



How to Successfully Manage and Deploy Processes in Worldwide Companies

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Overall D&IS Process Architect at Alstom

11th March 2026

ALSTOM
• mobility by nature •

Agenda

1. About Alstom D&IS
2. Foundation → Process Network
3. First Pilar → Contribution to Process Authoring
4. Second Pilar → Strong Feedback Loop
5. Third Pilar → Process Deployment Verification
6. Conclusion

01

About Alstom D&IS

Alstom offers a complete product portfolio to best serve customers

Rolling stock and Components



- Rolling Stock (commuter, high-speed, locomotives, light rail, metro, monorail and people mover, regional and intercity)
- Components

Digital and Integrated Services



- Signalling (mainline, urban, freight & mining, services)
- Turnkey, Infrastructure and Telecom Systems
- IT for rail (including Cybersecurity)

Services



- Rolling stock maintenance
- Parts, repairs and component overhauls
- Refurbishment and modernisation
- Train operation and system maintenance

D&IS is leveraging a unique footprint of ~22,000 employees in 40+ countries

100+
LOCAL
DEPLOYMENT
CENTRES

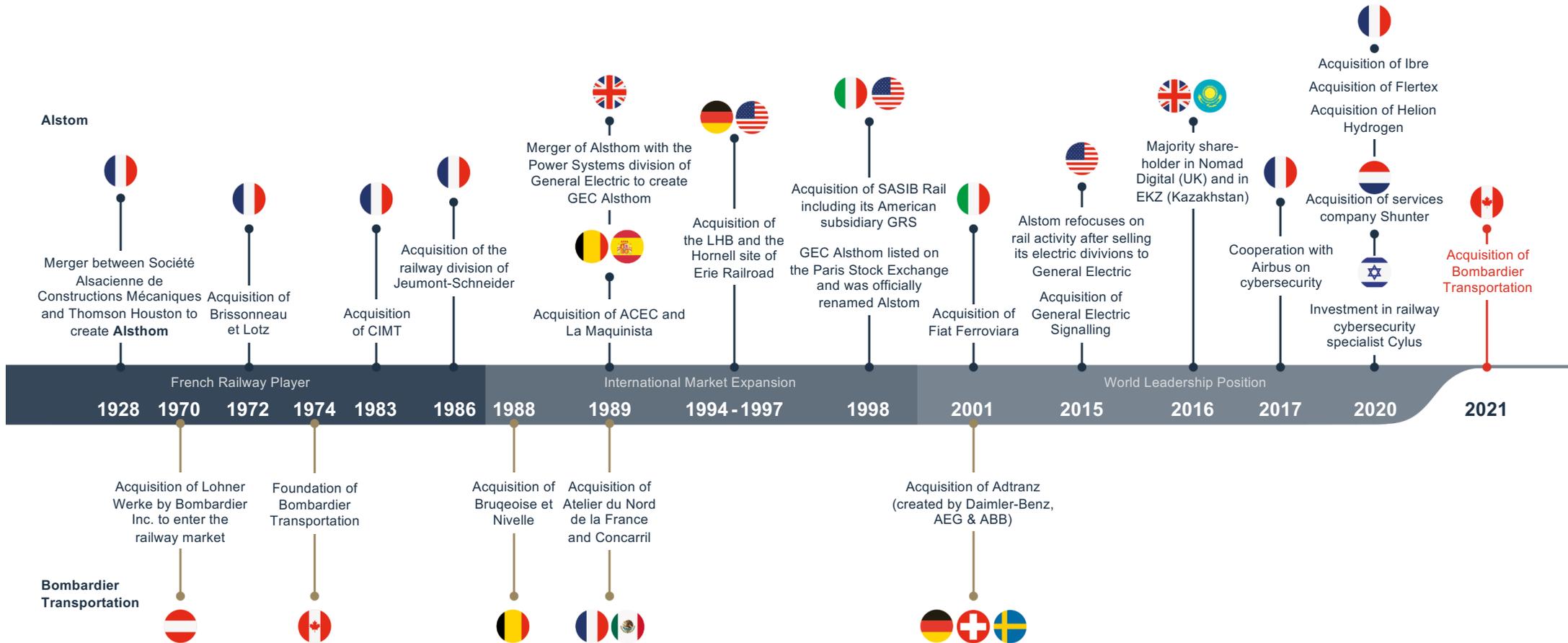
15
MAJOR
ENGINEERING
CENTRES

4
JVs INCL.
CASCO

1- Sites over 50 employees

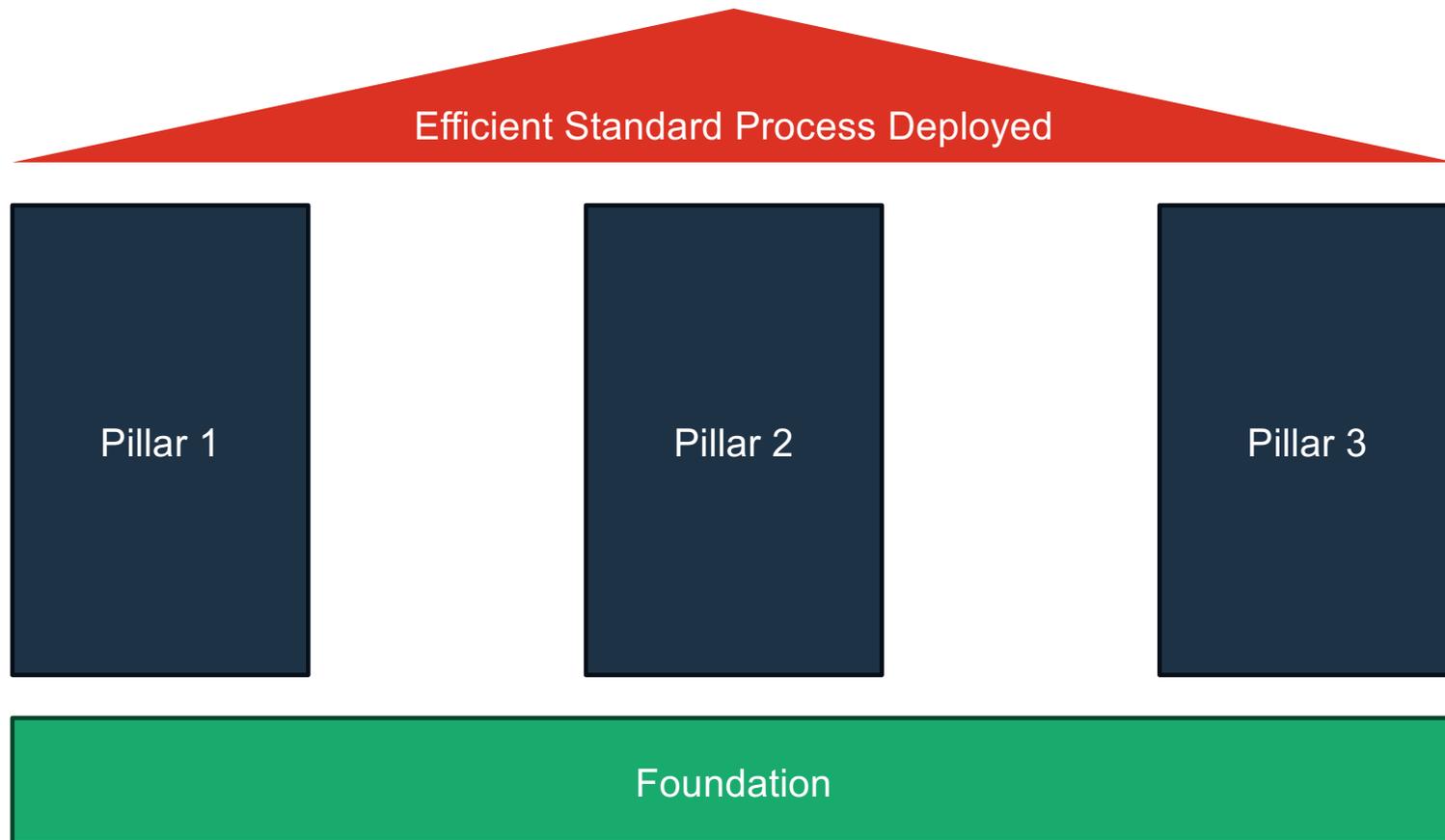


Alstom's story: building the world leader in rail technology



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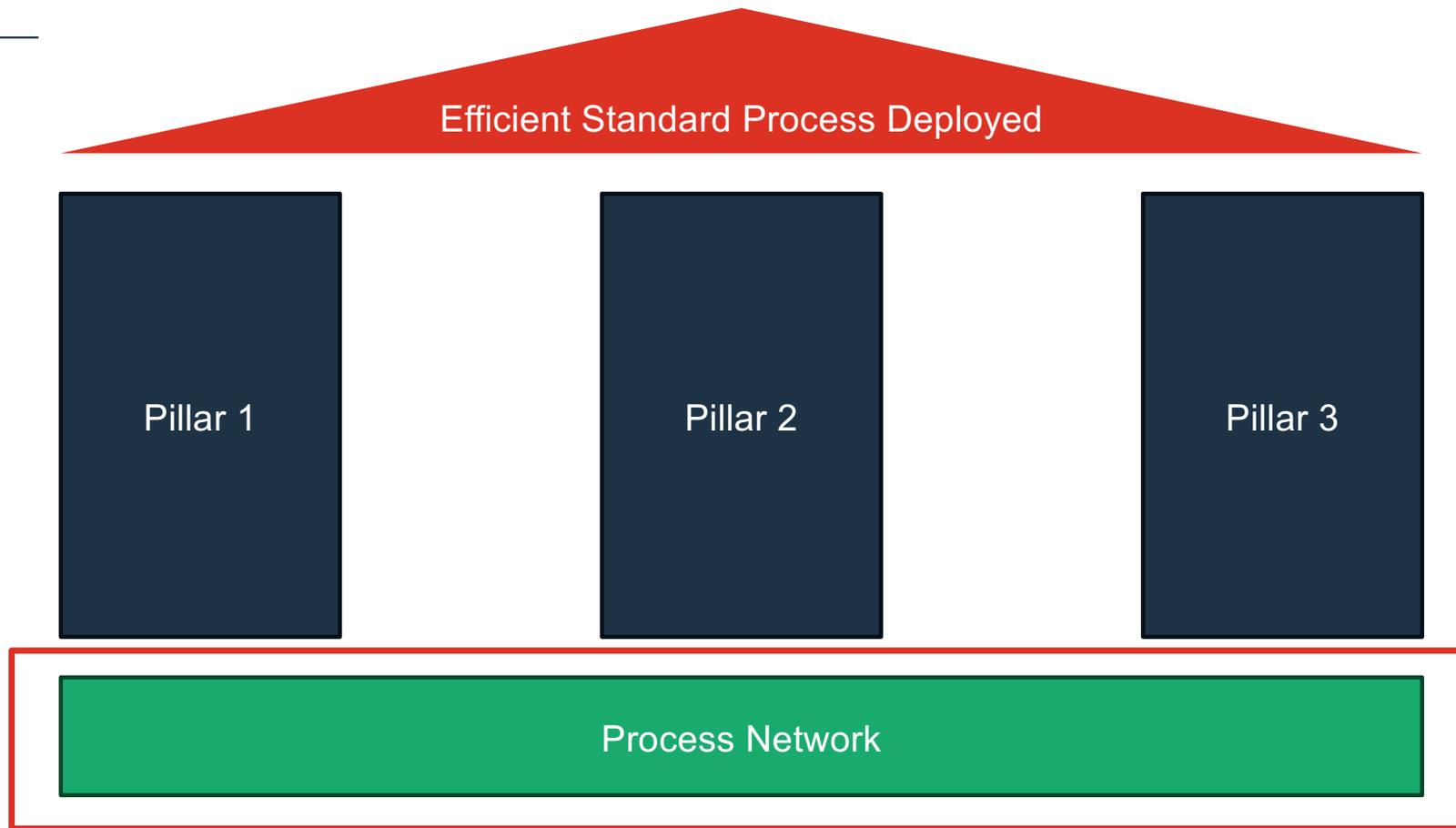
Process Management House



