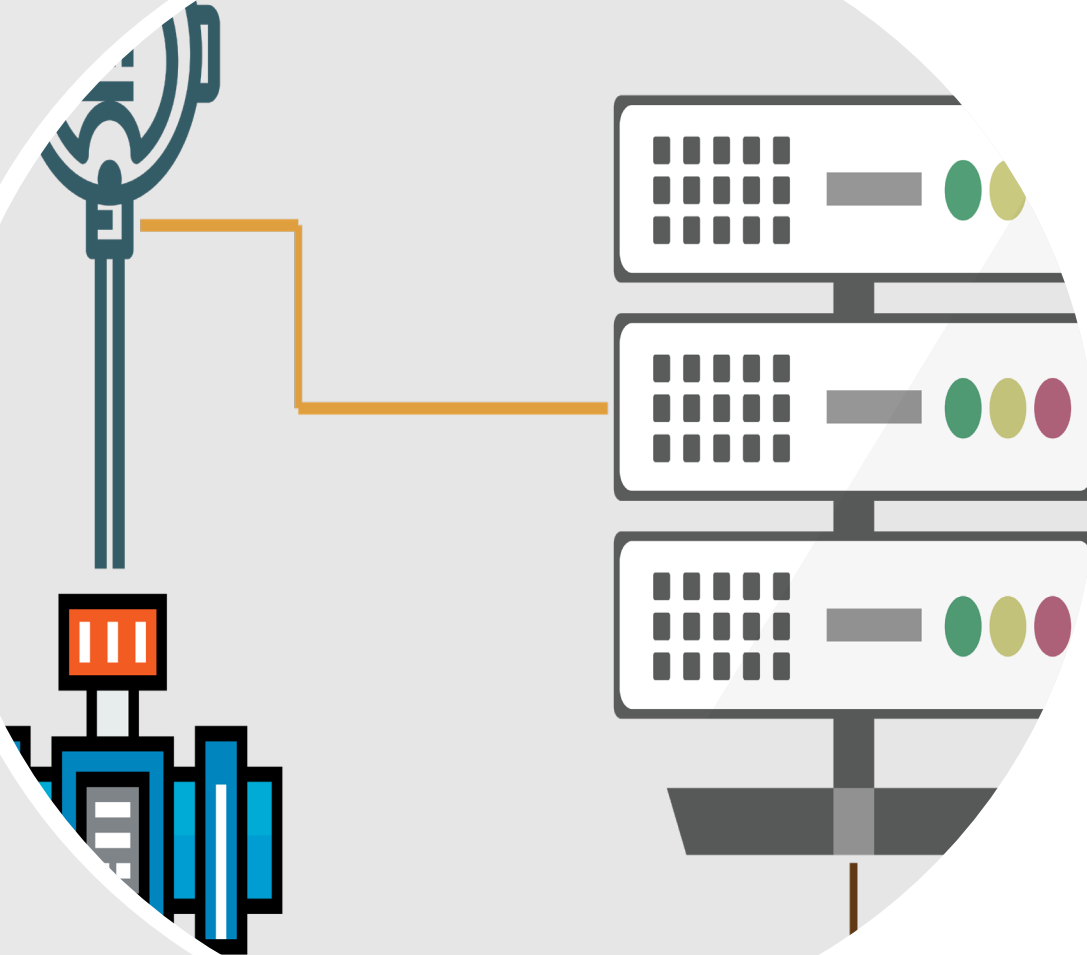




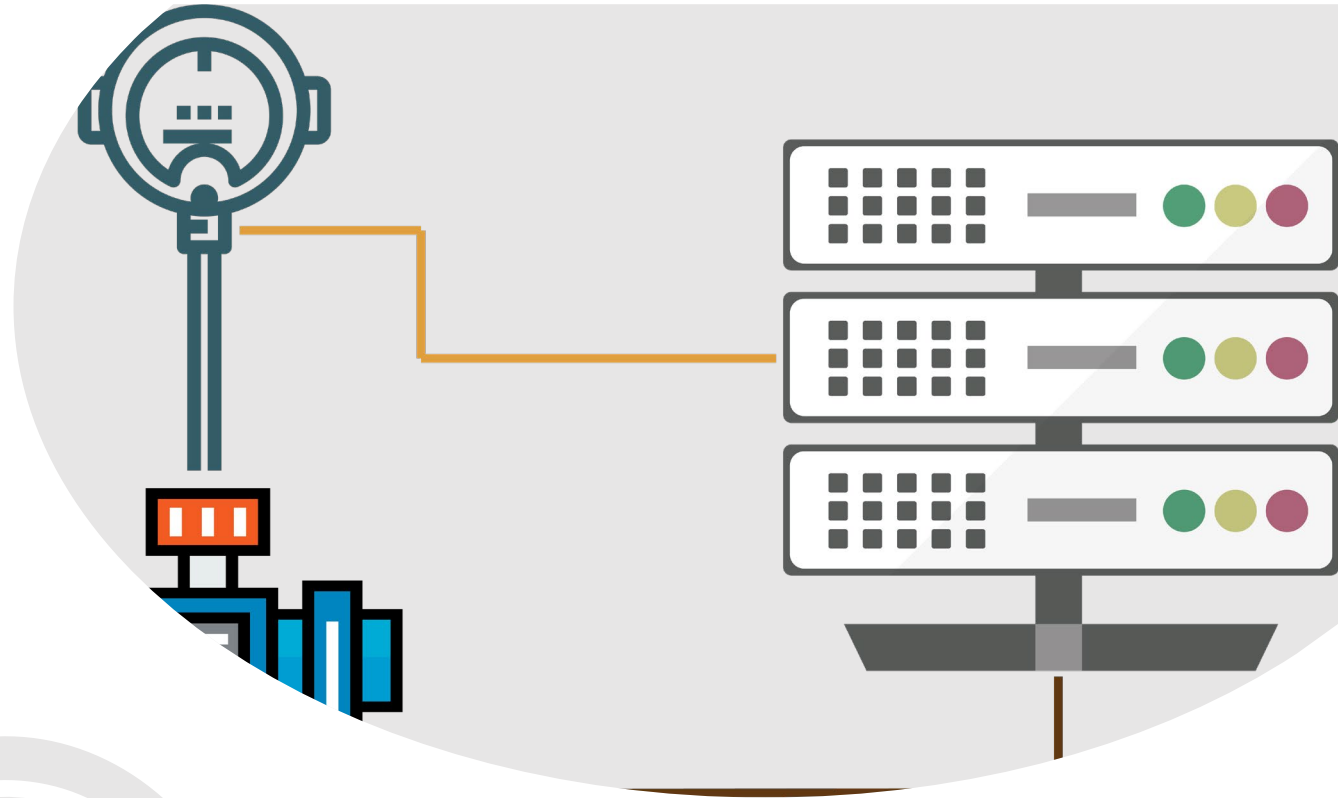
TECNICAS REUNIDAS

# LOOP WORKFLOW



# AGENDA

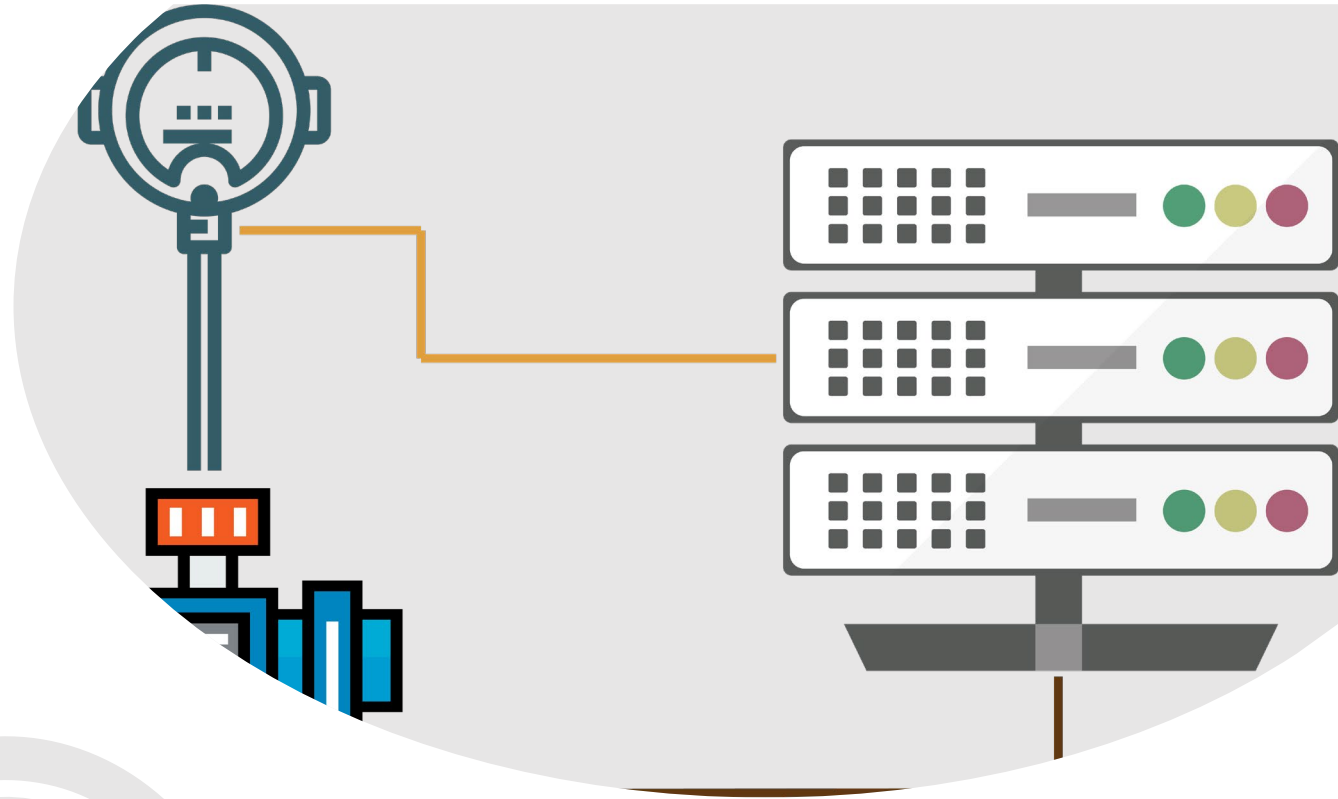
1. Meeting Goal.
2. Loop Folder workflow.
3. Work Front.
