P&I Schema Migration at Roche

Team Werdenberg Castle

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500 process instances per year
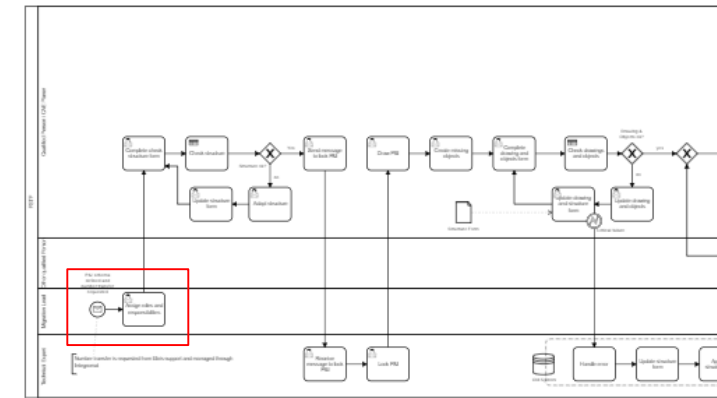
12 000 working hours

Project duration: 3 years

> 15 employees involved in workflow

1 process

As Is Process

- Only manual user tasks
- No automation

To Be Process

- User assignment to tasks

- Automated Business Process Rules for decision making

- Automated cross functional communication through Integromat

User assignment

Assign roles and responsibilites

Process_final_v8 ☑

📅 Set follow-up date   🔔 Set due date   ▦ Add groups   👤 Moody TheMigrationLead ✕

Form   History   Diagram   Description

Qualified Person 1

Jane Doe

Other qualified Person

Brainy TheQualified

Migration Lead

Moody TheMigrationLead

Old R&I Number
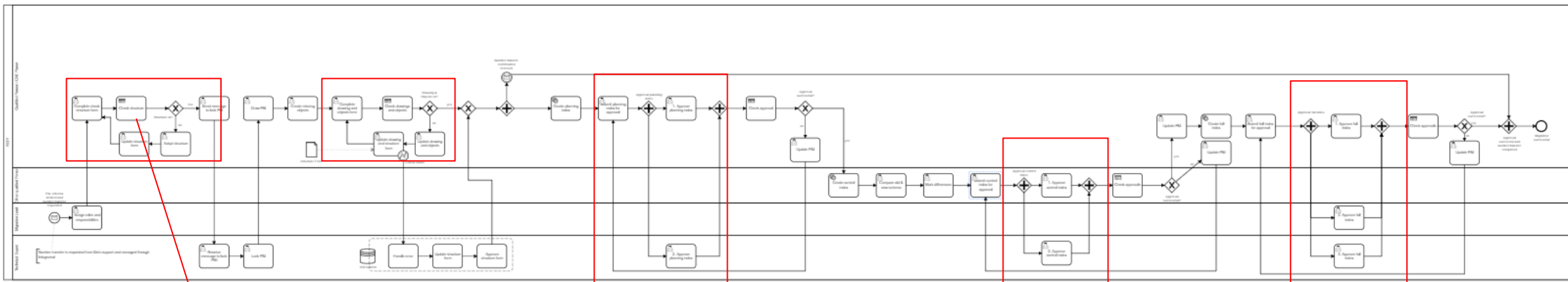
2000

New R&I Number

1000

Technical Expert

Rusty Pipes

Mockup

Save   Complete

Automated Business Process Rules

Check Drawing & Objects | Hit Policy: First

	When	And	And	And	And	And	And	Then	And	
	Main Machines	Secondary Machines	Equipment	Instrumentation ...	Piping Systen	Object Consistency	No Missing Objects	⊕ sumOfApproval2	Explanation	⊕ Annotations
	boolean	boolean	boolean	boolean	boolean	boolean	boolean	boolean	string	
1	false	-	-	-	-	-	-	false	"Something is not approved"	Something is not approved
2	-	false	-	-	-	-	-	false	"Something is not approved"	Something is not approved
3	-	-	false	-	-	-	-	false	"Something is not approved"	Something is not approved
4	-	-	-	false	-	-	-	false	"Something is not approved"	Something is not approved
5	-	-	-	-	false	-	-	false	"Something is not approved"	Something is not approved
6	-	-	-	-	-	false	-	false	"Something is not approved"	Something is not approved
7	-	-	-	-	-	-	false	false	"Something is not approved"	Something is not approved
8	true	true	true	true	true	true	true	true	"Everything is approved"	Everything is approved
+	-	-	-	-	-	-	-			