02

Foundation → Process Network

Process Management House

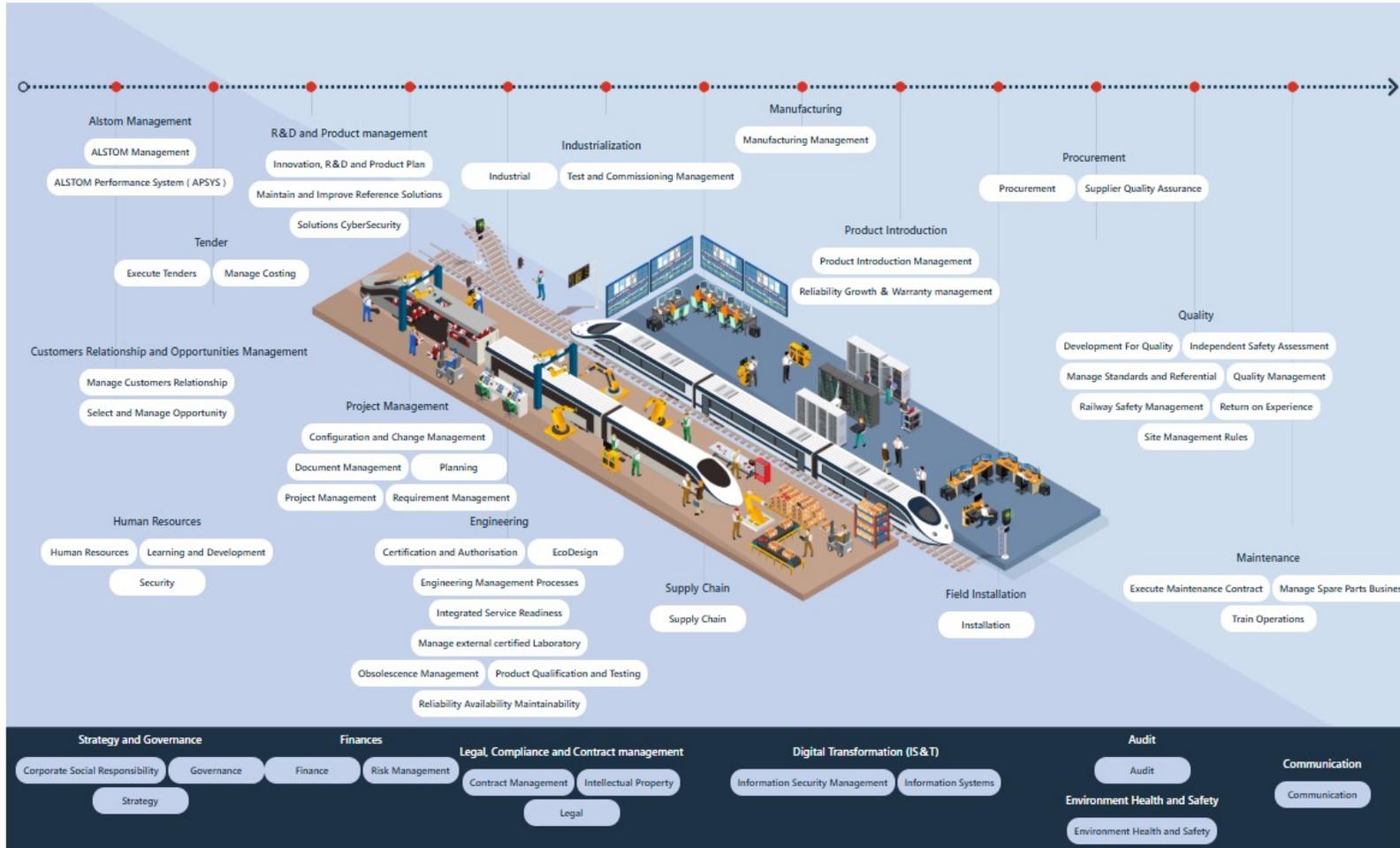




Foundation → Process Network

1. **Process Map**
2. Process Role
3. Transversal Role
4. Tool to support the network

Foundation → Process Network



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Foundation → Process Network