4. Loop Process Digitalization.
5. Personas.
6. Case Scenario.



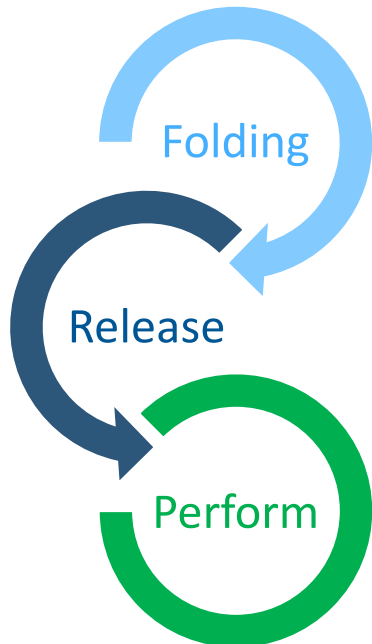
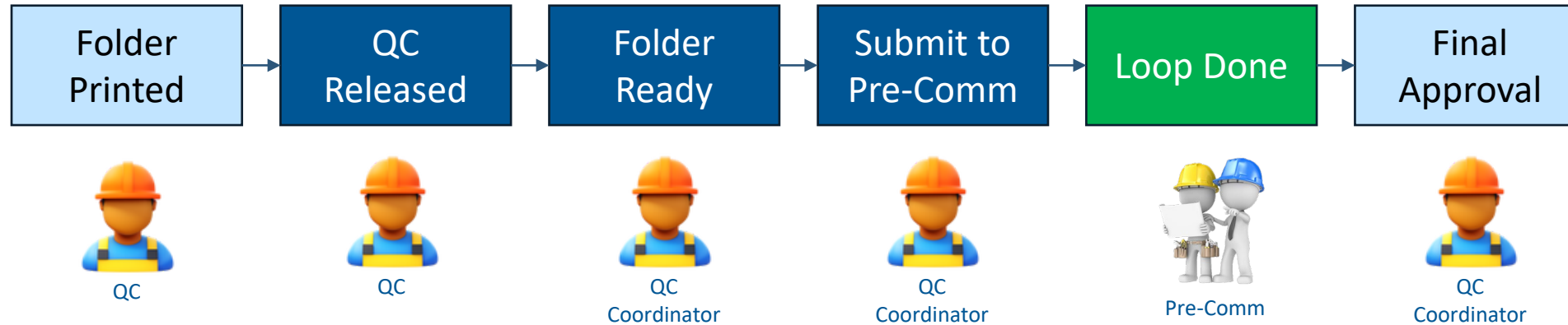
# PRESENTATION GOAL

Establish a commitment workflow process and dedicated key positions.

