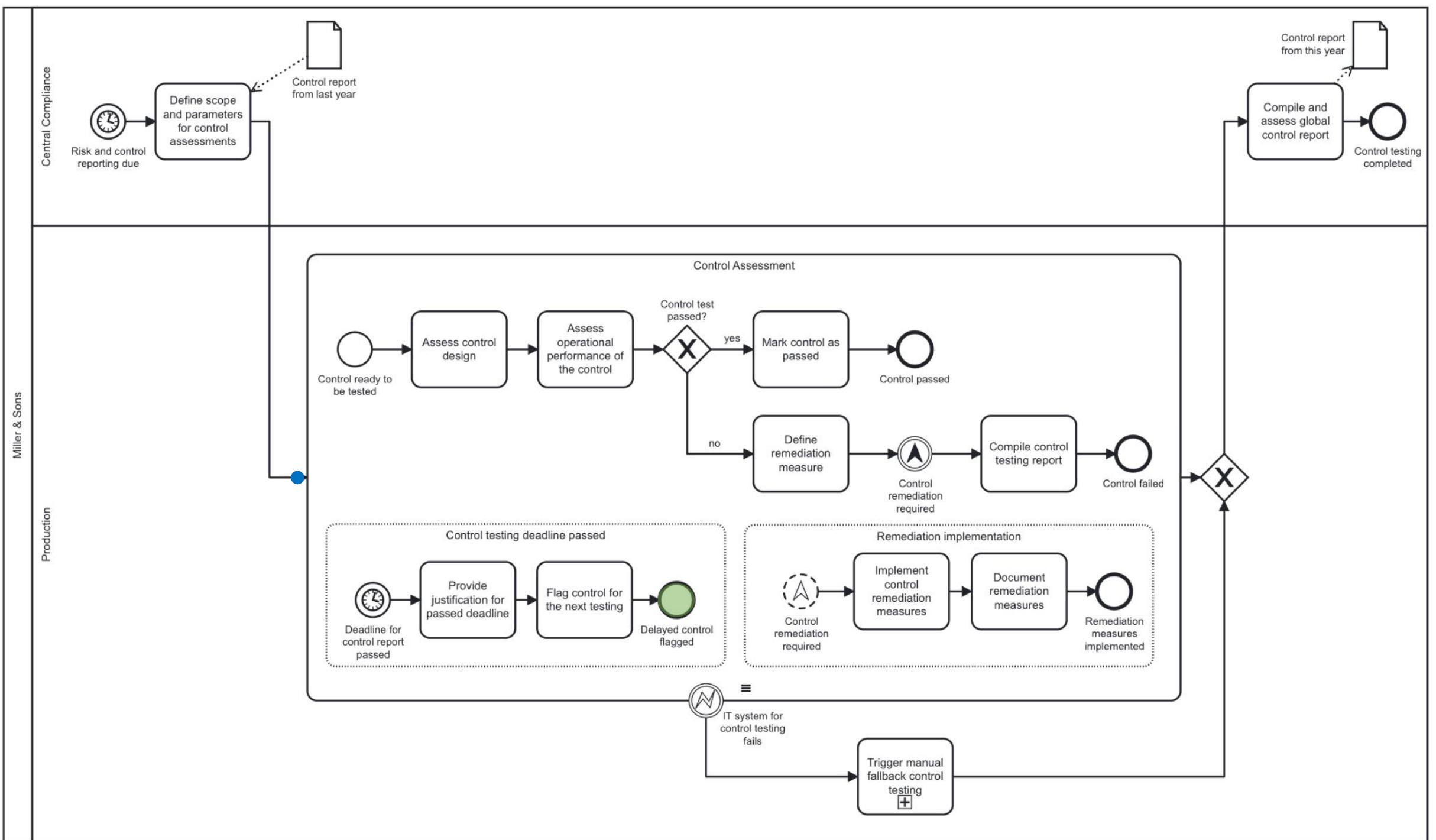






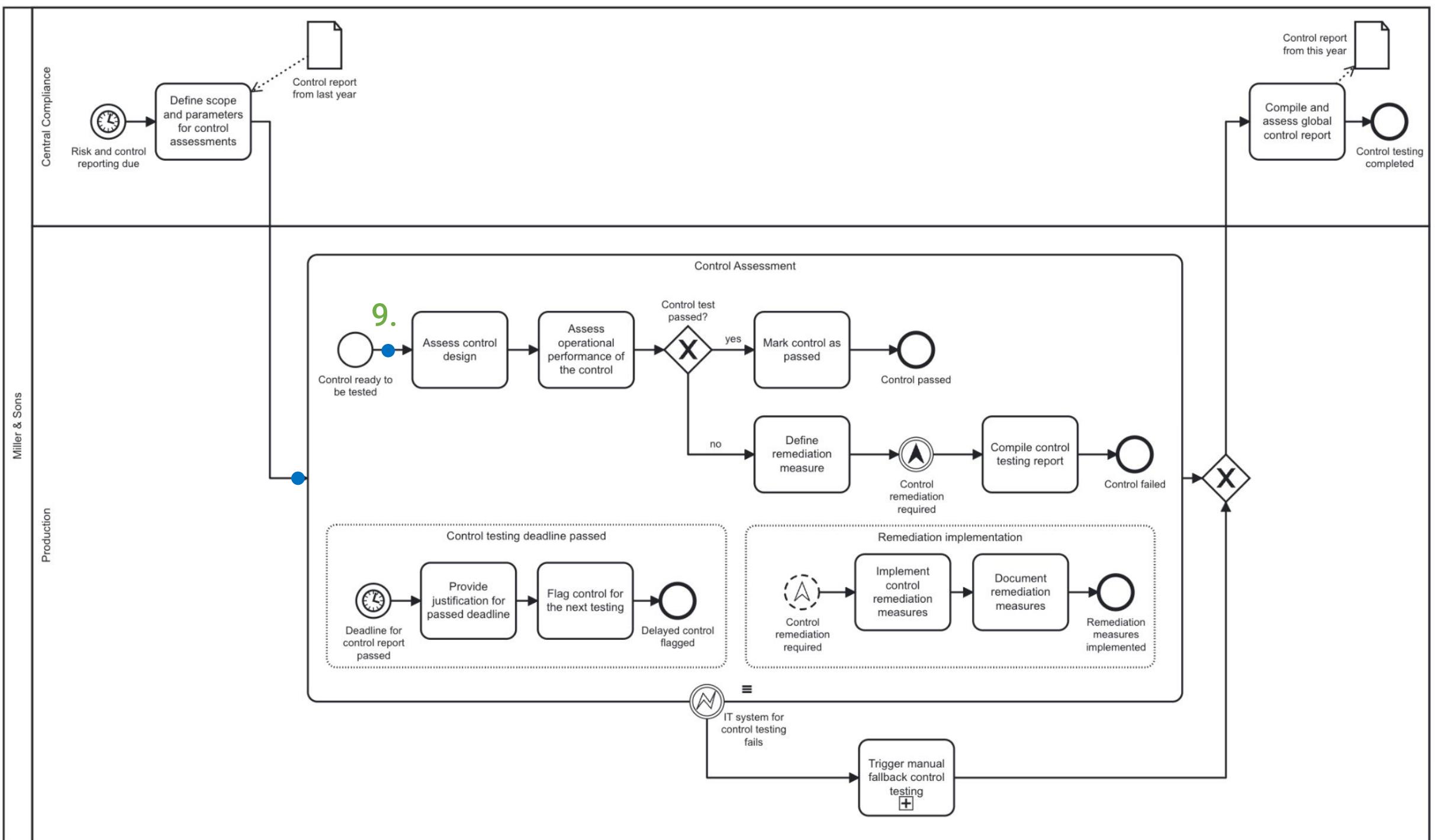


