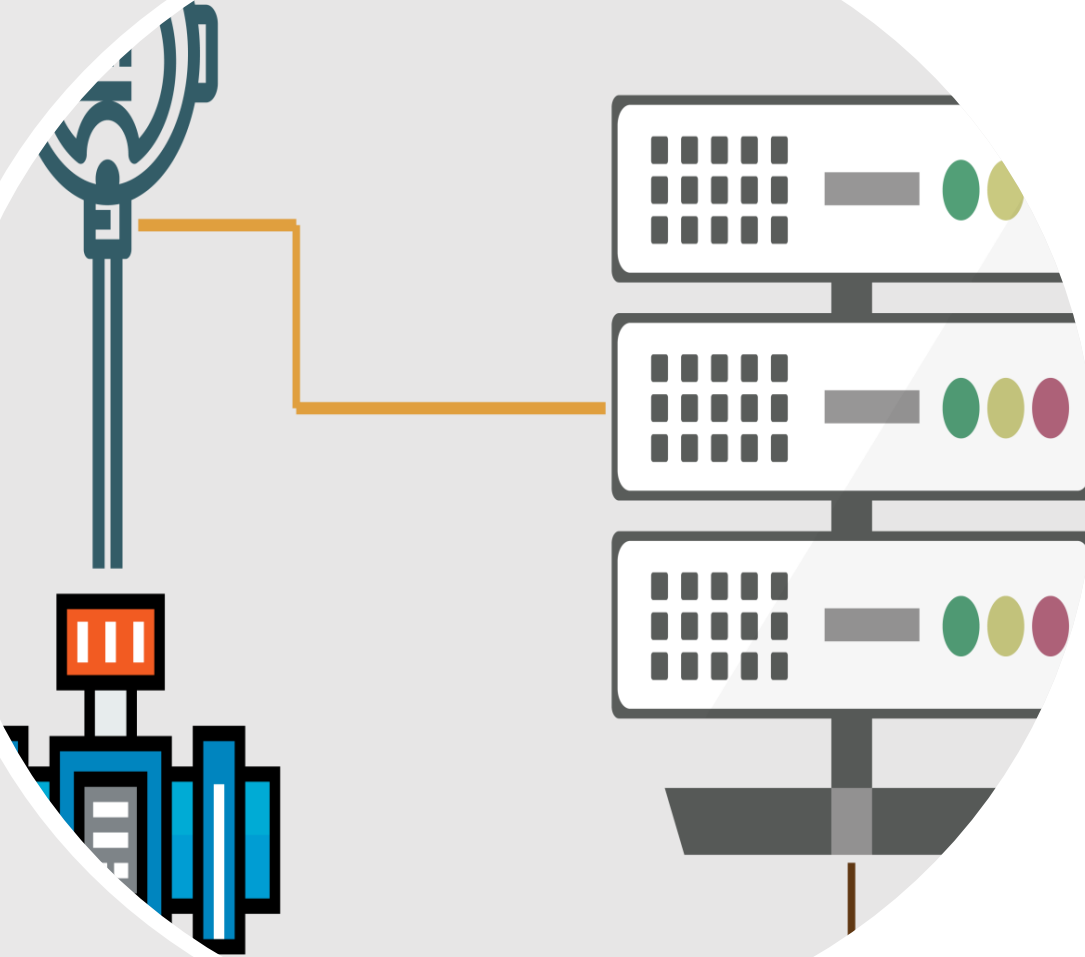




TECNICAS REUNIDAS

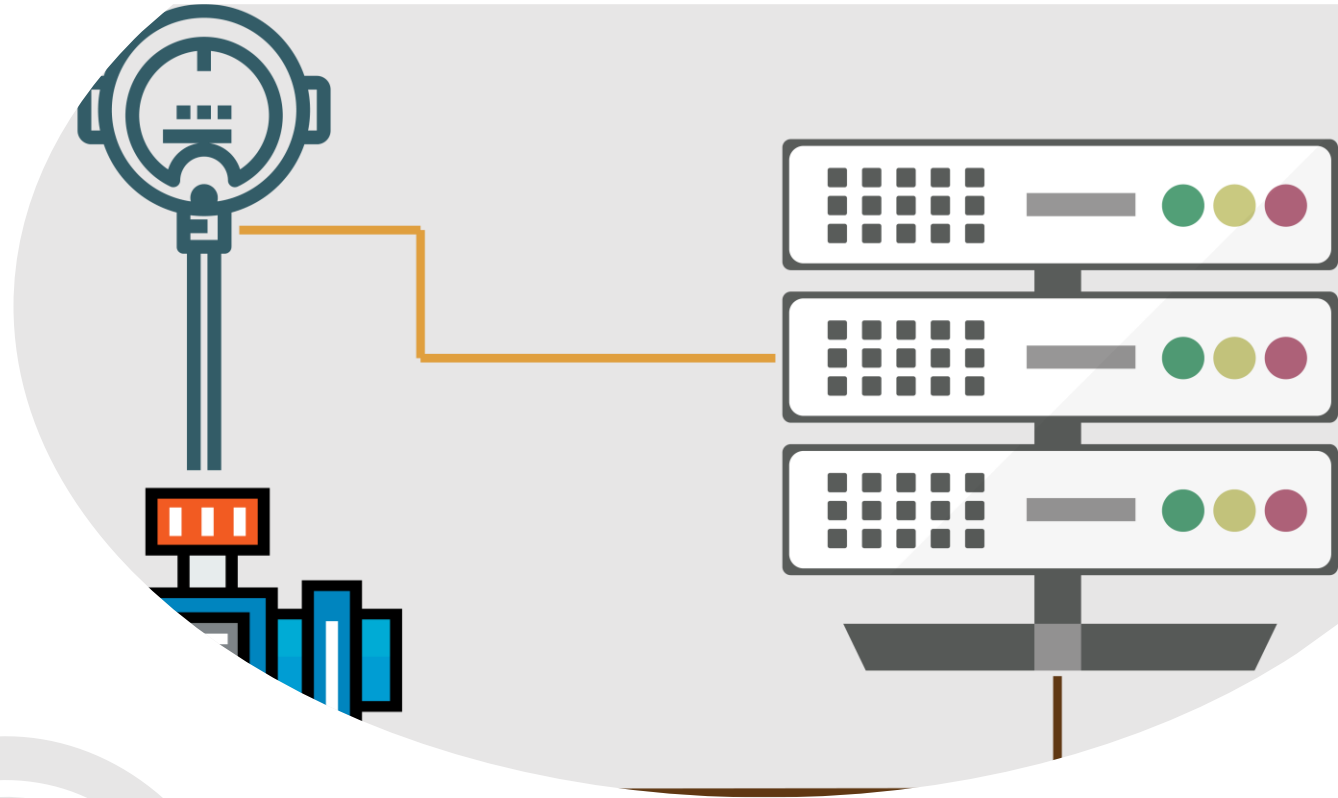
# LOOP APP

PRESENTATION