# LOOP WORKFLOW

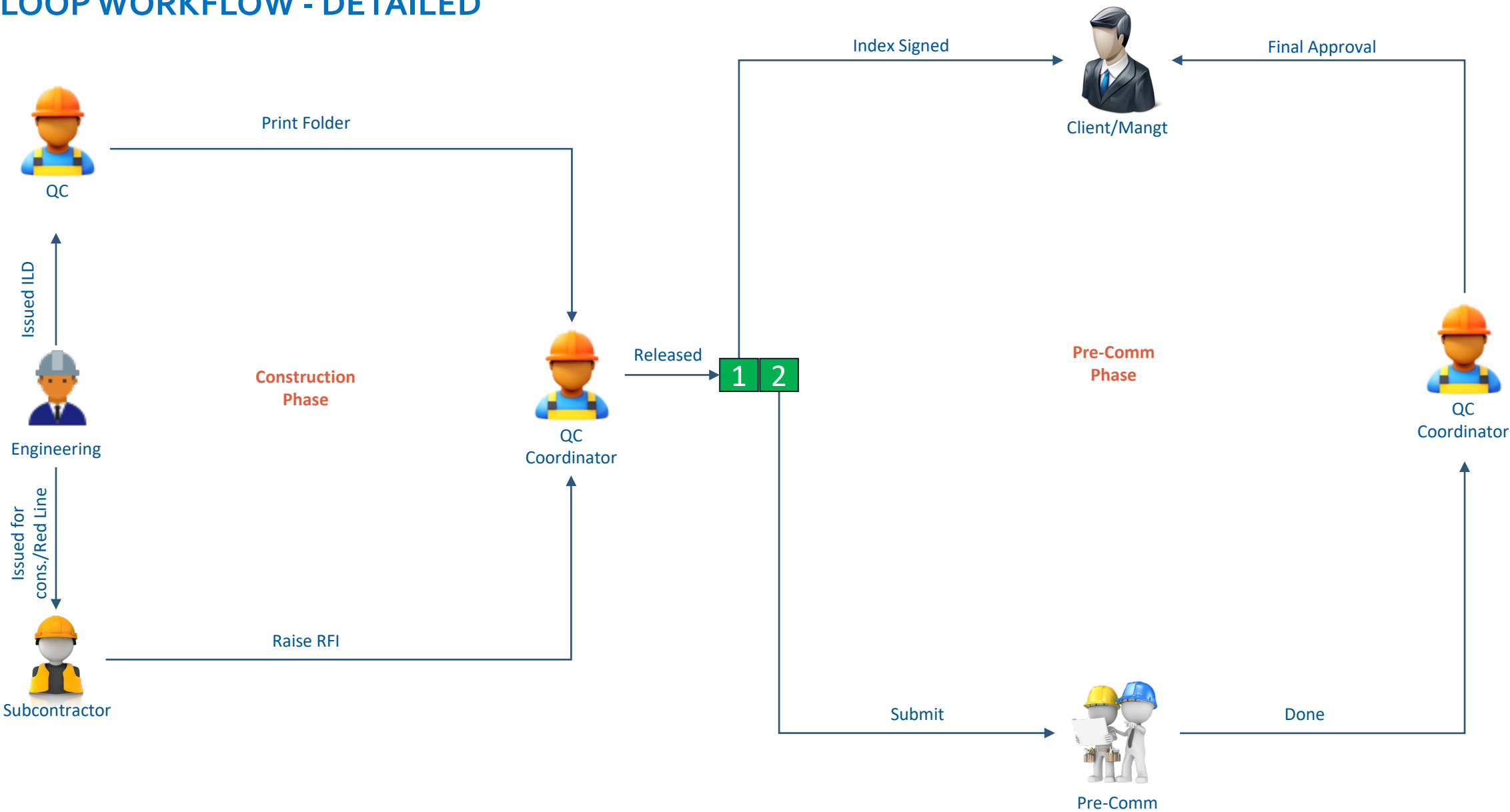


## LOOP WORKFLOW - OVERVIEW

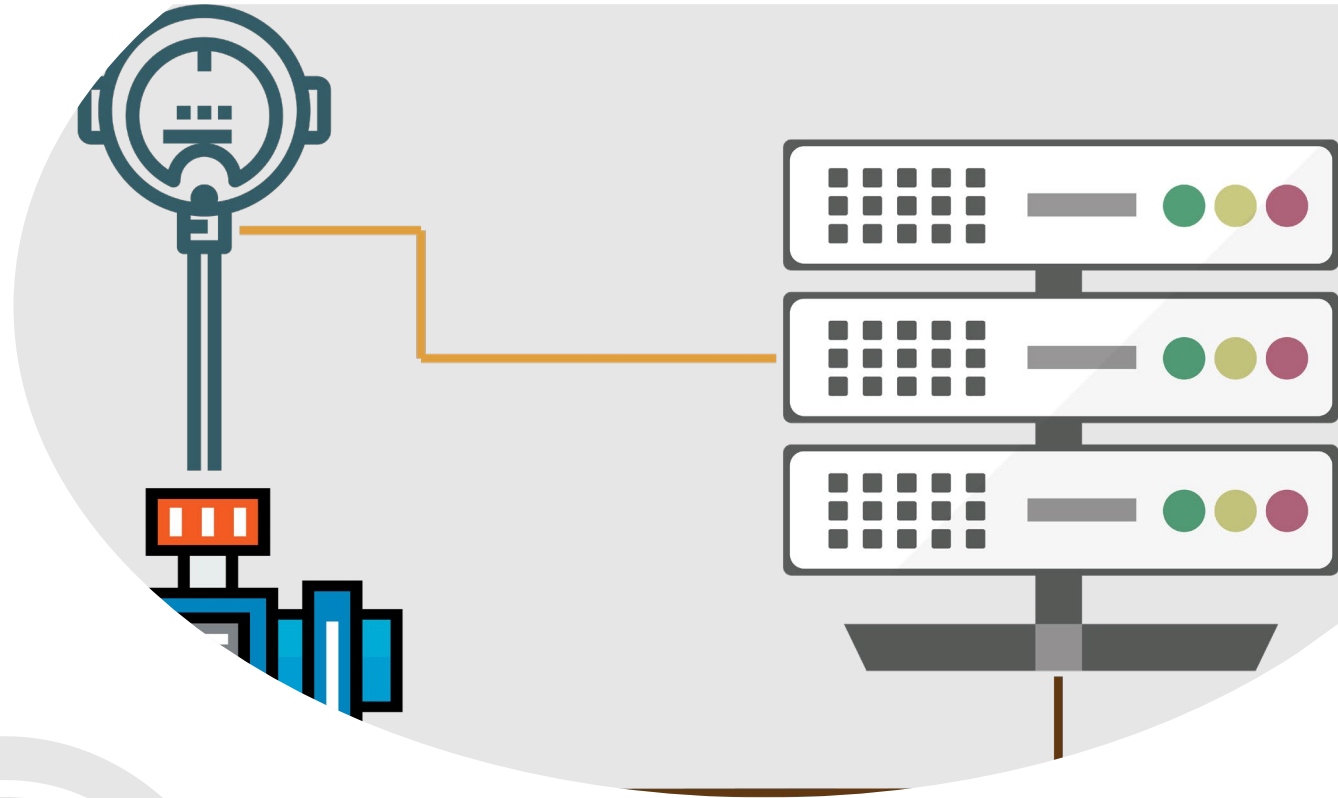


- **Folder Printed**: ILD, Required RFI to be released for items related to the loop as per TR QC, P&ID and index sheet are printed and dossier in a folder.
- **QC Released**: TR QC has verified and released all RFI required for one loop folder.
- **Folder Ready**: Index sheet has been signed by Management, Client and (Mechanical Vendor if applicable).
- **Submit to Pre-comm**: Folder handed over to Pre-Comm Team.
- **Loop Done**: Loop successfully performed.
- **Final Approval**: Client Approved the folder, folder to be archived and responsibility goes to client.