1. Process Map
2. **Process Role**
3. Transversal Role
4. Tool to support the network

Foundation → Process Network

Central Level

Macro Process Leader

Define the strategy

Lead the process

Process Leader

Process Expert

Site Level

Support the Process Leader

Process Correspondent

Ensure Process Deployment



Foundation → Process Network

1. Process Map
2. Process Role
3. **Transversal Role**
4. Tool to support the network

Foundation → Process Network

Central Level

Macro Process Leader

Animate Central Network and solve transversal issues

Process Leader

Process Architect

Process Expert

Site Level

Process Correspondent

Animate Local Network

QMS Manager



Foundation → Process Network

1. Process Map
2. Process Role
3. Transversal Role
4. **Tool to support the network**

Foundation → Process Network

Central Level

22

Macro Process Leader

Animate Central Network and solve transversal issues

~ 70

Process Leader

Process Architect

3

Process Expert

~100

Site Level

~1500

Process Correspondent

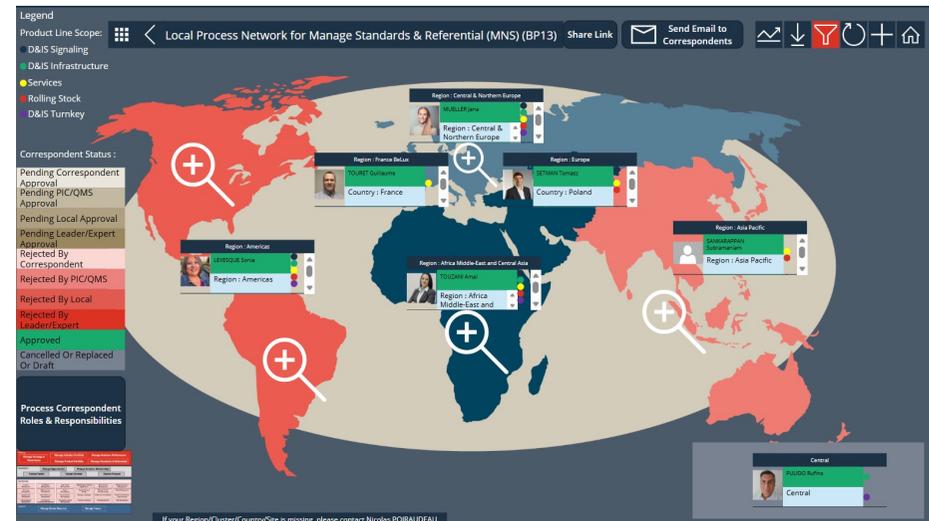
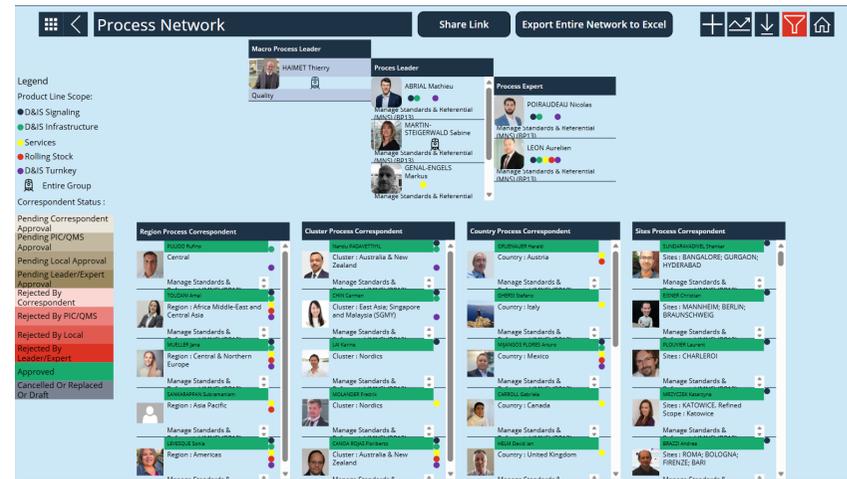
Animate Local Network

QMS Manager

~20

Foundation → Process Network

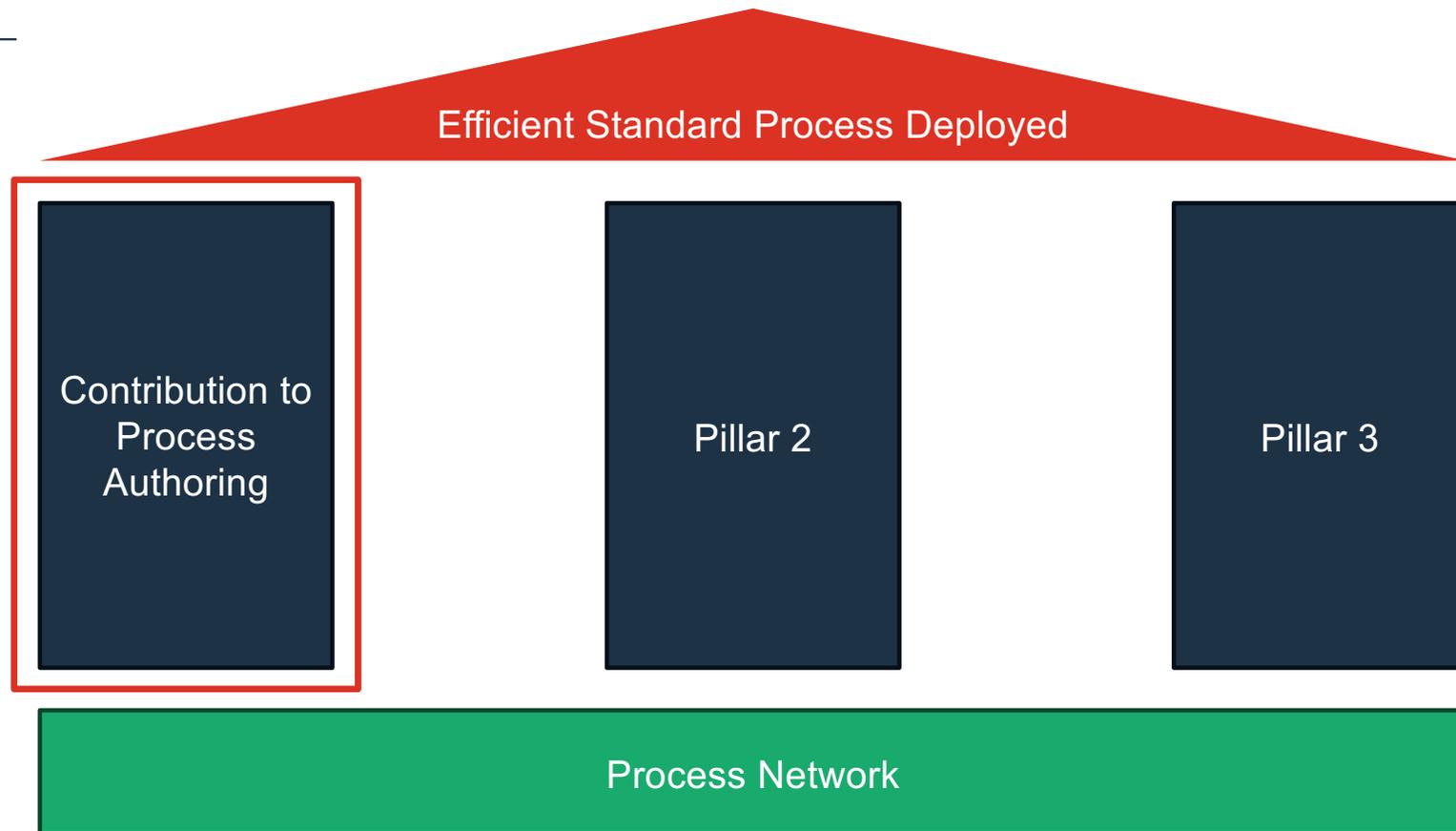
- Automatic Nomination workflow
- View by Process / Site / Region / Business Unit...
- Single Point of Truth for the company



