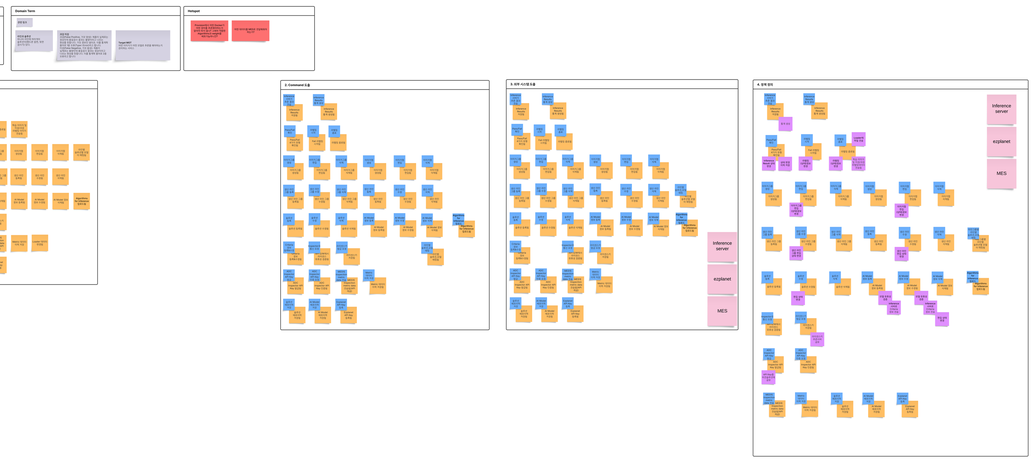
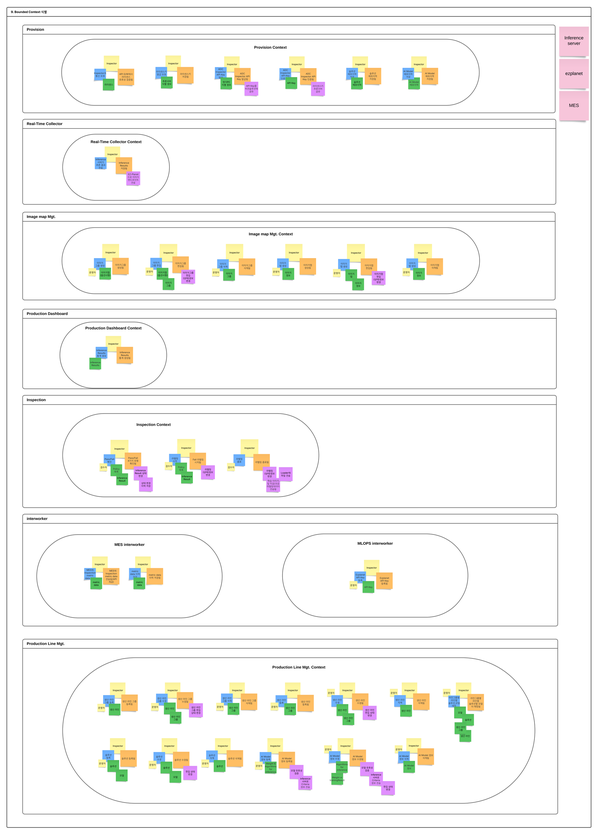
ADC System