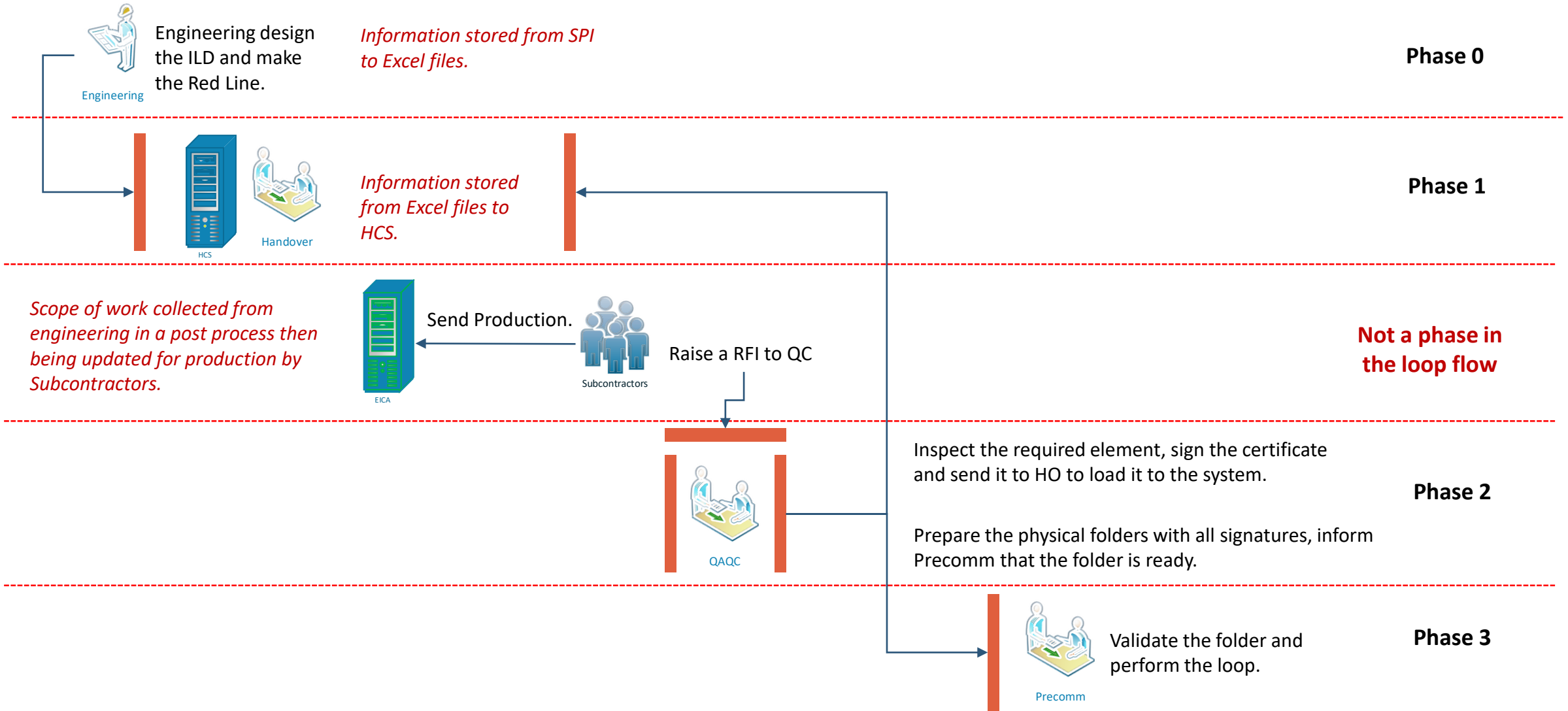


# AGENDA

1. Current Loop Folder workflow.
2. Disadvantages of current process.
3. Motivation Plan.
4. Advantages.