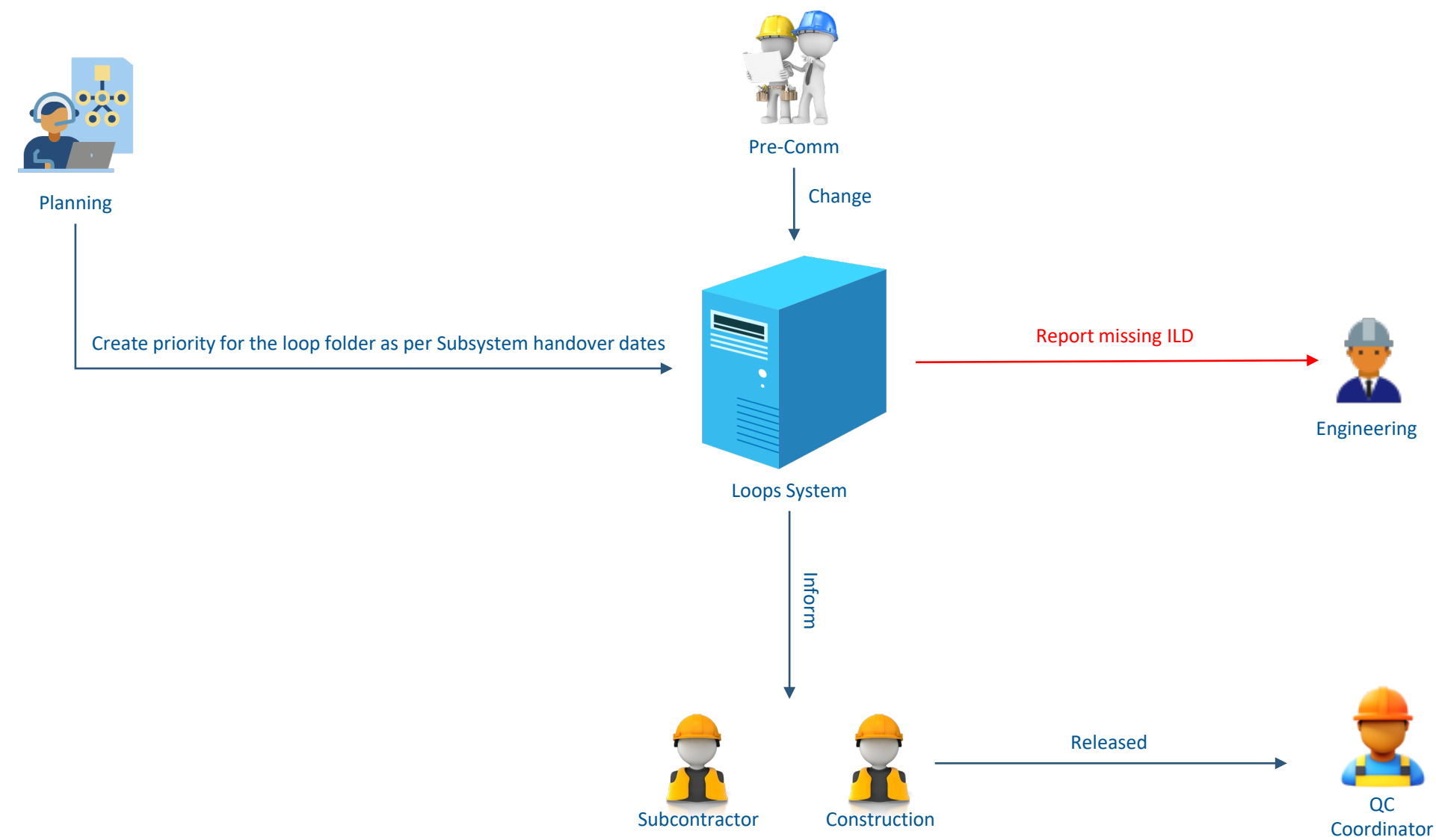
# LOOP WORKFLOW - DETAILED



# WORK FRONT

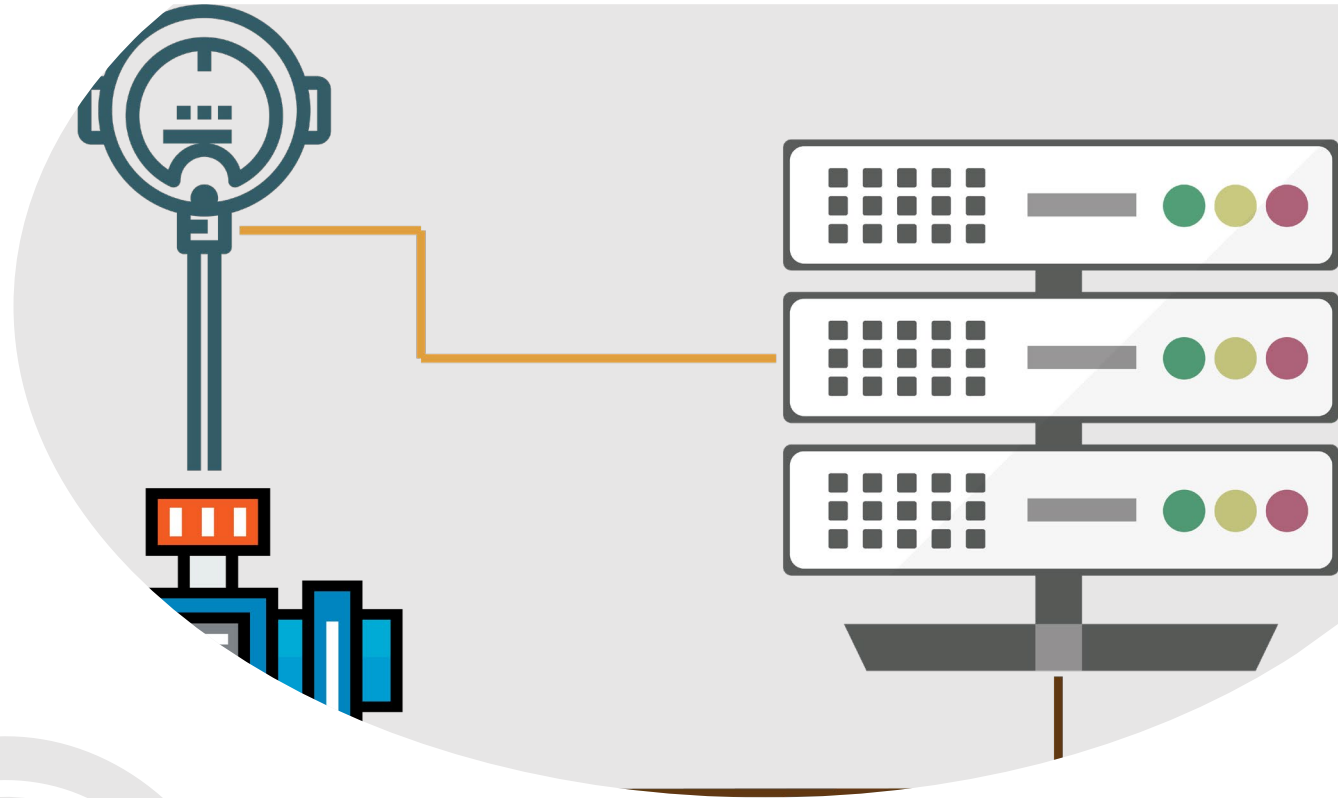


# LOOP PERFORMED WORK FRONT



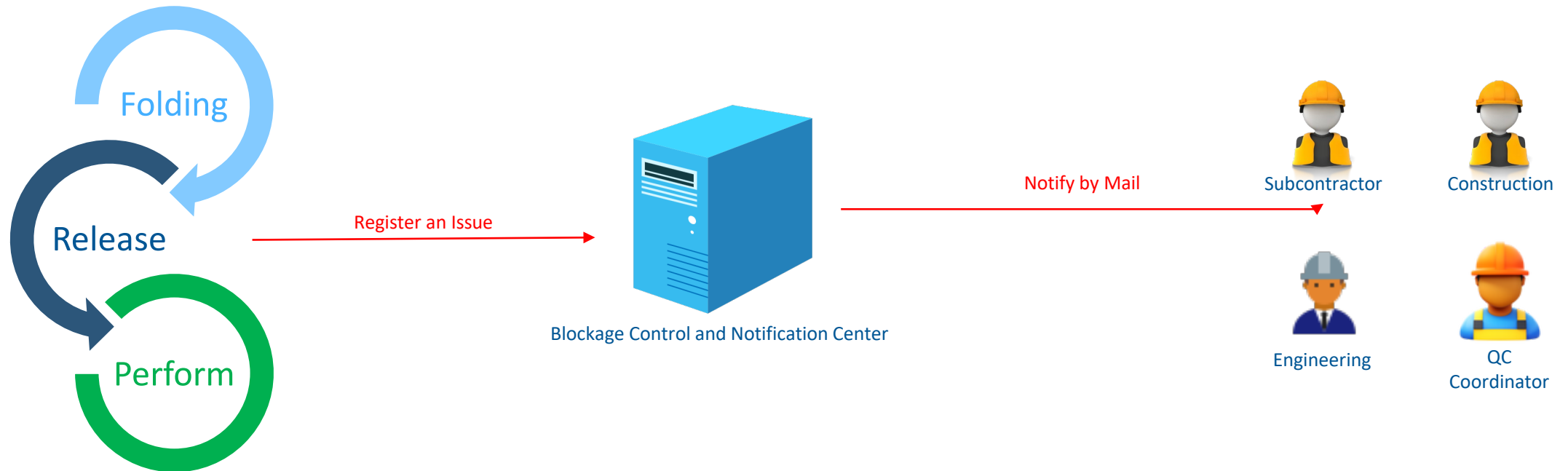


# BLOCKAGE CONTROL

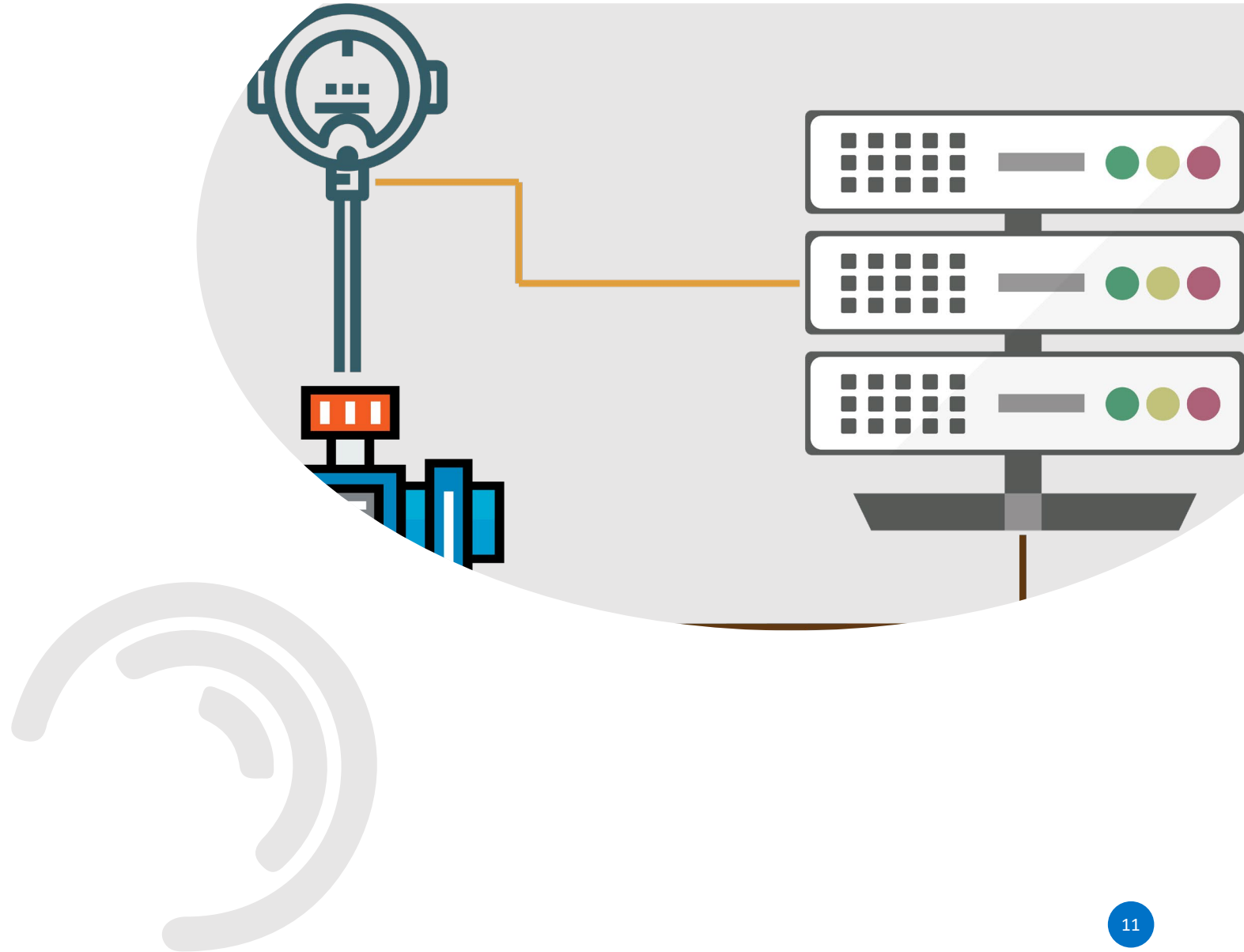


## BLOCKAGE MANAGEMENT

Blockage management allow participant to register any constraint for the loop with integration with Notification center, so it is automatically notifying the responsible with the issue. And gives transparency to all why this loop is not performed. Not only tracking but also gives the team a lesson learn for upcoming same loop in a different area to avoid the same blockage in advanced.



