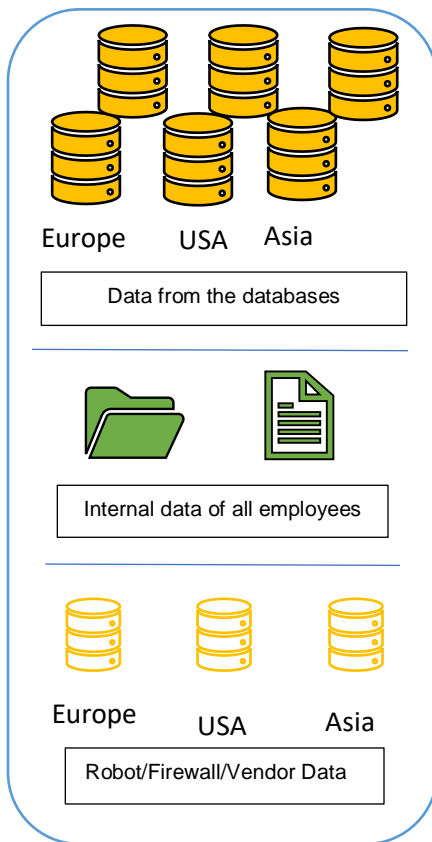


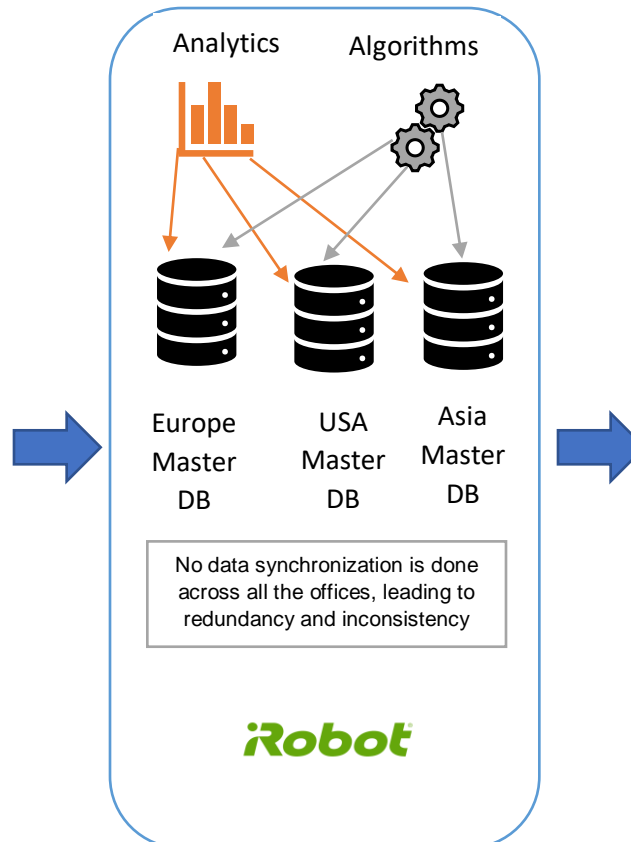
PROJECT 1- iRobot's DATA MANUAL

CURRENT VISION DIAGRAM

DATA CAPTURE (INPUT)



DATA INGESTION (PROCESS)



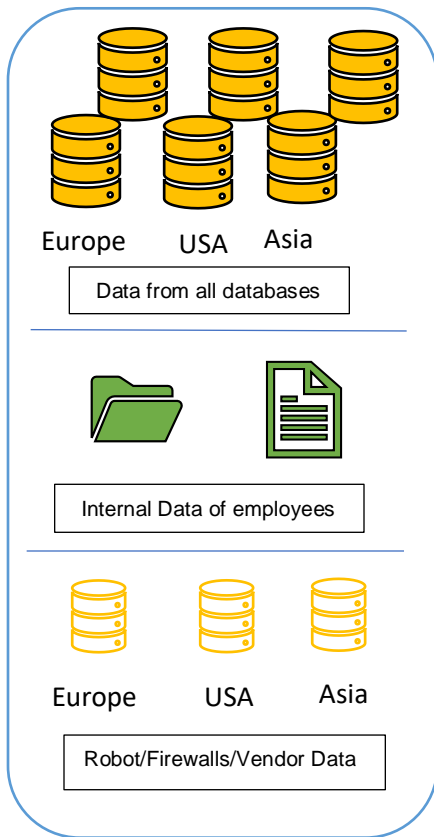
DATA DESTINATION (OUTPUT)