5. Case Scenario.
6. Business Process.



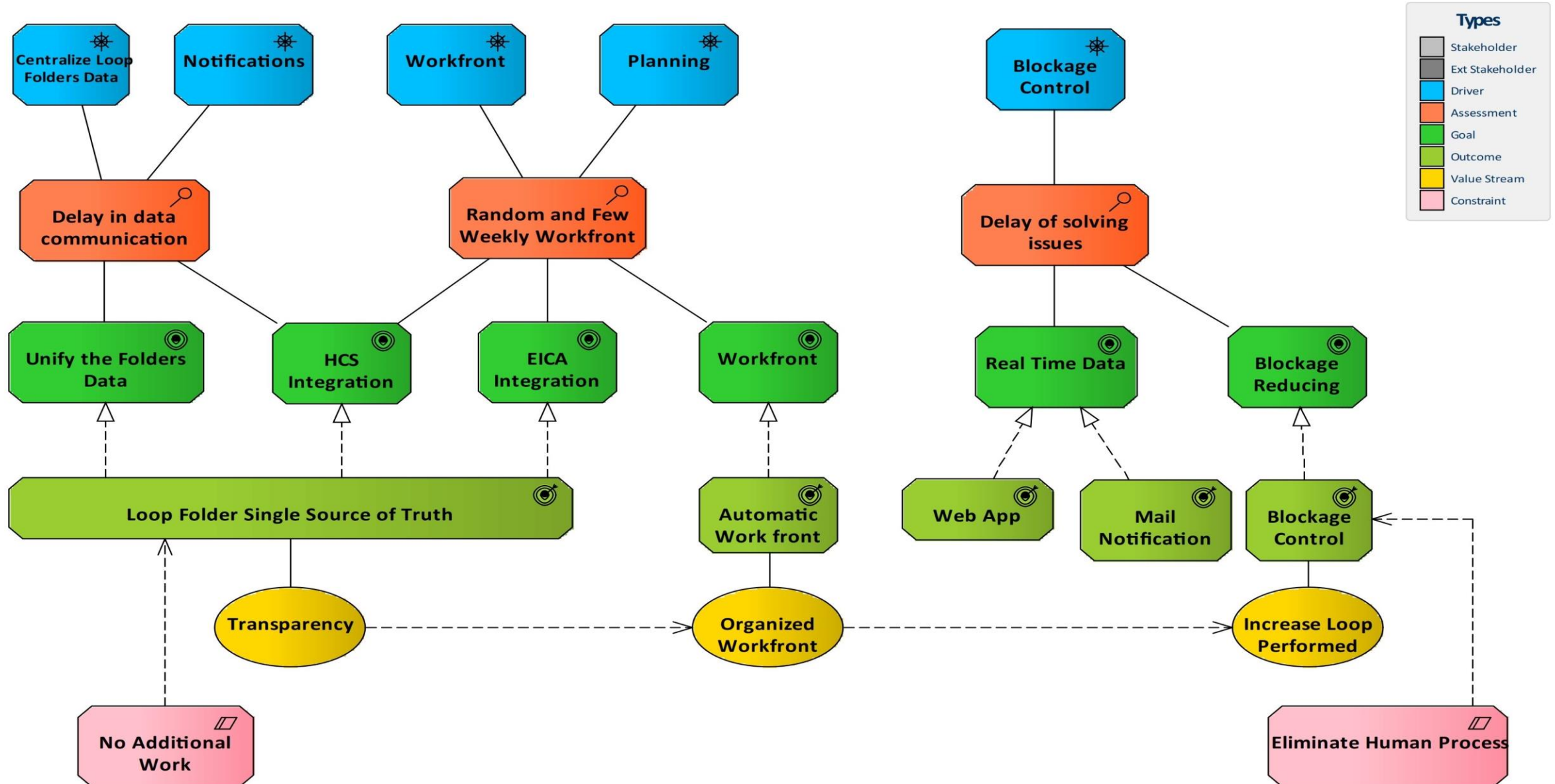
# 1- LOOP WORKFLOW (CURRENT) WITH APPLICATION LAYER