# PERSONAS

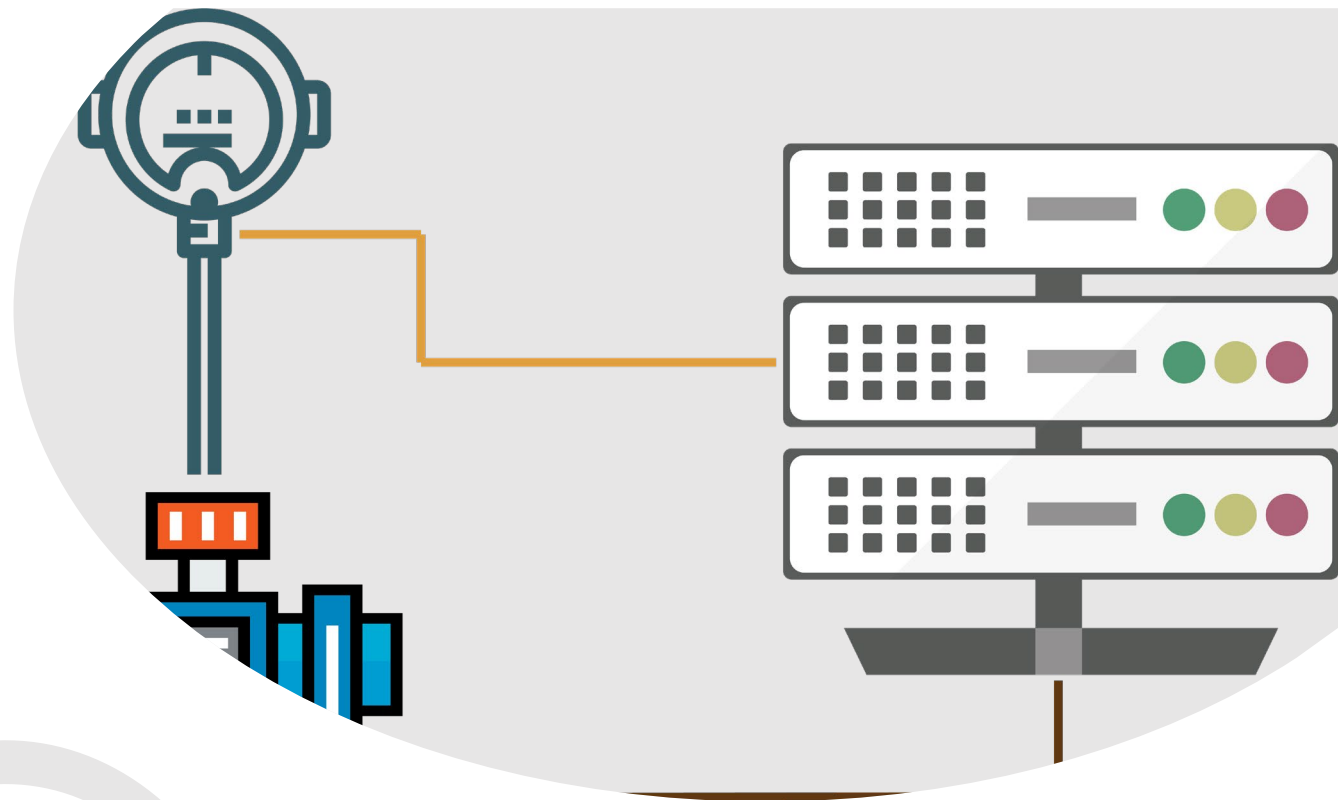


## Loop workflow Key person

1. **Folder Printed:** QC.
2. **Folder Released:** TR QC Team.
3. **Folder Ready:** QC Coordinator.
4. **Loop Done:** Pre commissioning team.
5. **Final Approved:** QC Coordinator.



# LOOP WAR ROOM



## Loop War Room

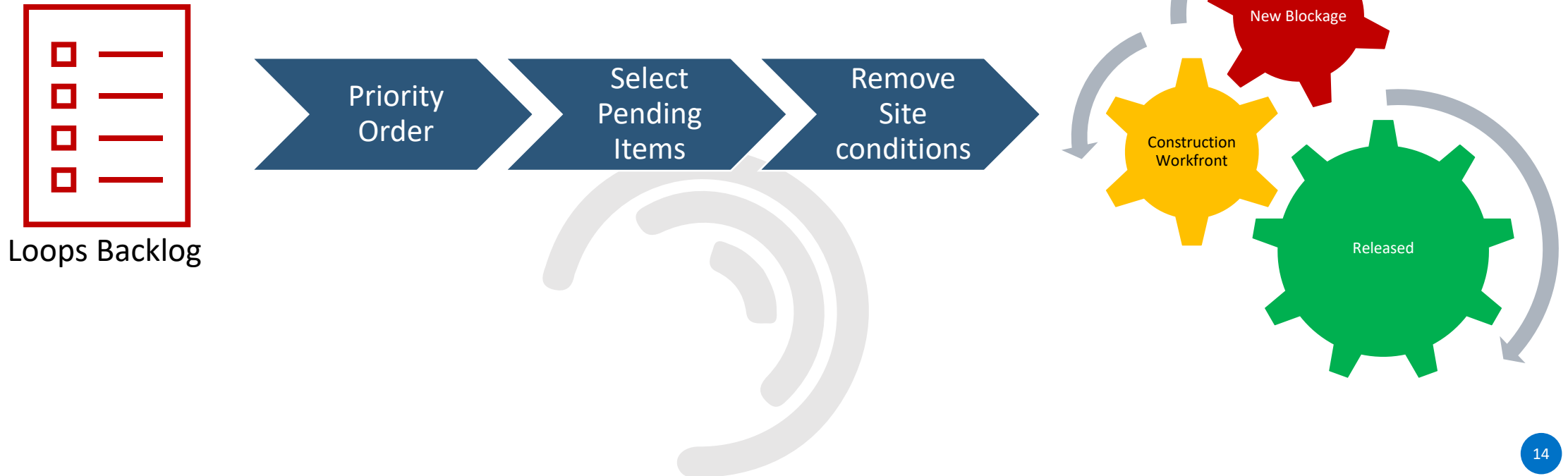