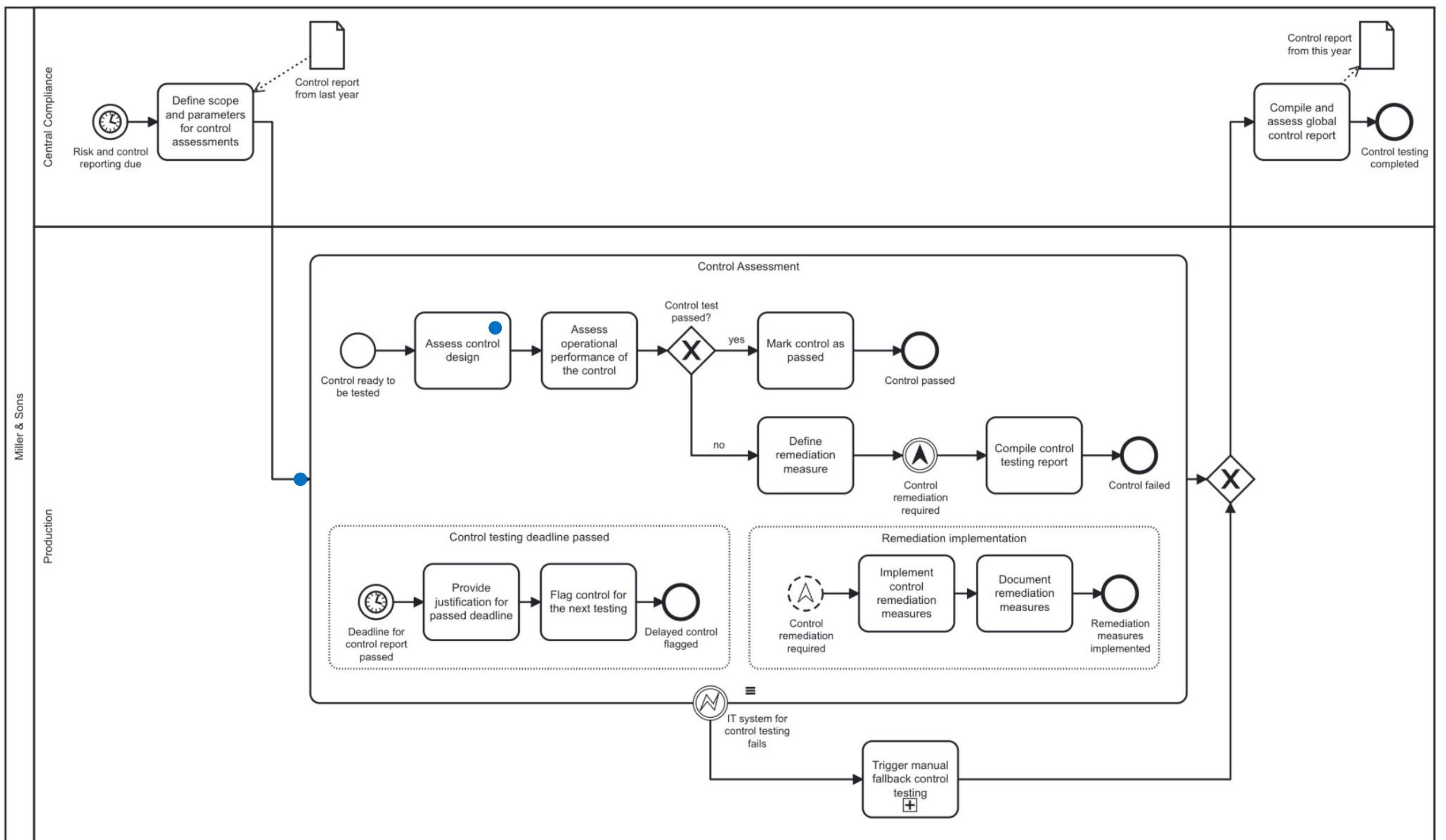


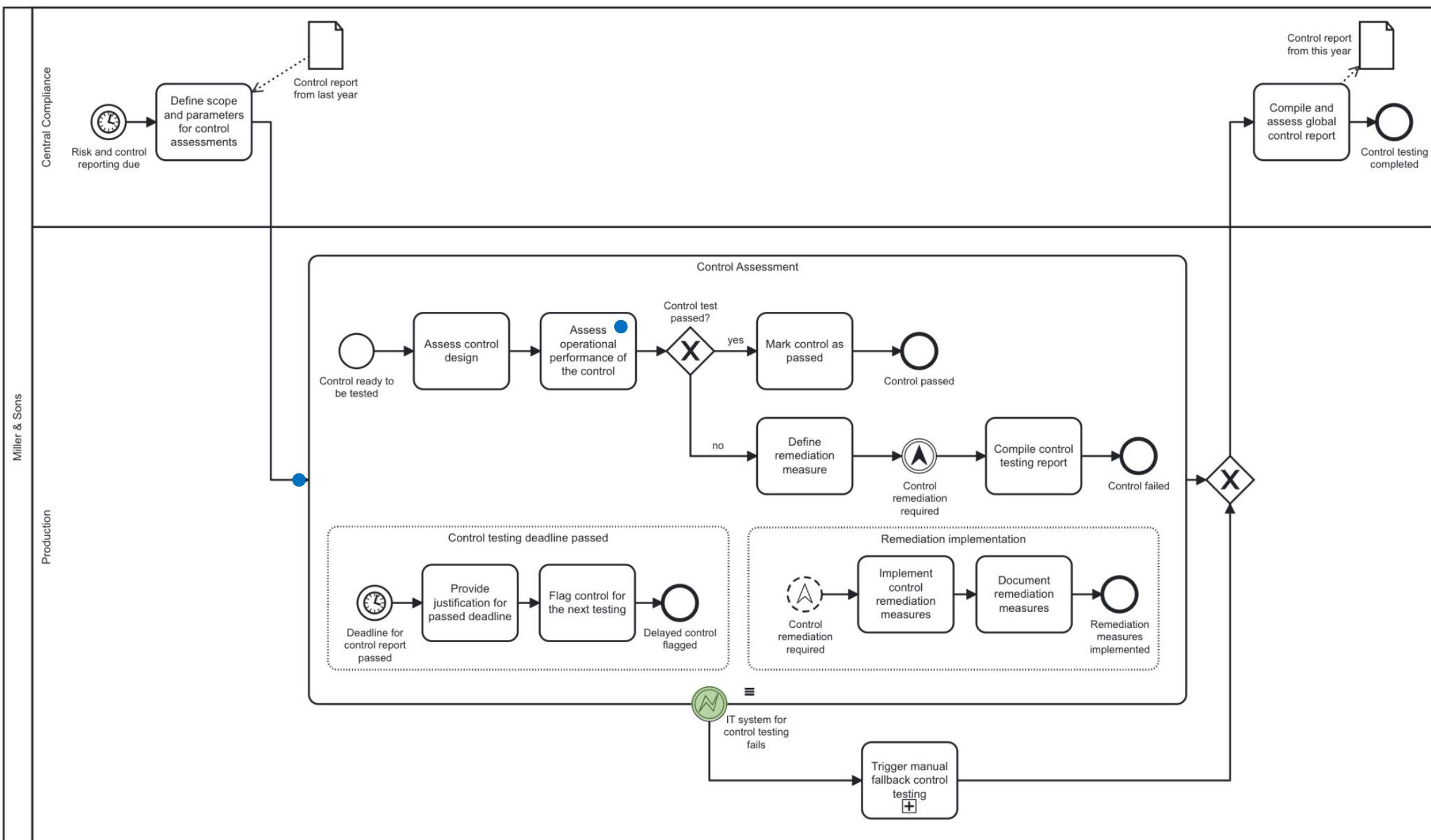


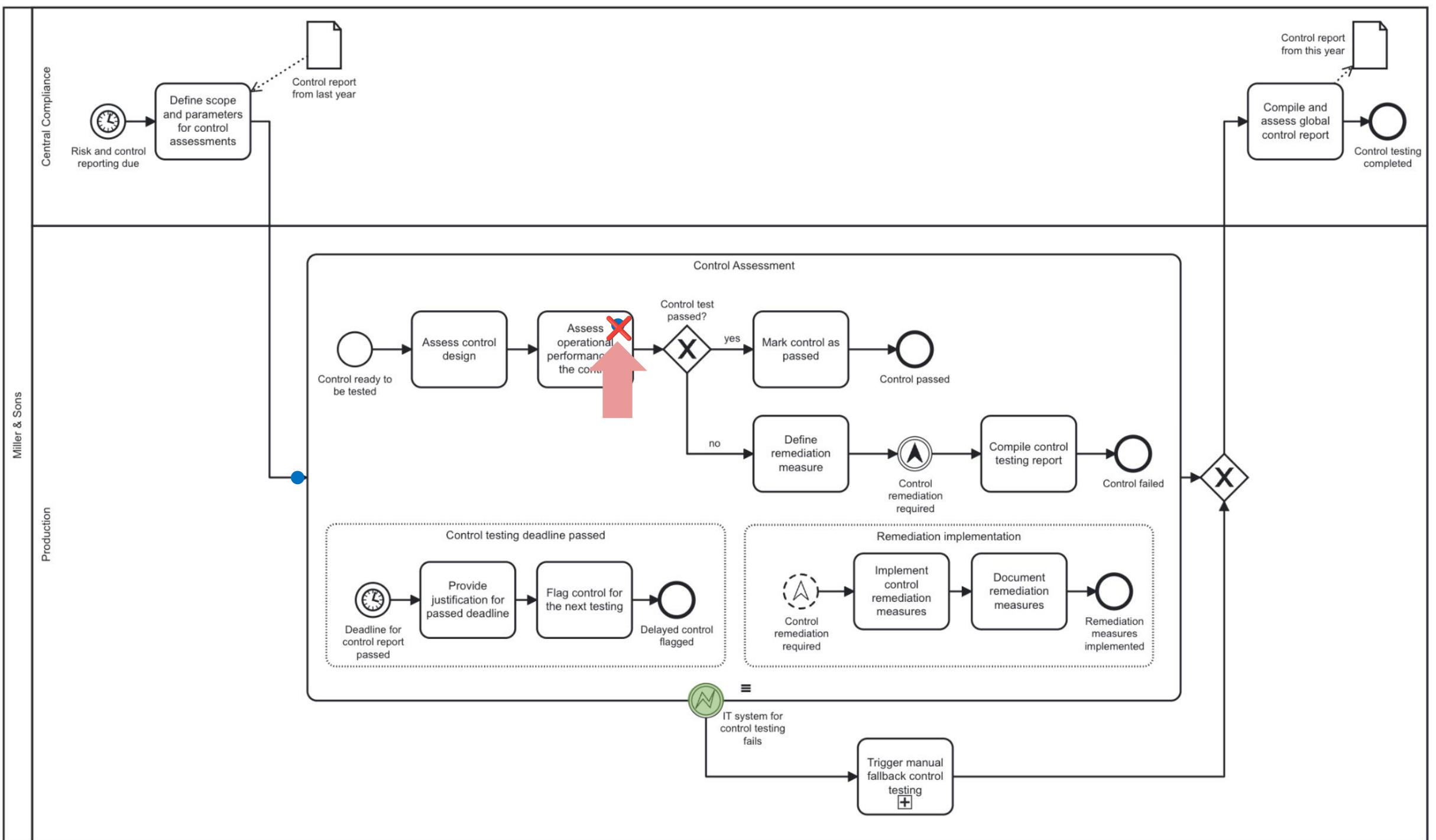