03

First Pillar → Contribution to Process
Authoring

Process Management House



First Pilar → Contribution to Process Authoring

Process can only be deployed properly if there is adherence to the process from the people that deploy it. This implies the below golden rules :

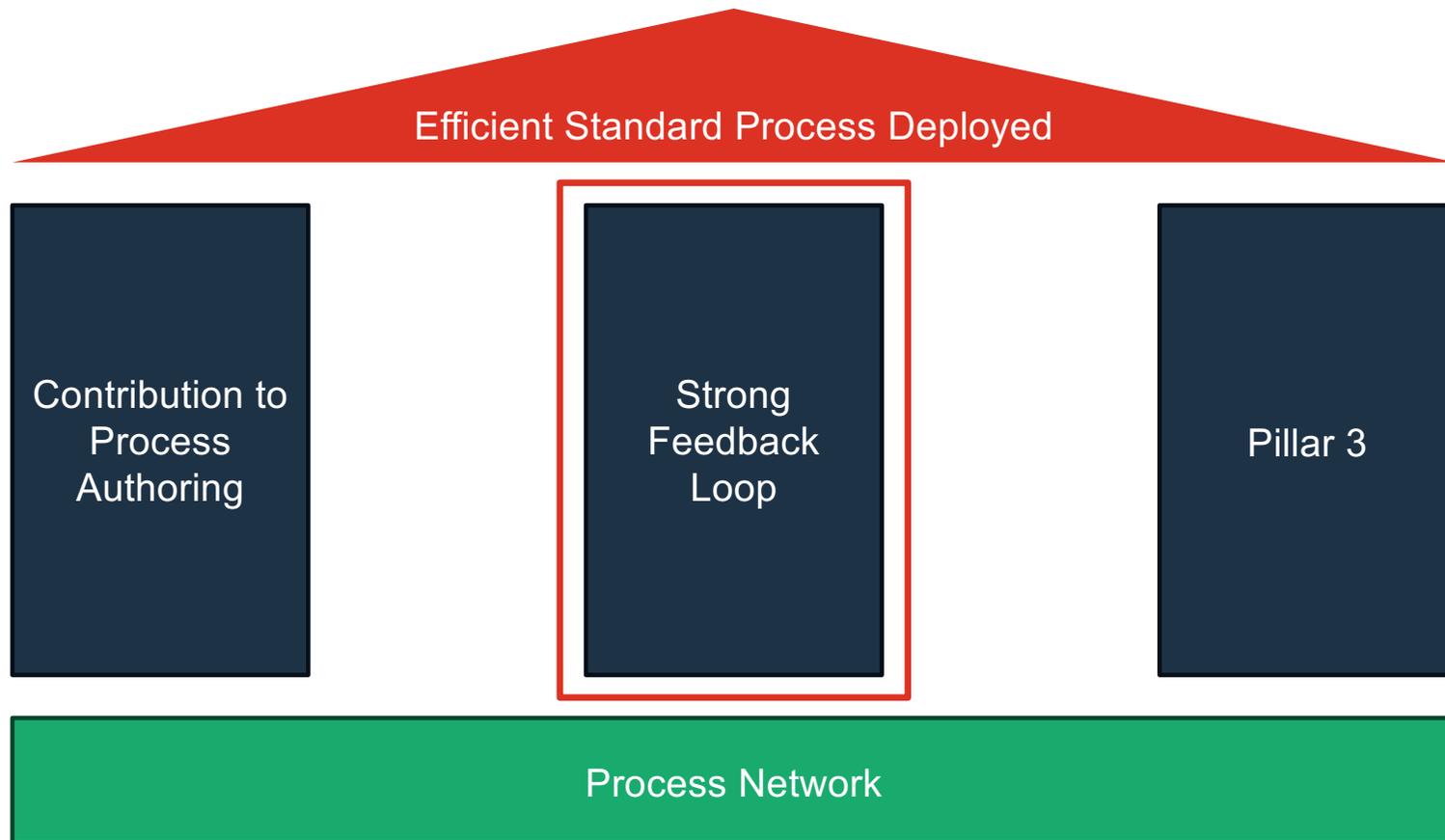
- Mandatory Proofreading of the model by the Process Correspondent BEFORE deployment
- Mechanism to allow users to comment the model → Process Information Request
- Process Modeler should be someone from the business that is expert in the process.