It is an event that kicks off the Loop performed. The purpose of **War Room** is to define what can be performed in the next week and how that work will be achieved.

**War Room** is done in collaboration with the whole Key Persons.

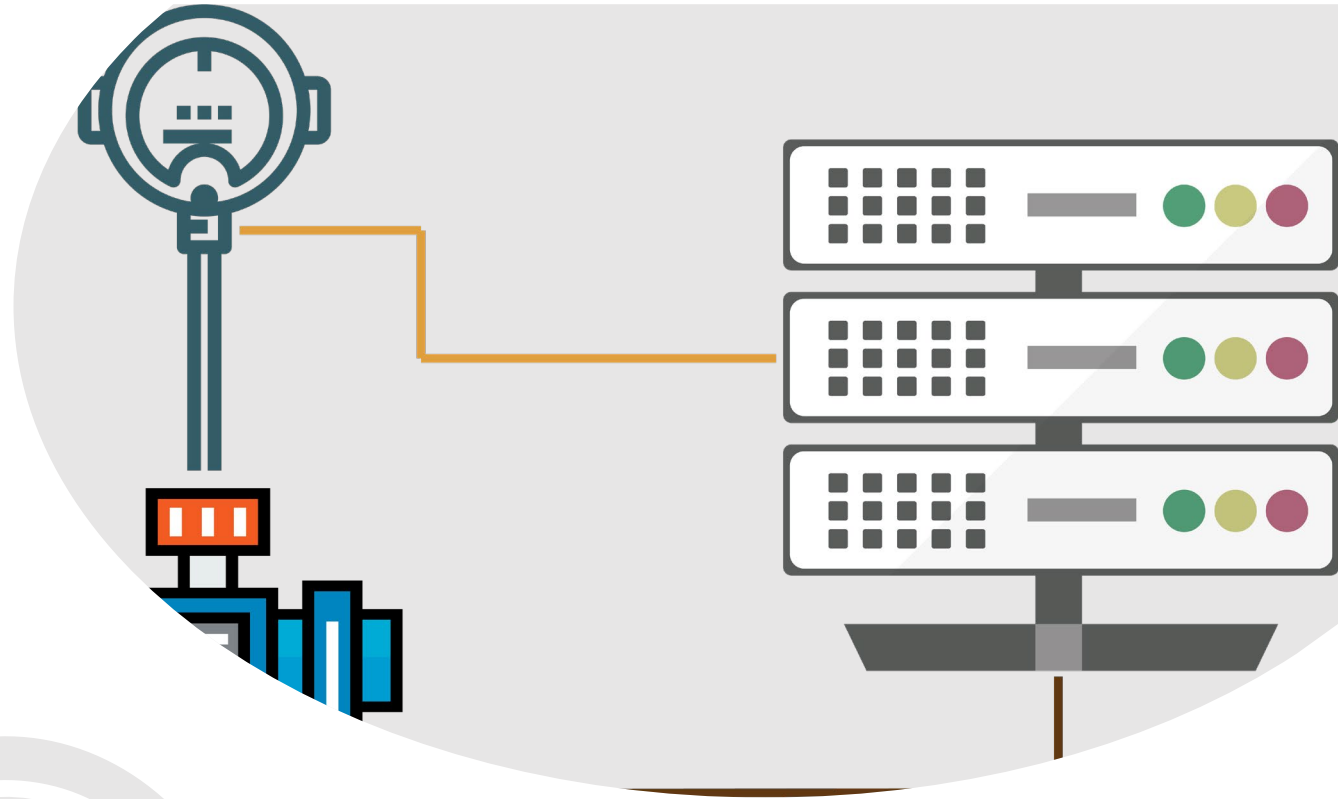
### How is it done?