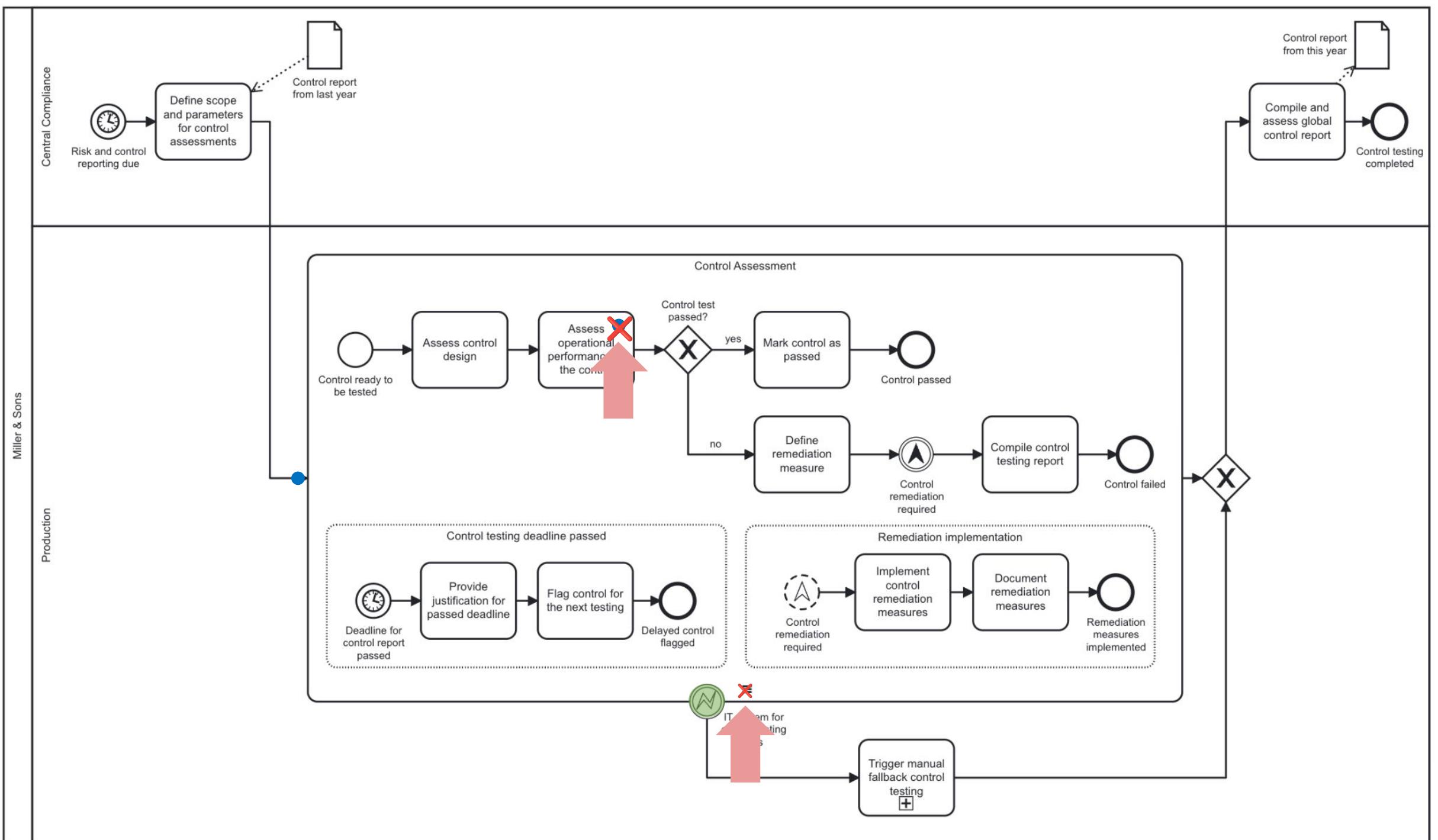
Control nr 9 & 10, things turn out even more bleak.

