

# Mecano - 5 - Operational

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## Procedures

Here is a suggested operation book template:

<https://docs.google.com/document/d/1xf3wWoQBgHKQtefaWi04Hx545rPB8HzQ>

*Procedure guide on how to operate the application*

## DataPrep Flow

### Start

Incremental process

*How to start from predeployed & running app: verify that all tables and views have been created then execute the plan.*

### Termination

*How to assess the application's process has terminated: completion of the flow in the TMC*

### Restart

*Is the process the same ? YES*

*Also for restarting after an error ? If there has been an error in the job you should first delete data from the FACT tables.*

### Pause

Procedure

*How ? Stop the flow in the TMC*

Alert contacts

Who should be alerted ? Contacts are defined in [this page](#)

## Stop

### Procedure

How ? Stop the flow in the TMC

### Alert contacts

Who should be alerted ? Contacts are defined in [this page](#)

## Reset

How ?

## Scheduling

### Trigger

What is the start trigger ? Event based ? Time based ?

Are there differences between DataPrep and DataApp ?

### Expected results

For each brick, what is the expected output ?

### Intervention

When is the time frame to intervene ? (when downtime is acceptable or scheduled)

## Monitoring

### Runtime

Where and how can we see the application status (Stopped, waiting, running, etc) ?

### Run history

Where are the run actions historic ?

What form does it take ? Logs ?

### Resources

Memory / Disk / CPU used by application

### Additional metrics

According to operational requirements, detail application metrics (Processed Volume, Process duration, ...)

## Logging

*Where to find each step logs ?*

## Error handling

*As a general guideline, application should stop as soon as possible.*

## Alerts

- *Contacts*
- *Meaningful message (timestamps, description, criticality)*

## Specificity

*Detail procedure for specific error cases*