Automated cross functional communication
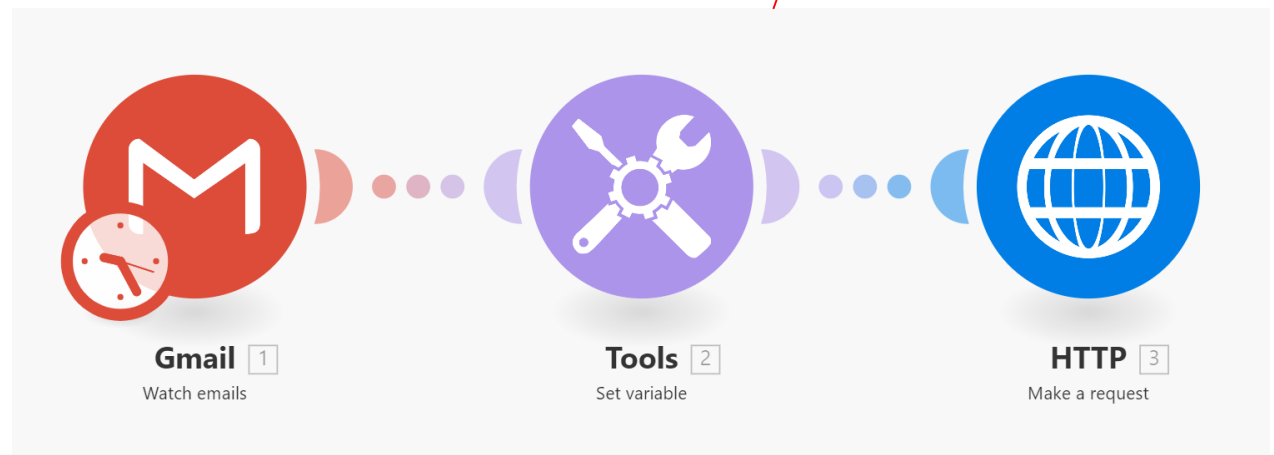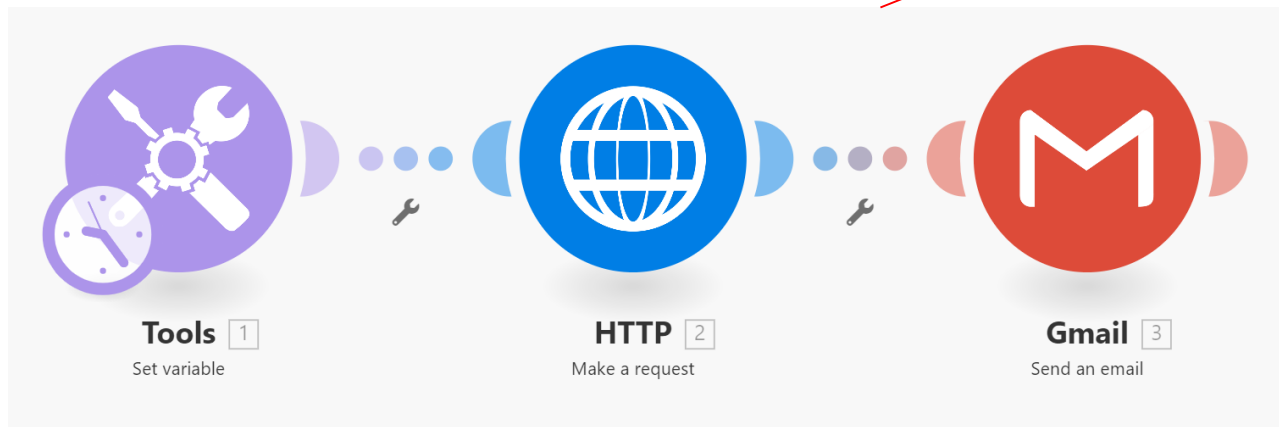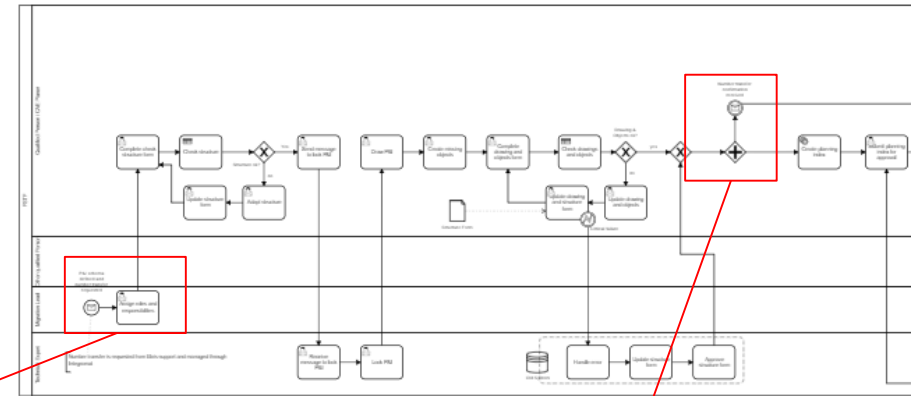
Process Mining with Apromore