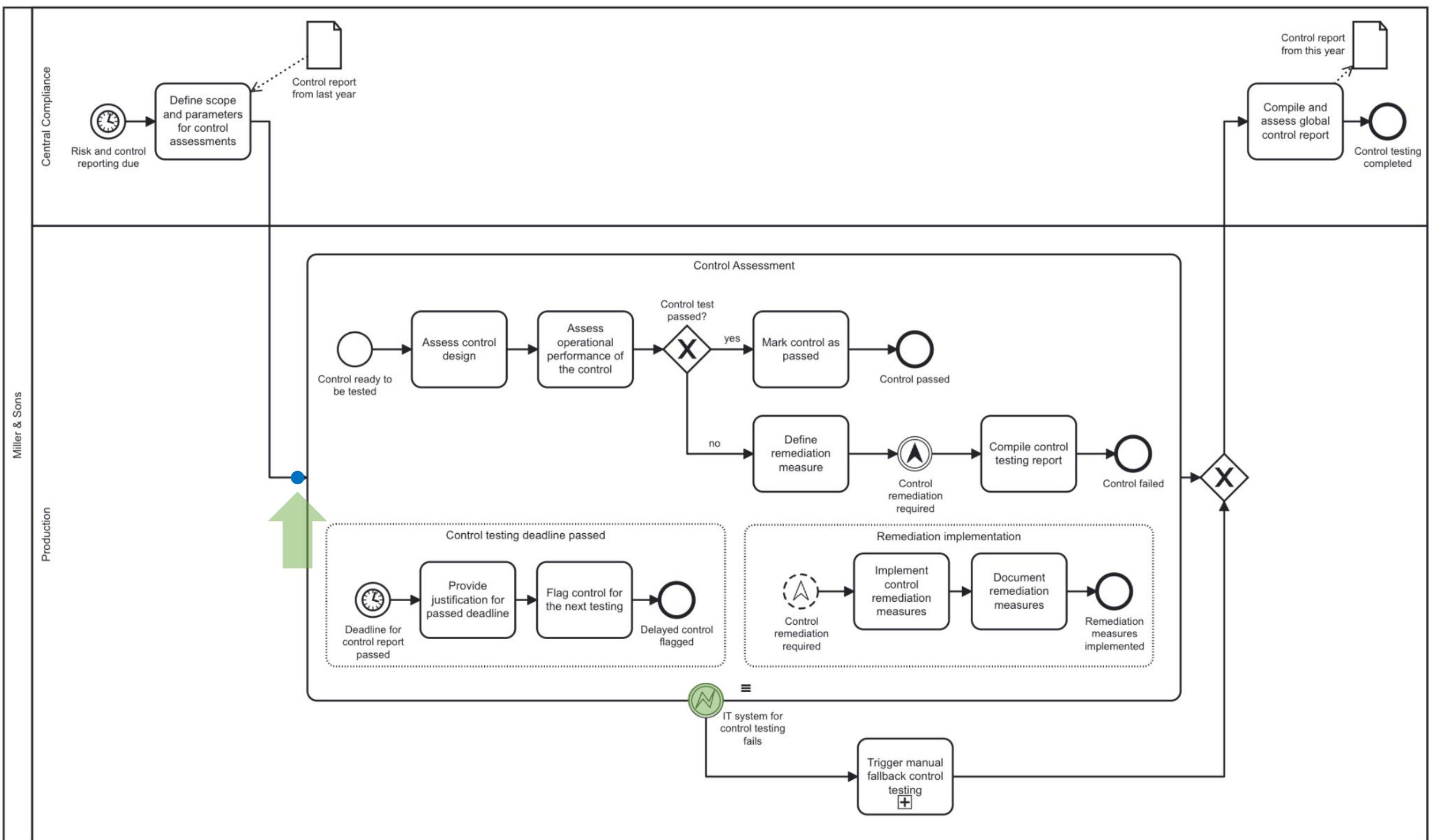


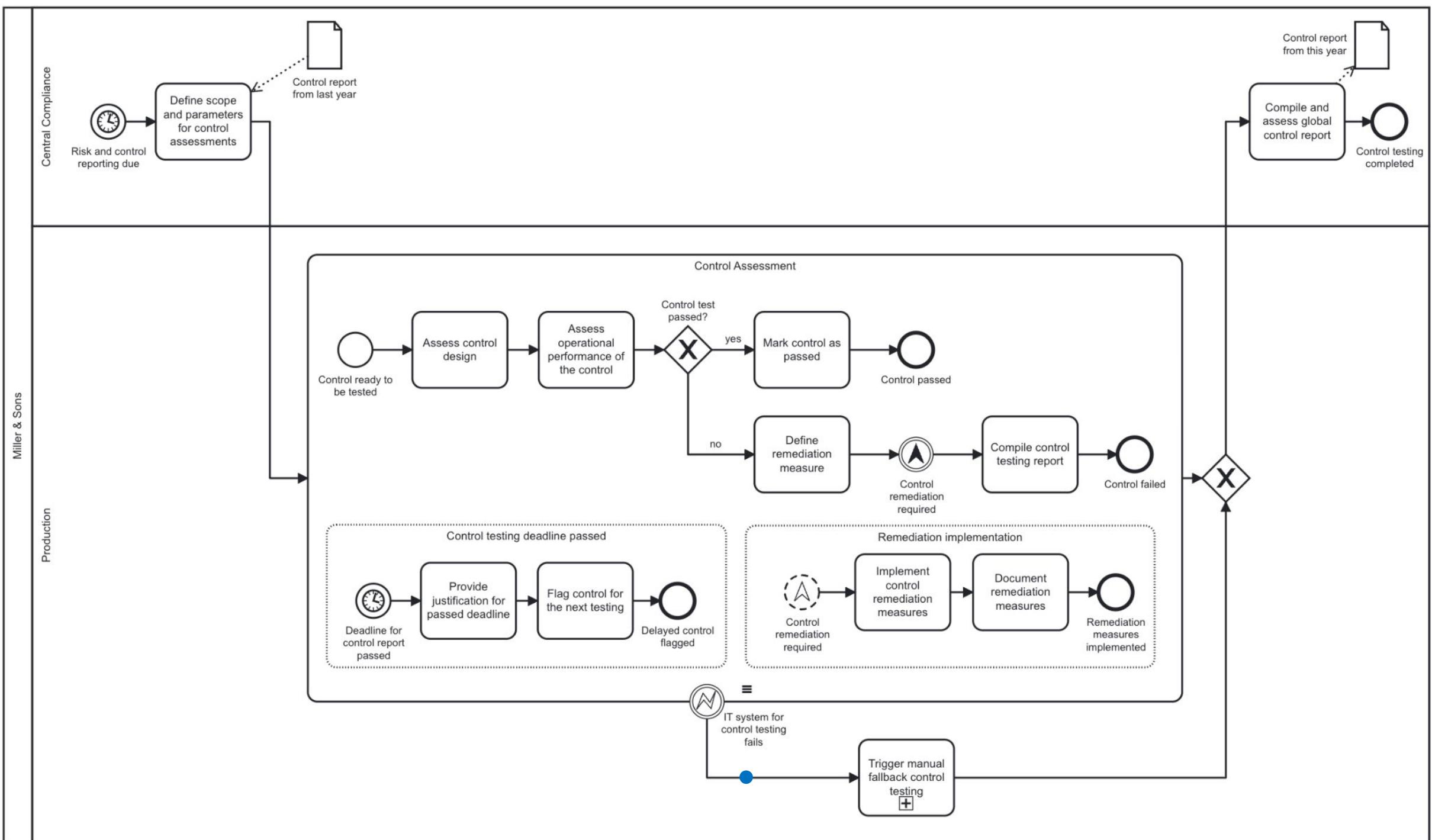


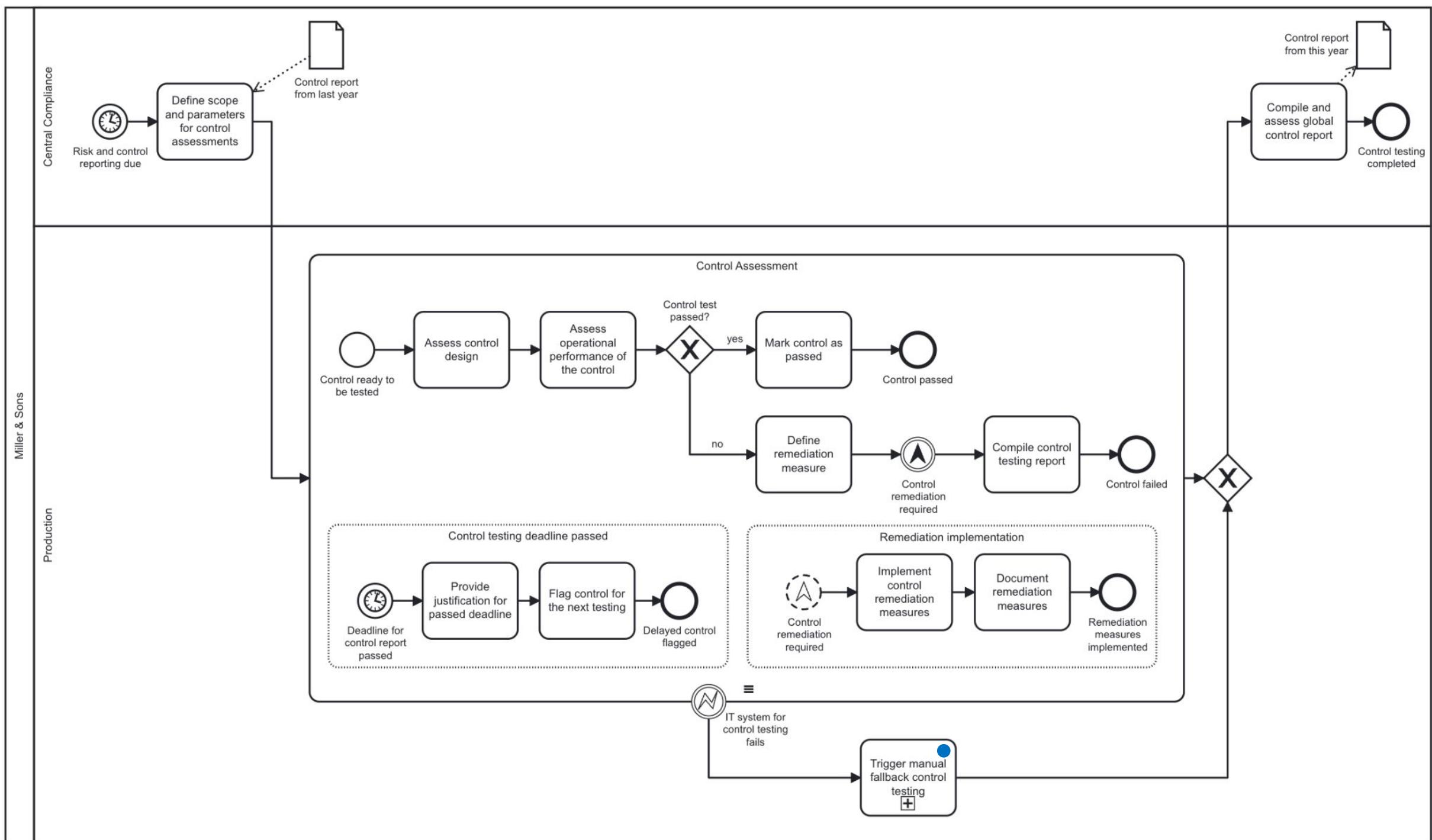


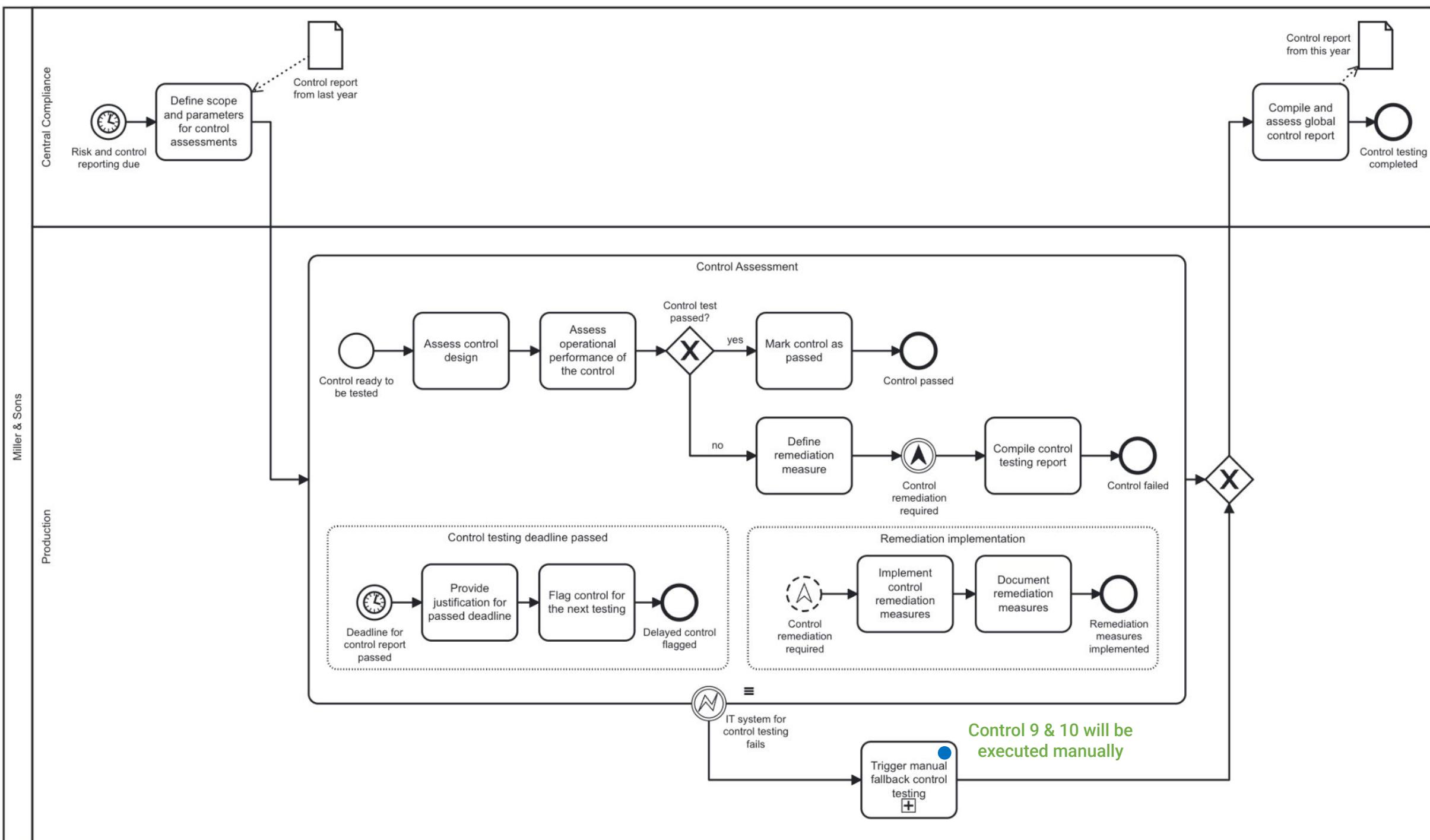