Filter by Process	Manage Standards & Referential	Filter by Assign to	Process Leader/Expert	Filter by IR Type	Stages Baseline
Filter by Product Line	Find Items	Filter by Status			
Filter by Site	Find Items	Filter by PIR Number	PIR000000		
PIR Reference / Process	Description	Product Line / Site	Request Date / Criticality	Submitted By / Assign To	
PIR00000029	Hi, During CMMI checkpoint in March 2024, one point was related to process review : SEDIS (PCM 3.6) Effectiveness efficiency has not been checked for process improvement actions already closed. Our action was then to raise the need to improve the Process.	D&IS Signaling	6/11/2024	LAI Karine	Answered IR Reply Re-Assign
PIR00000329	The description on this page refers to "Section 3", so it seems that this is a leftover copy paste from the document version of the process into Stages. Nicolas POIRAUDEAU 1/24/2025 4:25 PM : this will be corrected in the baseline Dm_J, thank you for your feedback.	D&IS Signaling	10/16/2024	AVEIRO Leandro	Answered Modeling Reply Re-Assign
Dm_J	Go to process	ROCHESTER	Medium	Process Leader/Expert	
PIR00000330	Should update the reference as REF-PRO-001 is now replaced by MNS-PRO-002 Nicolas POIRAUDEAU 1/24/2025 4:27 PM : this will be corrected in the baseline Dm_J, thank you for your feedback.	D&IS Signaling	12/23/2024	CHALERMMWARAK Ij Karjiana	Answered Modeling Reply

04

Second Pillar → Strong Feedback Loop

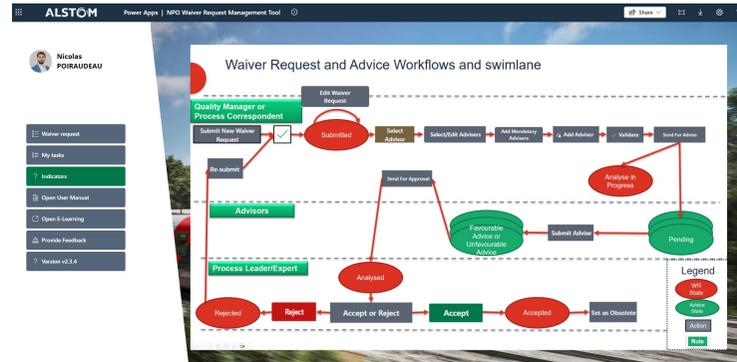
Process Management House



Second Pillar → Strong Feedback Loop

Those involved in deploying the process should have clear and effective channels to make their voices heard:

- Process Reviews
- Process Change Request
- Process Waiver Request
- Monthly meeting between Process Correspondent and Process Leader/Expert



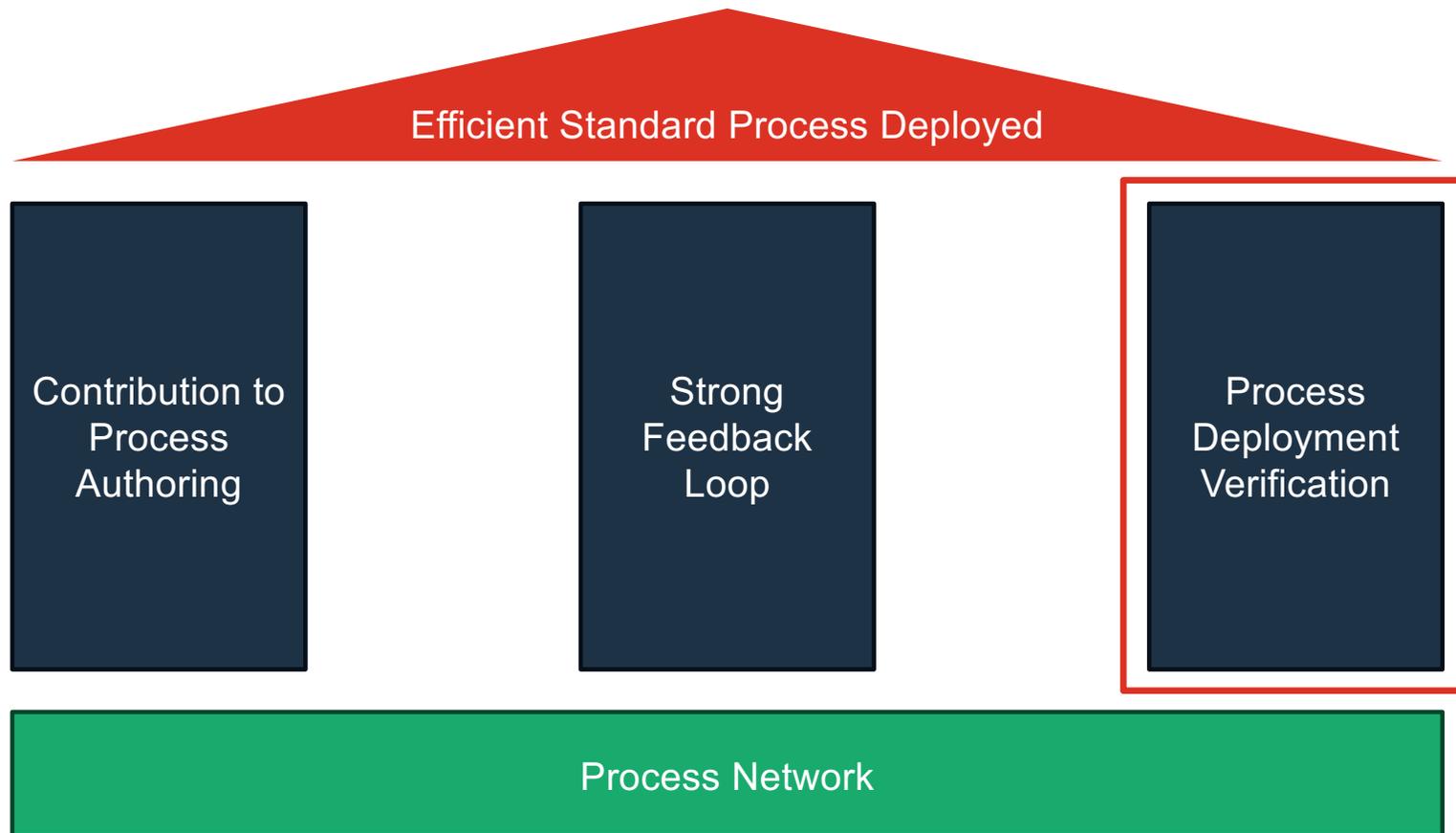
The screenshot shows the 'Process Change Request (PCR)' interface. At the top, there are buttons for 'Search by People', 'Refresh Data', 'Create PCR', and 'NP'. Below these are search filters for 'Search by PCR Number or Text', 'Search by Process', and 'Search by Country from Submitter'. The main area contains a table of PCR records with the following columns: 'Submitted', 'PCR Found', 'Analysis Completed', 'Implementation in Progress', 'Closed Implemented', and 'Closed Rejected'. The table contains several rows of PCR records with details like 'atvcn01263288 D&S Signaling' and 'atvcn00752929 D&S Signaling'. At the bottom, there are buttons for 'Open User Manual' and 'v1.2.9'.