– Identifying bottlenecks and improvement opportunities
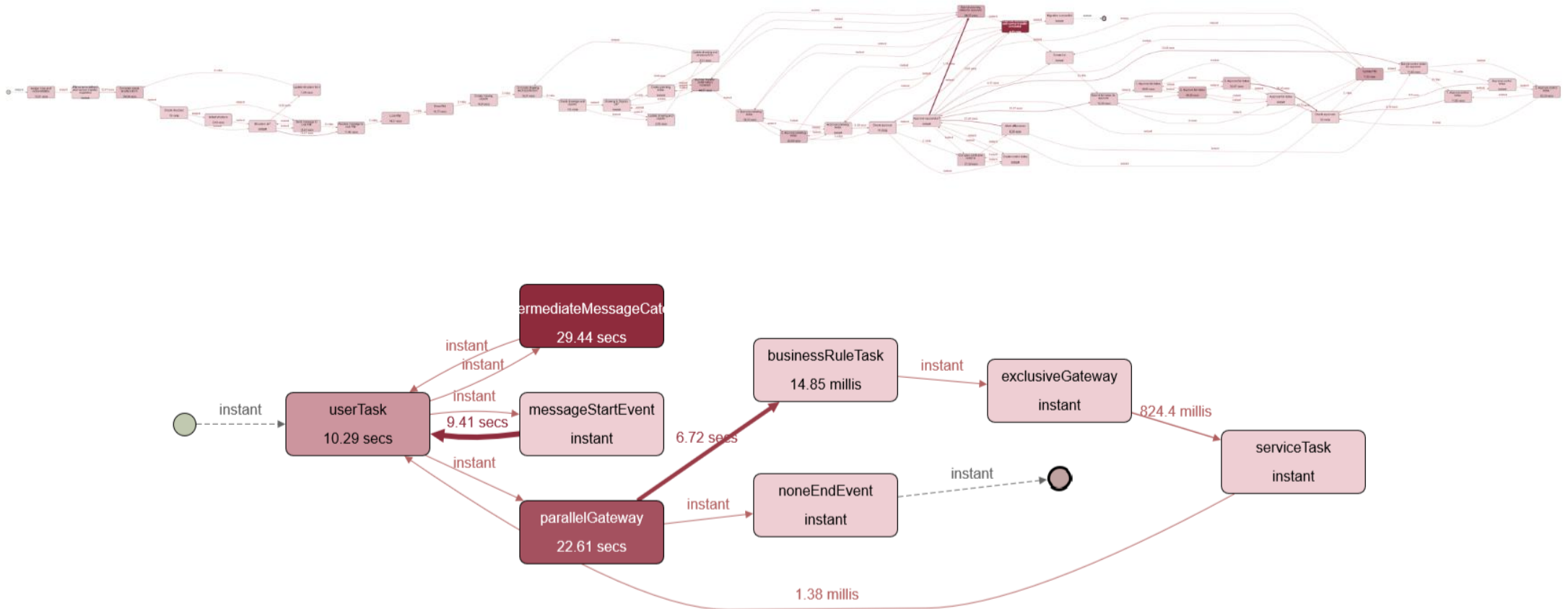
Benefits

- Digitalization

- Automation

- Visibility

- Traceability

Final remarks

Because of confidentiality:

- No connection to production system
- No real business logs
- Simplified business logic