During the War Room meeting, the Pre commissioning Owner describes the highest priority Loops to be performed. After pending items related to those loops are defined using (EICA Loop Map).

Then, War Room works in one of two general ways: by considering a team's historical velocity or by considering a team's capacity. Also, Blockages and constraint is to be discussed if it has not been resolved for more than 2 weeks.



# LOOP PROCESS DIGITALIZATION



## Loop workflow digitalization

**Goal:** Perform successfully loop checks fast and smooth.

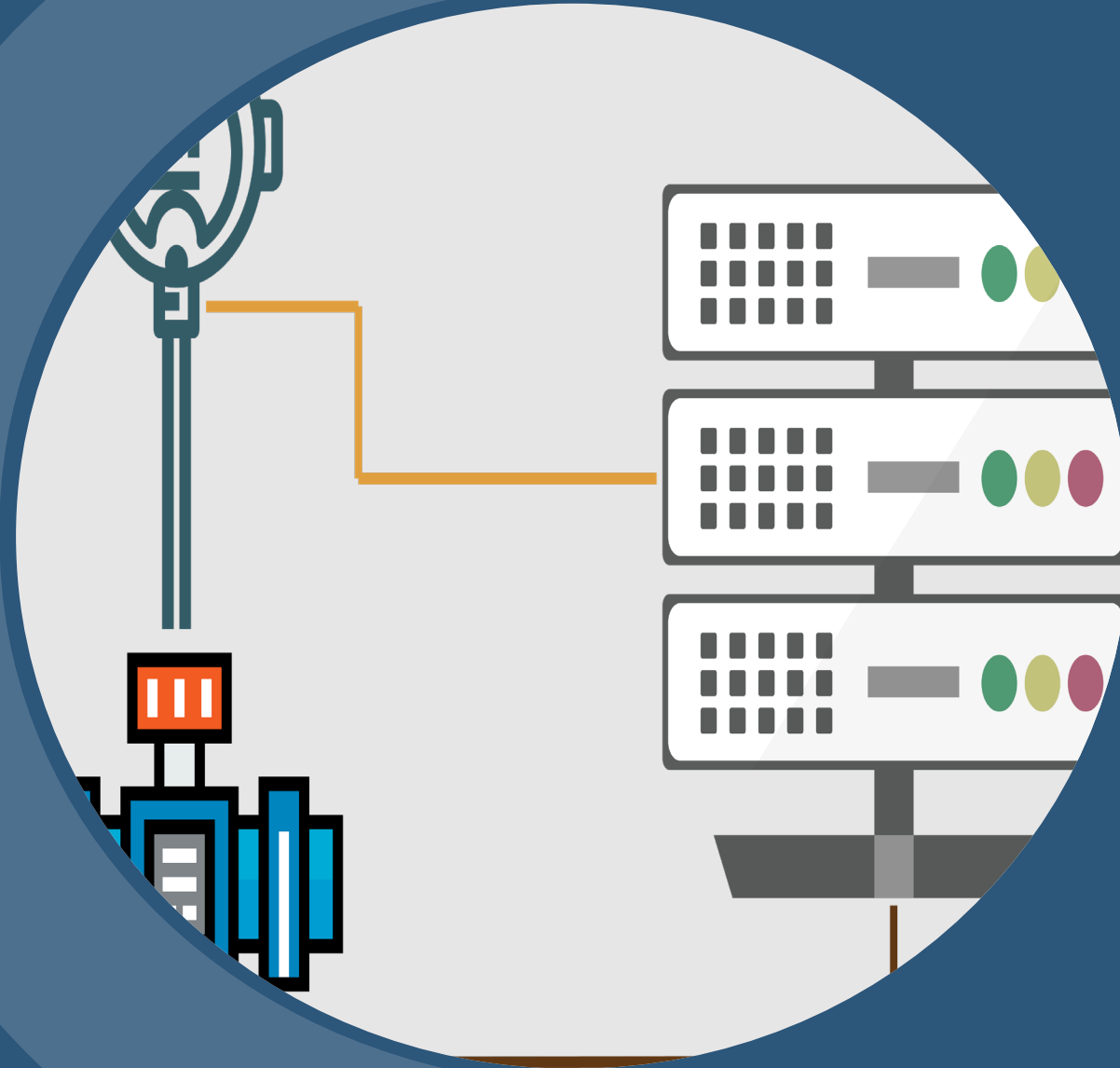
**Mission:** Collaboration over Negotiation.

### Features:

1. Single source of truth for all required information.
2. Register Loop workflow steps.
3. Blockage management system.
4. Notification Center.
5. QR code and cloudification.
6. Easy Workfront.
7. Integration with Production Control App.







# THANK YOU!

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