Submitted	PCR Found	Analysis Completed	Implementation in Progress	Closed Implemented	Closed Rejected
69	2000	21	11	964	833
atvcn01263288 D&S Signaling Country from Submitter: France Implementation in Progress					
[REF-IS-WMS-001](rev.K) How to manage Tailoring Rules application at project level					
Manage Standards & Referential (MNS) (BP13) Submitted By: ROYANT Ugo at: 11/17/2021					
Owned By: ABRIAL Mathieu Modified By: POIRAUDEAU Nicolas at: 3/17/2023					
atvcn00752929 D&S Signaling Country from Submitter: Italy Implementation in Progress					
Peer Review instructions not referenced in "Develop Electro-mechanical Equipment"					
Maintain and Improve Reference Solutions (Execute Program) (DEV) (BP05) Submitted By: BRAZZI Andrea at: 10/27/2016					
Owned By: MILLET Nicolas Modified By: VERMEULEN Arnaud at: 9/3/2025					
atvcn01018694 D&S Signaling Country from Submitter: France Analysis in Progress					
Linux Distribution build are difficult with TP09					
Software engineering (SOE) (TP09) Submitted By: ROLLAND Olivier at: 3/5/2020					
Owned By: ROLLAND Olivier Modified By: ROLLAND Olivier at: 9/6/2024					

05

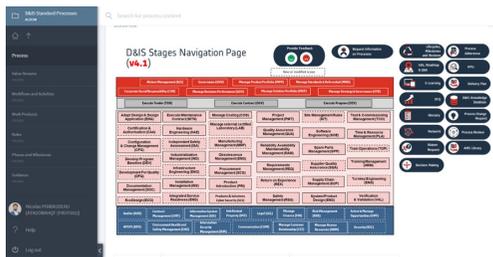
Third Pillar → Process Deployment Verification

Process Management House

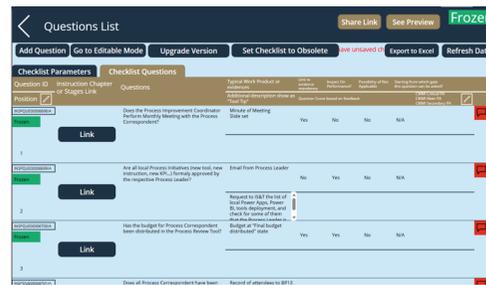


Third Pillar → Process Deployment Verification

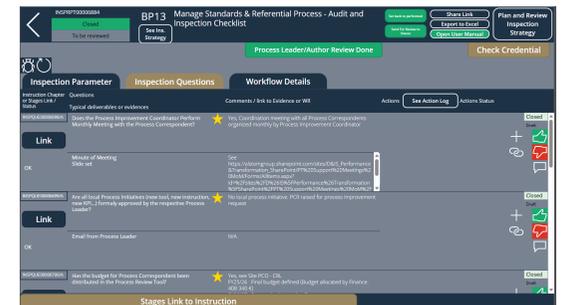
Process Definition (Stages)