## 2- DISADVANTAGES OF CURRENT PROCESS.

1. **Collaborated data** is pulled instead of pushed which **takes time to send and retrieve the mails.**
2. **Engineering site instructions or Red lines are not transparent** to all the Loop flow key persons.
3. Items Certificates in **HCS are not transparent to construction team** at any time but only when there a missing RFI has to be done.
4. **No blockage good of control**, but only in the War room meeting when QC/Precomm declare they have a blockage.
5. **No single source of truth for the loop folders**, but it is divided into engineering loop diagram, lists, site instructions mails, HCS and QC system.
6. Preparing the RFI for the loop folders is randomly as per the raising from subcontractors, so generating **work front is randomly** in return.

### 3- MOTIVATION PLAN



## 4- ADVANTAGES

1. **Real Time State.** Any change on Loop folder/Item is visible on the same time to all the users.
2. **Before Engineering make Red Line** he can check the status for the elements related to the loop.
3. **Construction Team and Subcontractor** know exactly what RFI has to be done in advanced.
4. **No wait for any meeting to declare a blockage.** The declaration goes immediately to responsible.
5. **QC will find all the information in one place.** (No mails No Excel files)
6. **QC does not have to send any mail to Pre-comm** requesting carry the folder on, once they approve in the system notification will go immediately to pre-comm team.
7. **HCS does not have to inform any one by mail about the status for the elements or groups.** The system is integrated with HCS and will do the job automatically.
8. **Reverse Engineering** can be used to generate a bulk loop folders work front In advanced.
9. **Construction can view and update items** in one click (With respect of production cutoff date).
10. **Collaboration** over Mail and Meetings Negotiation.

### Reverse Engineering

Instant of reaching the point that Pre-comm has no work front due to a separate items released by construction we can focus earlier to generate work front.

1- planning assign priority to loop folders.

2- ILD is loaded to the system.

3- in return Loops priority is assigned to items.

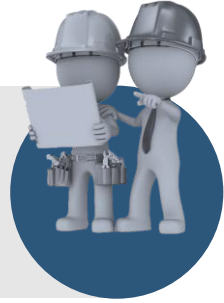
4- Subcontractors can be guided to focus in this priority and there is a blockage it can be tracked and resolved in advanced.

By doing so we will be sure when Precomm has started it has a bulk of work front to perform.



# 5- CASE SCENARIO - QAQC

## QAQC BEFORE



- Request Items Certificates from HCS **by Mail**.
- Tasks finished are **not organized**.
- Prepare the folder and notify Precomm **by Mail**.
- **No Clear work-front.**
- **Items production is not visible** to QAQC.
- **If Block Then Stop.**

- Items Certificates **transparent** to QAQC.
- **Track what is pending per each loop.**
- When release any folder **an automatic mail** being send to all key person.
- **Working on schedule** from the beginning.
- **Production is transparent** to QAQC.
- **If Block Then assign a responsible.**
- **Real Time Data.**



## QAQC AFTER

# 5- CASE SCENARIO - PRECOMM

## PRECOMM BEFORE



- **Few Random work-front** generated in weekly basis.
- **Folder status is not visible** until it becomes with Precomm.
- **If Block Then Stop.**
- Communications done **By Mail.**
- Store the information in **Excel files.**

- A good amount of work-front have been generated in advanced.
- Folder can be tracked at any stage.
- Eliminate mail by **one single app.**
- If Block Then **Assign responsible.**
- **Single source of Truth for the loops.**