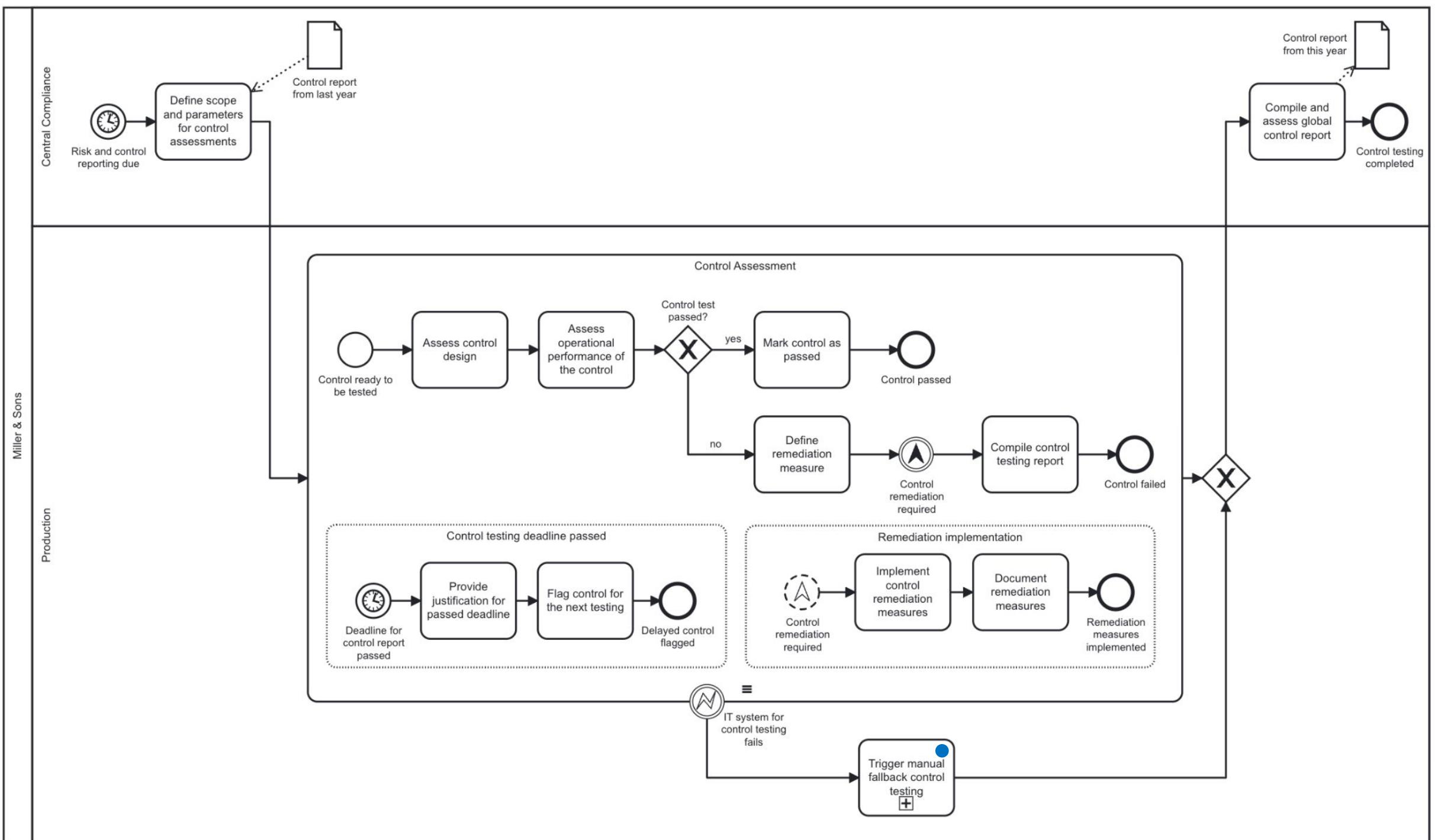


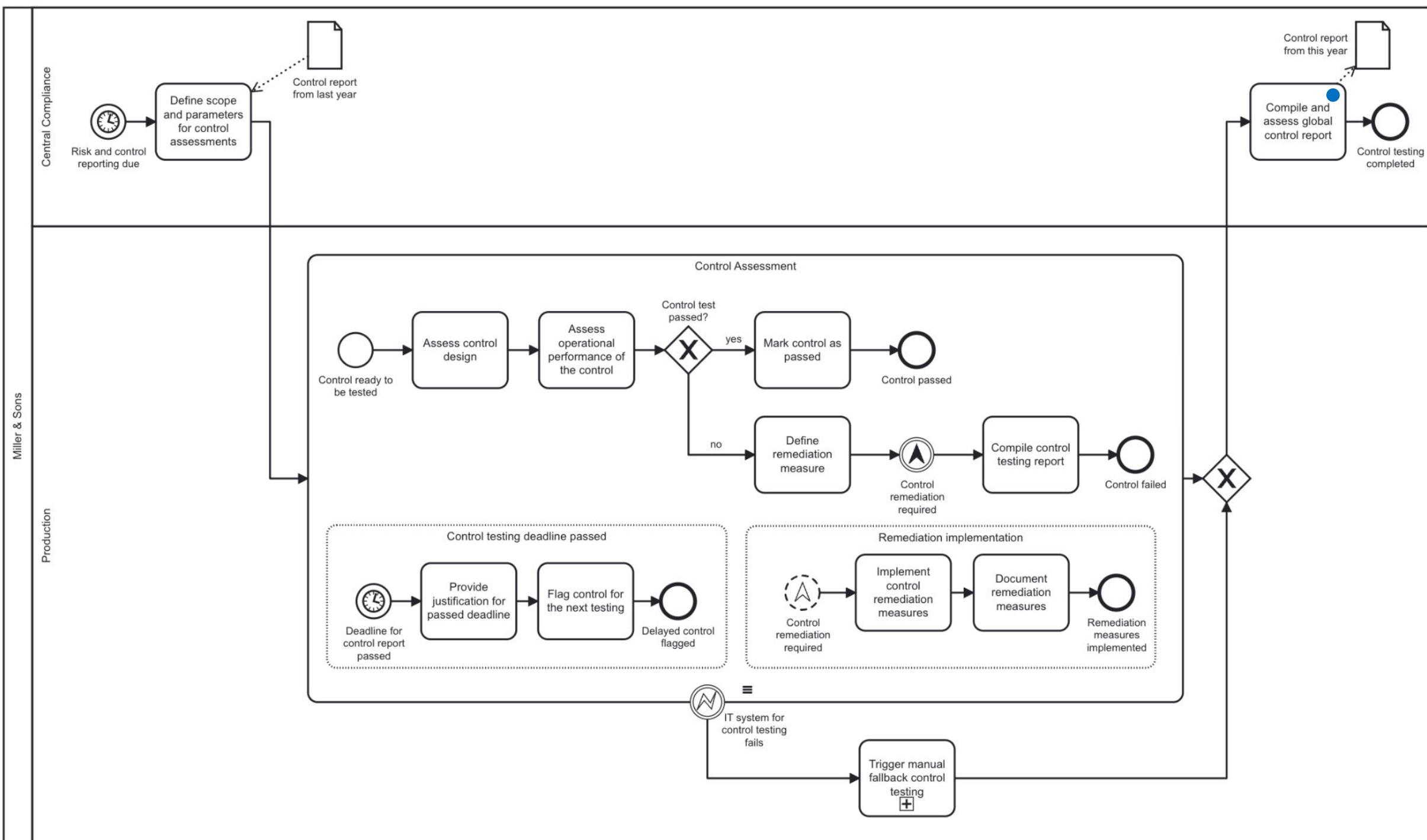


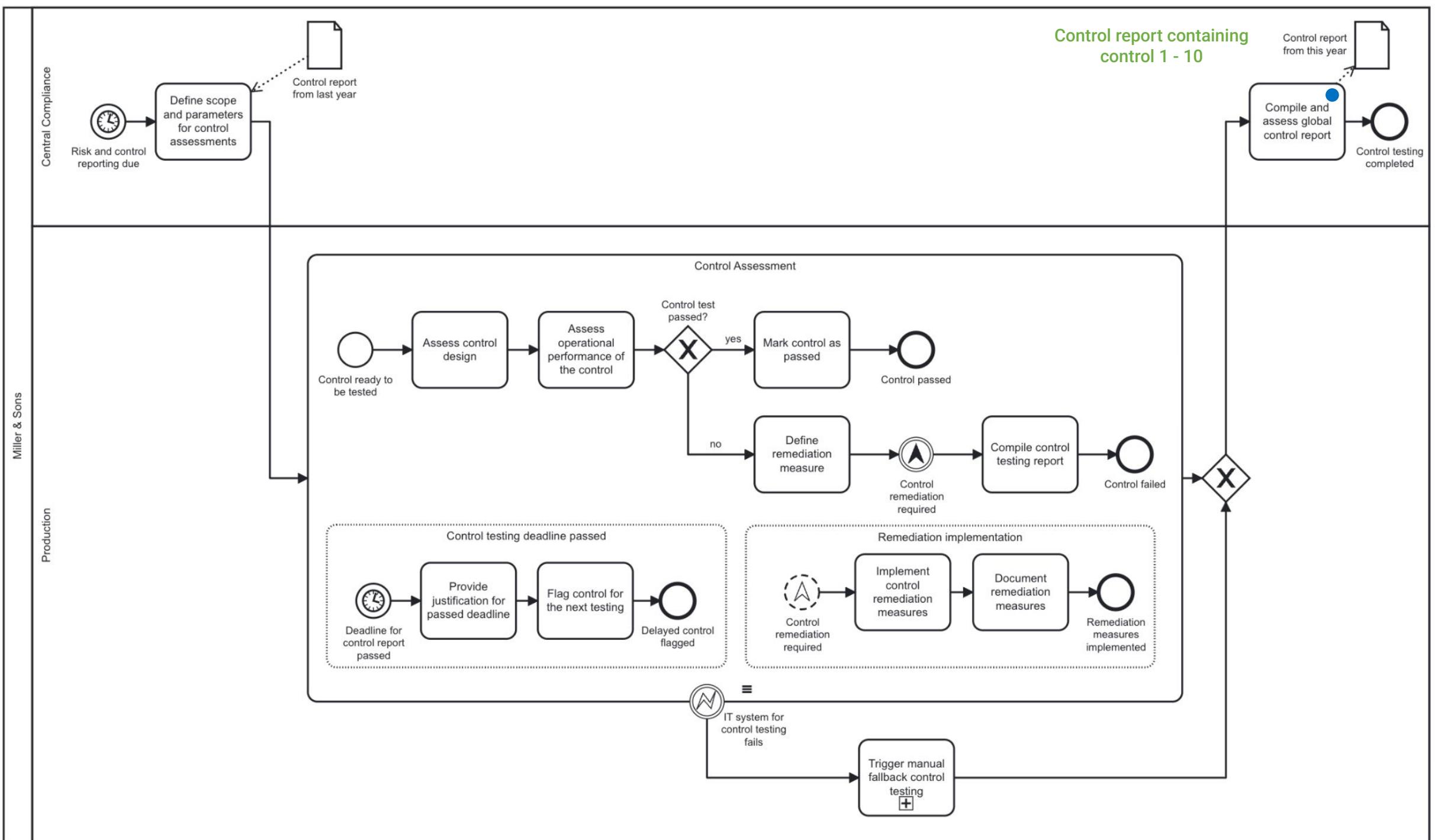