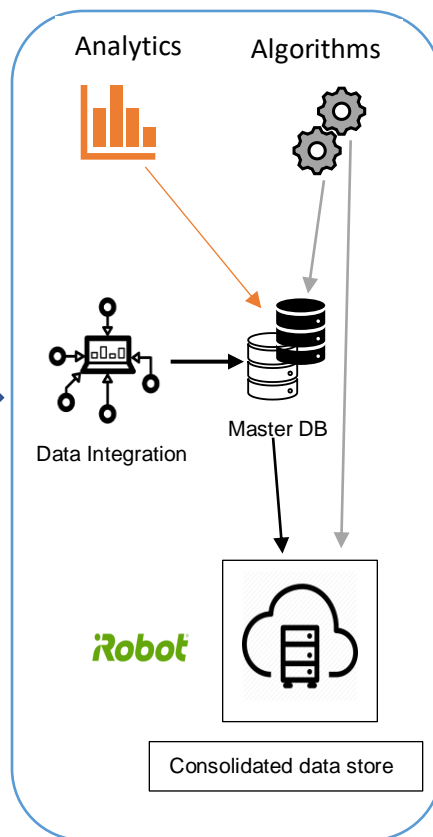
PROJECT 1- iRobot's DATA MANUAL

FUTURE VISION DIAGRAM

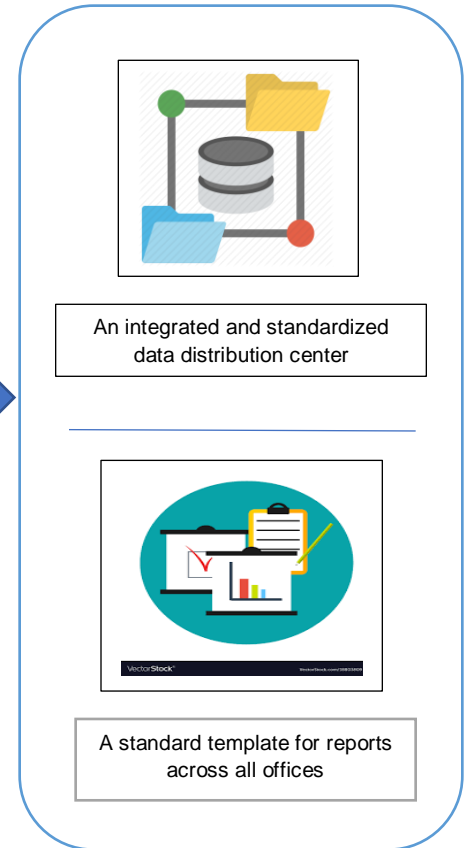
DATA CAPTURE (INPUT)



DATA INGESTION (PROCESS)



DATA DESTINATION (OUTPUT)



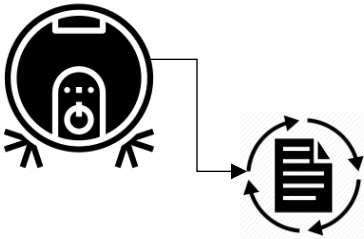
PROJECT 2- ANALYTICS USING VIRTUAL WALL DATA

CURRENT VISION DIAGRAM

DATA CAPTURE (INPUT)



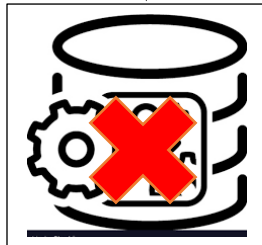
Company invests and allocates resources for providing virtual wall free with a robot



DATA INGESTION (PROCESS)



The data generated by the wall is collected on the cloud via IOT

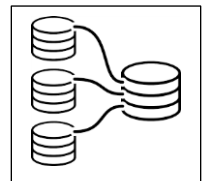


Data is collected in huge amounts, but is neither processed nor filtered

DATA DESTINATION (OUTPUT)



Because the data is left unused, no reports or analysis is generated on it.

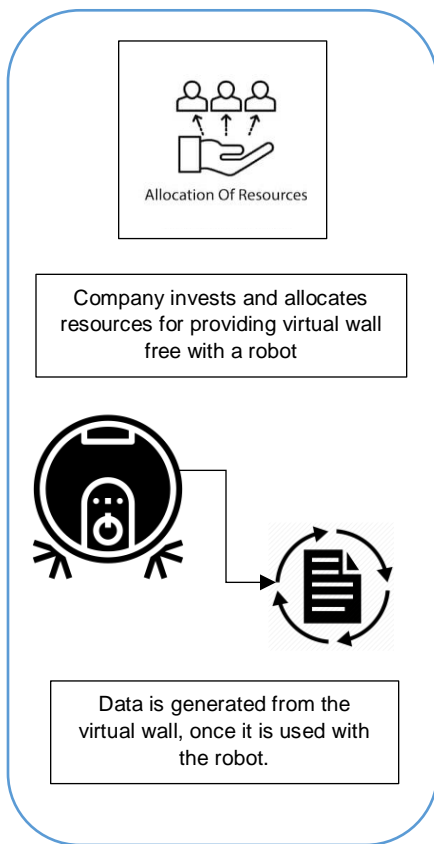


The data is left unfiltered and unprocessed resulting in inconsistencies and data loss with creation of data silos

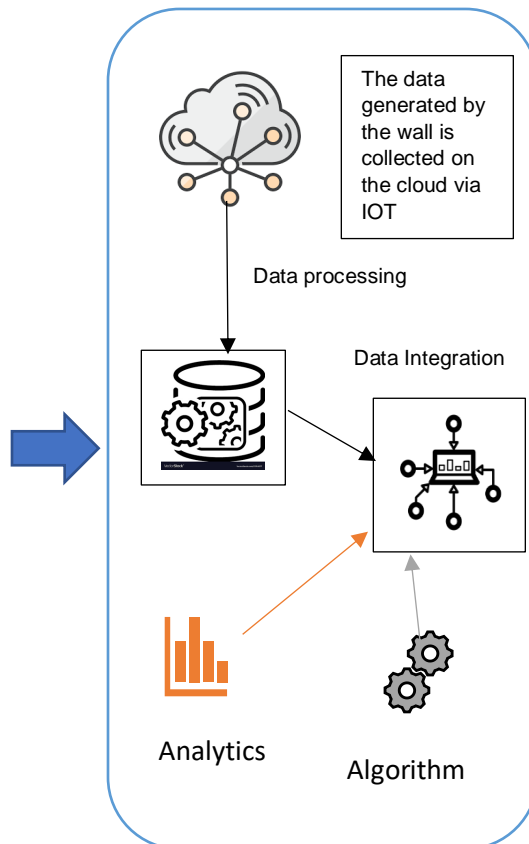
PROJECT2- ANALYTICS USING VIRTUAL WALL DATA

FUTURE VISION DIAGRAM

DATA CAPTURE (INPUT)



DATA INGESTION (PROCESS)



DATA DESTINATION (OUTPUT)