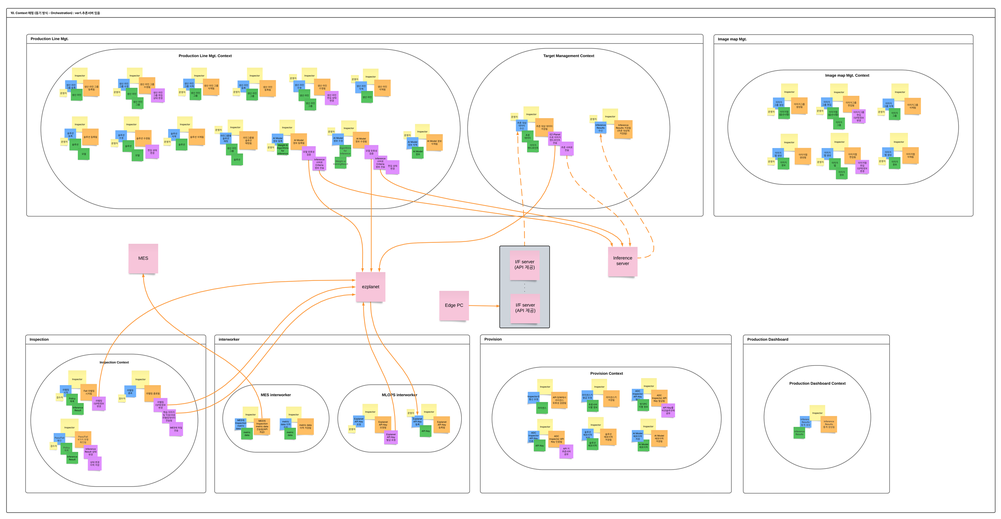
Sticker Type
Domain Event
Command
Aggregate
Policy
Actor
Read Model
External System
Hotspot

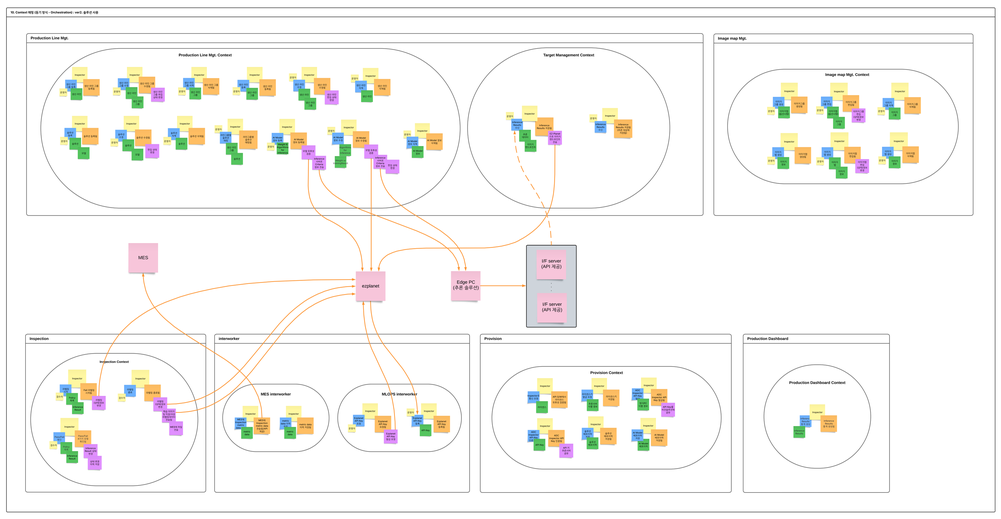

inference server
explanet
MES

inference server
explanet
MES

inference server
explanet
MES


inference server
explanet
MES


Production Line Mgt.
Production Line Mgt. Context
Target Management Context
Image map Mgt.
Image map Mgt. Context
MES
explanet
Edge PC
IF server (API 게신)
IF server (API 게신)
Inference server
Inspection
Inspection Context
Interworker
MES Interworker
MLOPS Interworker
Provision
Provision Context
Production Dashboard
Production Dashboard Context


Production Line Mgt.
Production Line Mgt. Context
Target Management Context
Image map Mgt.
Image map Mgt. Context
MES
explanet
Edge PC (라온 솔루션)
IF server (API 게신)
IF server (API 게신)
Inspection
Inspection Context
Interworker
MES Interworker
MLOPS Interworker
Provision
Provision Context
Production Dashboard
Production Dashboard Context

Production Dashboard
DATA

Real time Collector
DATA

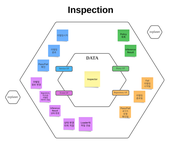
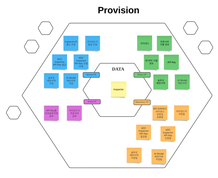
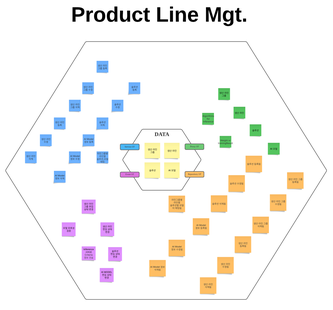