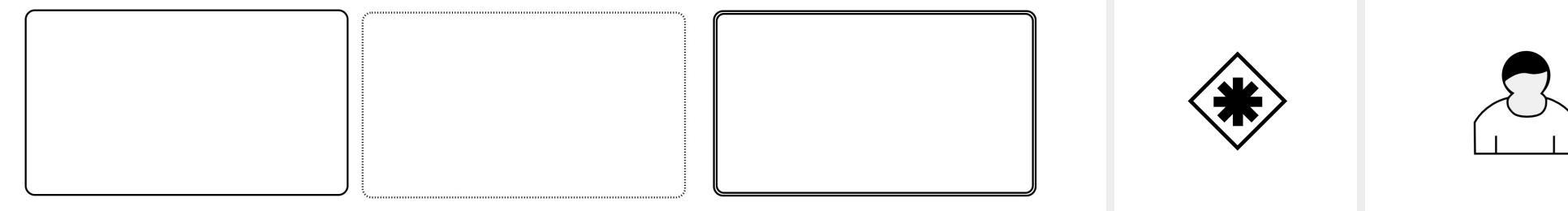
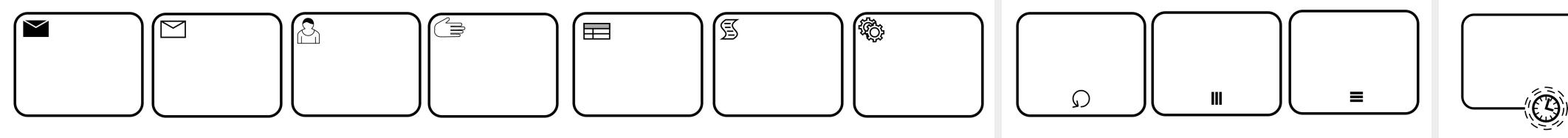






Congratulations!

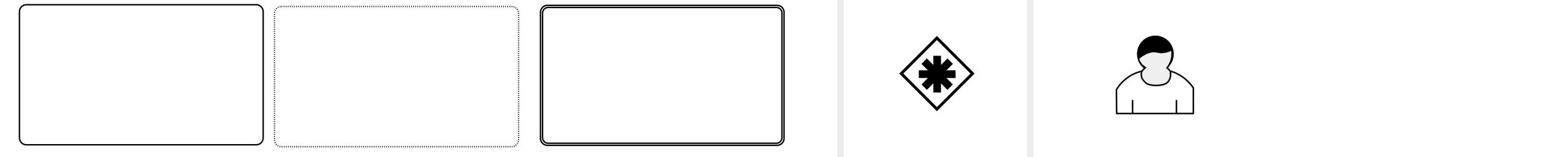