Checklist defined by Process Leader



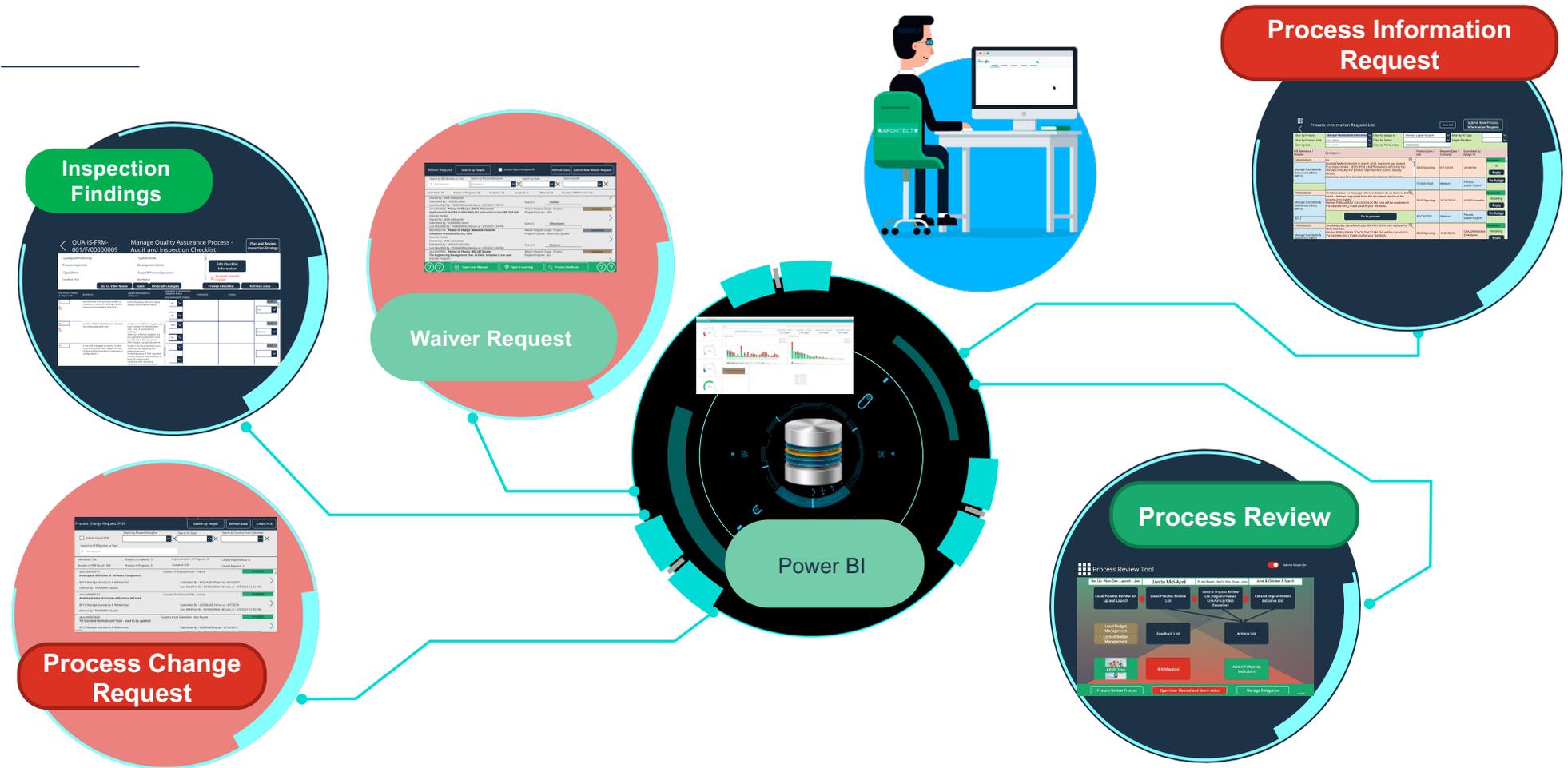
Inspection executed by Quality



06

Conclusion

Process Management – Deployment and Continuous Improvement Monitoring



Power Apps at Alstom



Rapid App Development

Power Apps allows quick creation of custom applications, accelerating workflow optimization and boosting productivity at Alstom.

Seamless Integration

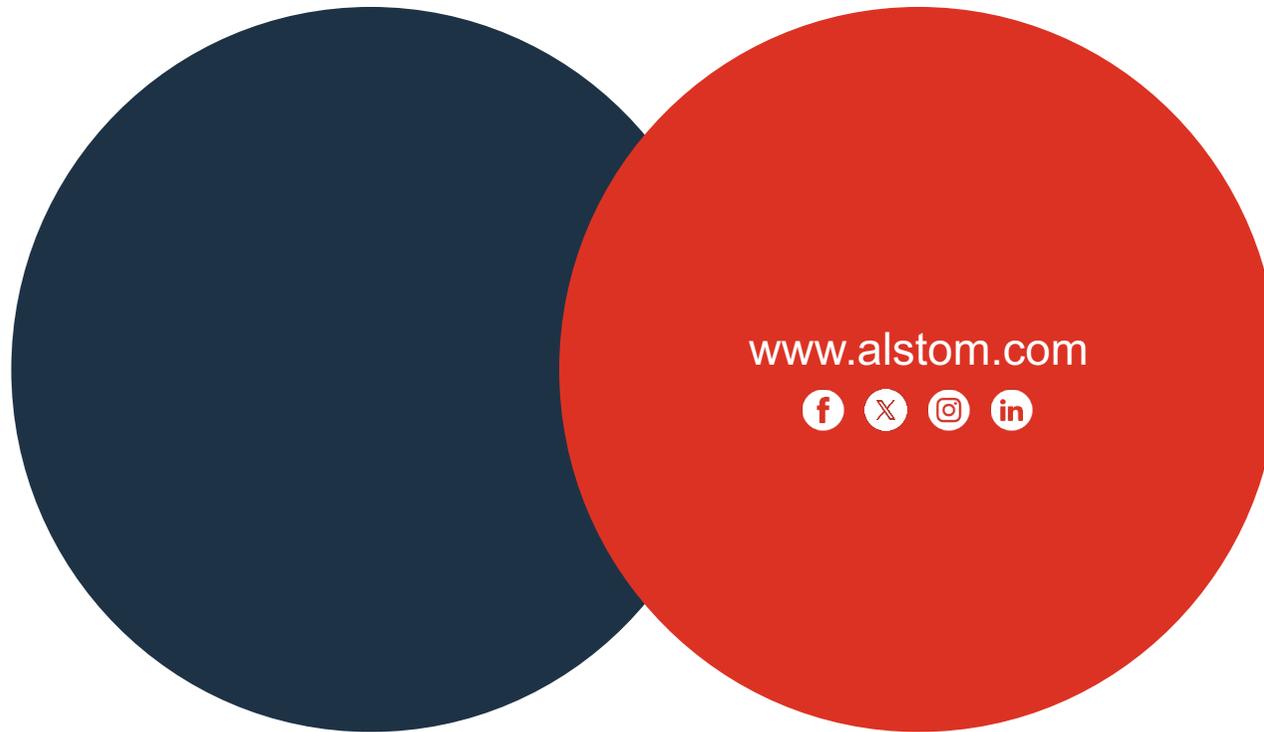
Integration with Microsoft tools enables smoother workflows, reducing time and costs for development and deployment. Easy access management and integration with Power BI.

Employee Empowerment

Alstom employees can create tailored solutions, fostering innovation and addressing specific business needs efficiently.

No license cost

When using basic feature, there is no additional license requested, it's already included in our Office 365 package.



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