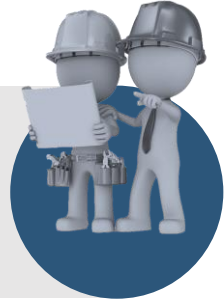


## PRECOMM AFTER



# 5- CASE SCENARIO - SUBCONTRACTOR

## SUBCONTRACTOR BEFORE



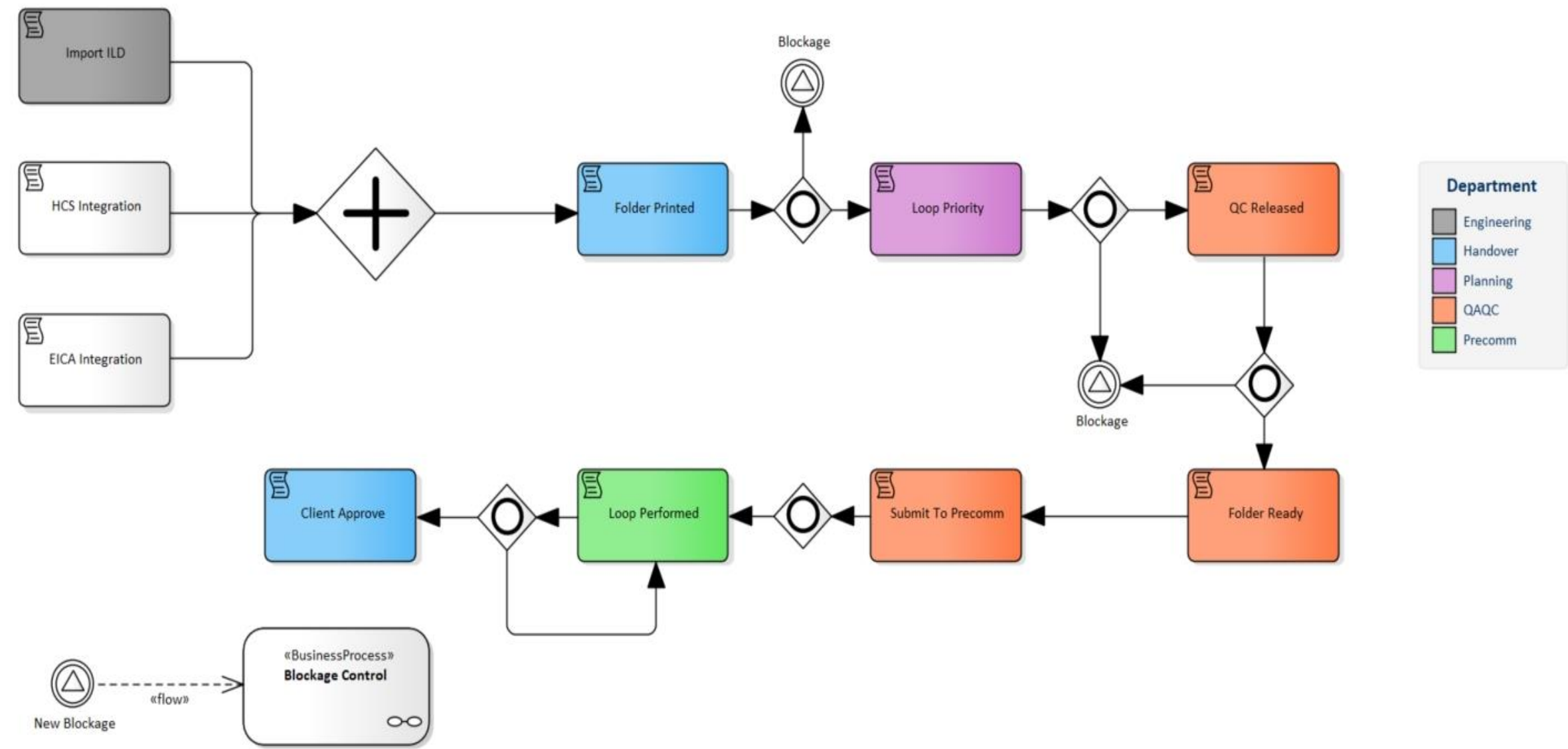
- Production at site not as per loop's priority.
- Receiving blockage to be resolved in weekly basis.
- Tasks are not visible.
- Blockage for subcontractor are not visible to the team.

- Allow subcontractor to Collaborate as one big team.
- Receiving blockage in real time.
- Tasks are visible.
- Can create blockage and assign responsible.



## SUBCONTRACTOR AFTER

# 6- BUSINESS PROCESS





# THANK YOU!

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