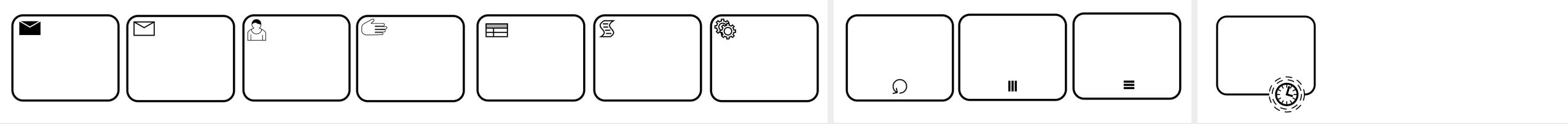
process camp



process camp

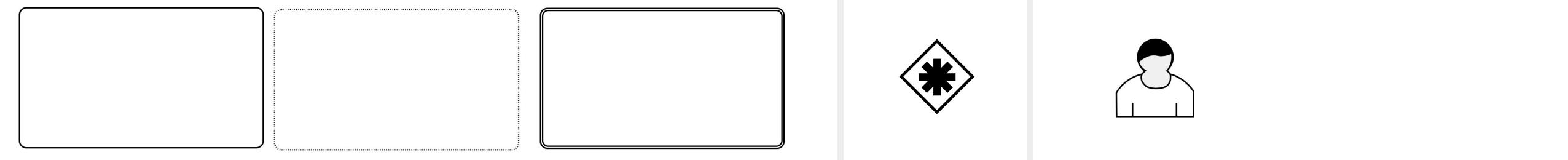
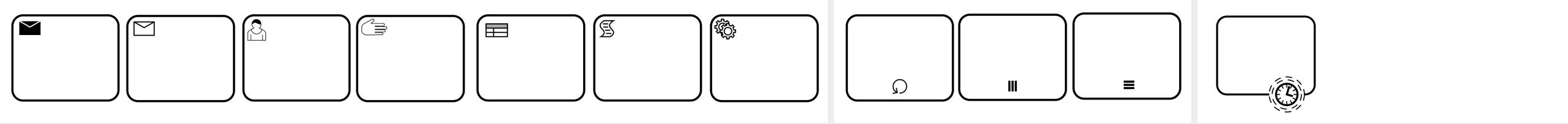