Inspection
DATA

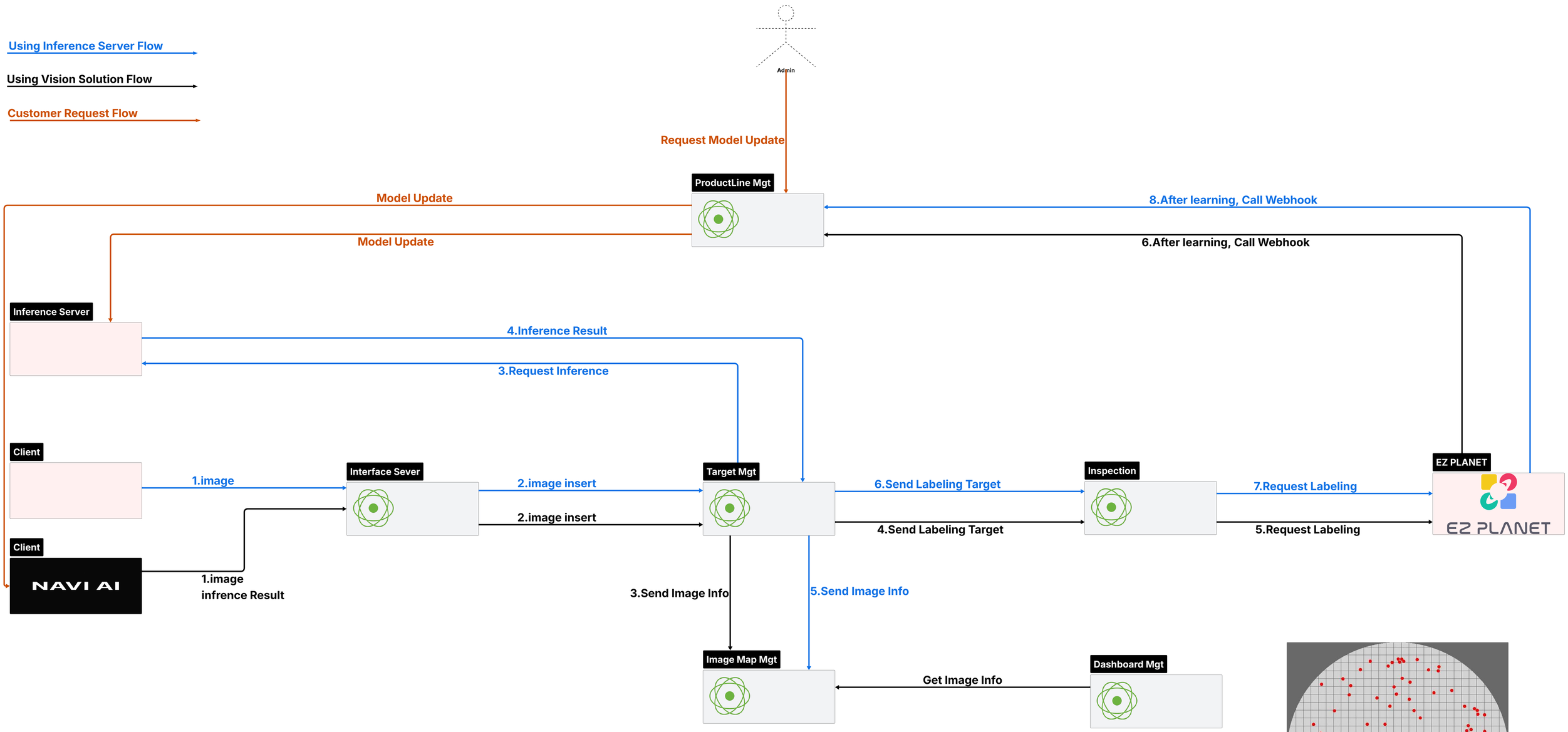
Image Map Mgt.
DATA


Provision
DATA

Interworker
DATA

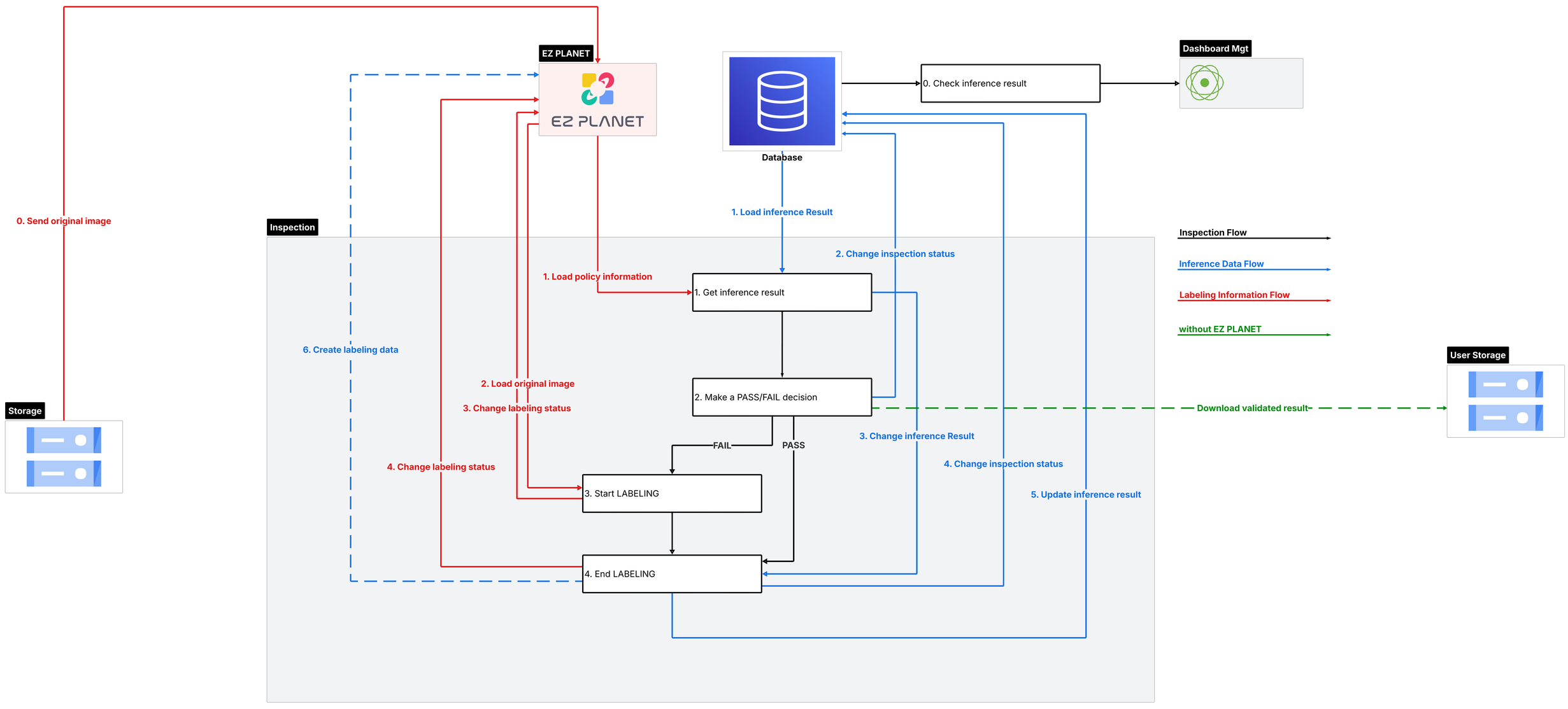

Product Line Mgt.
DATA

Real-Time Collector
Real-Time Collector Context



[Image Map Sample]

[Inspection]


EZ PLANET
EZ PLANET
Database
0. Check inference result
Dashboard Mgt
0. Send original image
Inspection
1. Load inference Result
2. Change inspection status
1. Load policy information
1. Get inference result
6. Create labeling data
2. Load original image
3. Change labeling status
2. Make a PASS/FAIL decision
FAIL
PASS
3. Change inference Result
4. Change inspection status
4. Change labeling status
3. Start LABELING
5. Update inference result
4. End LABELING
Storage
Inspection Flow
Inference Data Flow
Labeling Information Flow
without EZ PLANET
User Storage
Download validated result