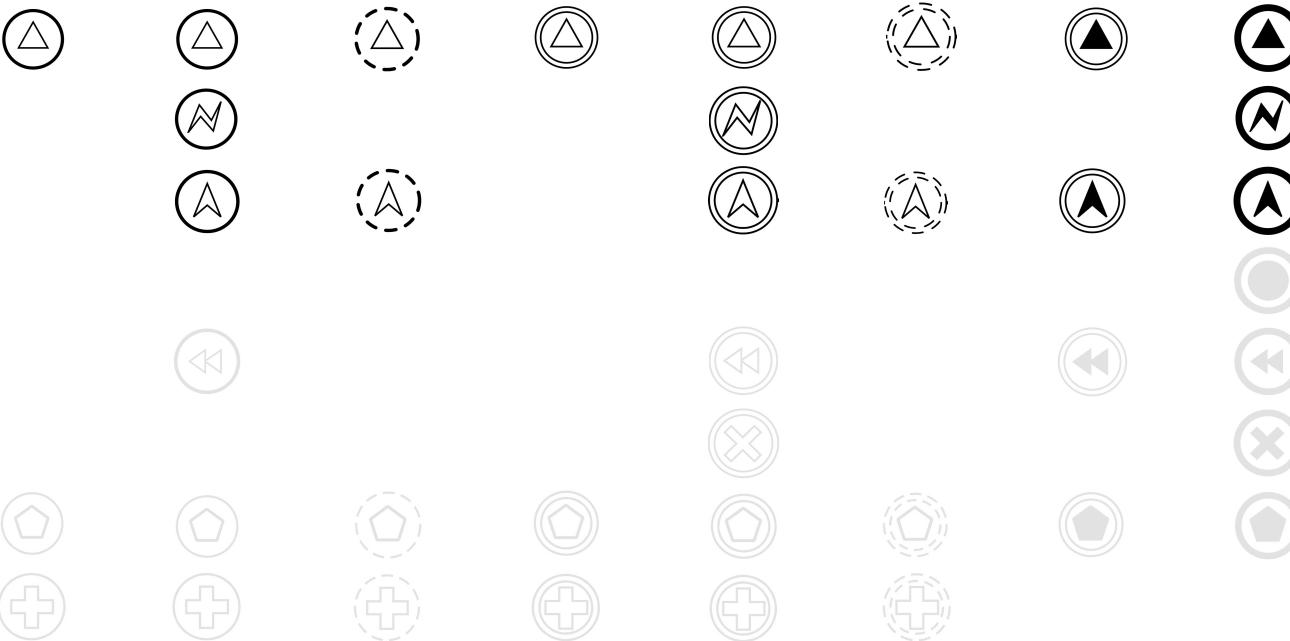
Signal Event



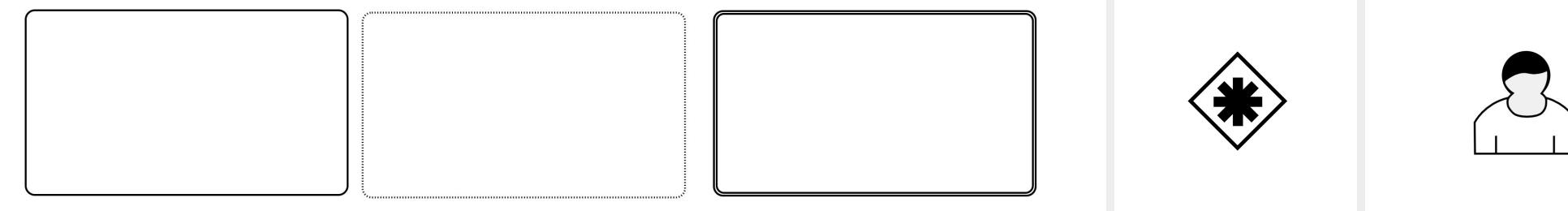
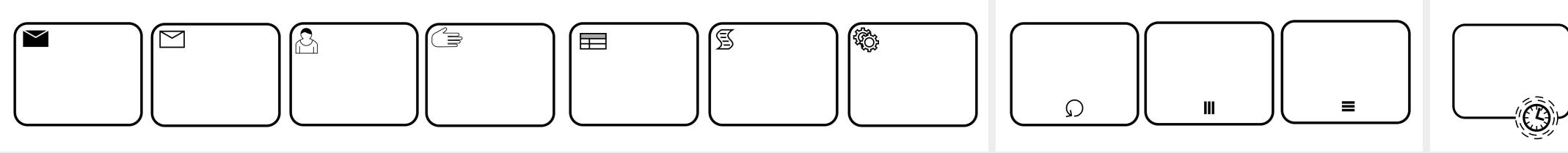


Error Event

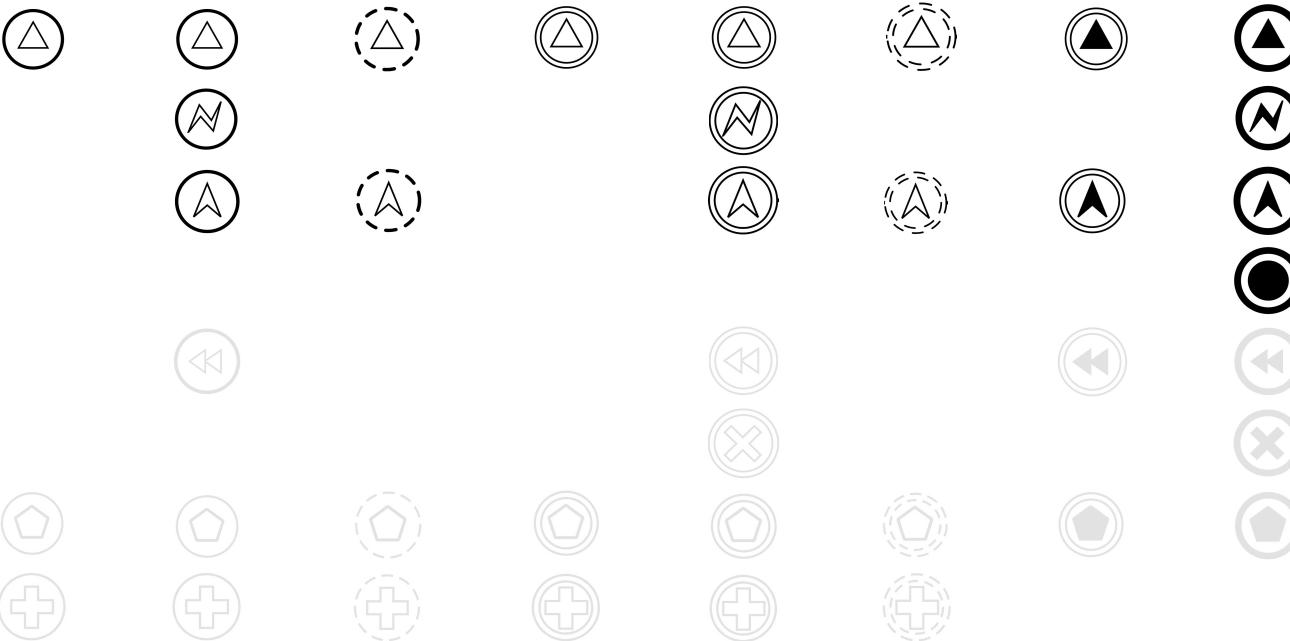




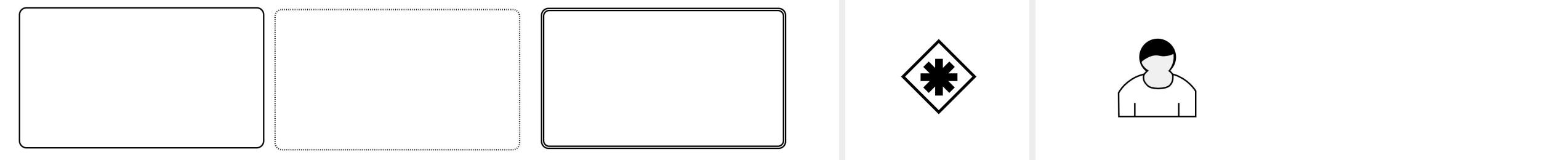
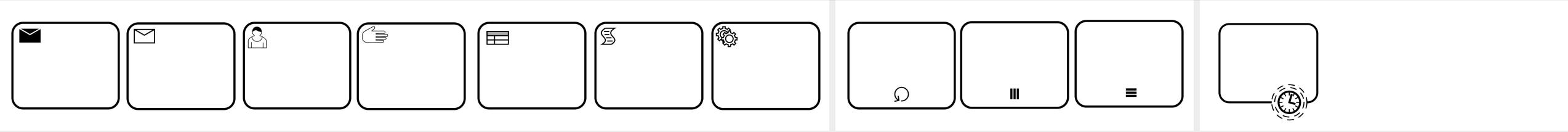
Escalation Event



process camp



Termination Event



process camp

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