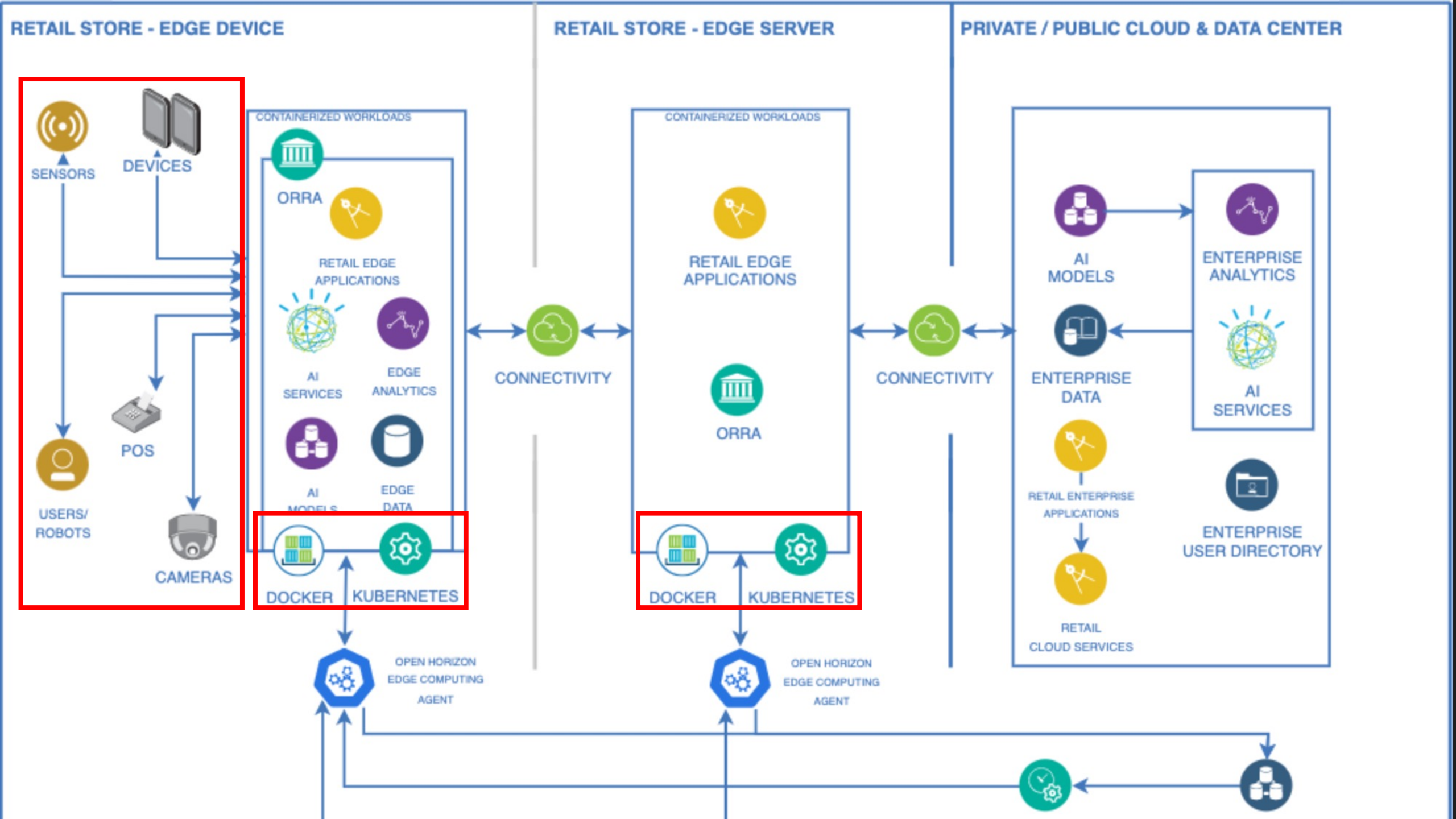
RETAIL STORE - EDGE DEVICE
RETAIL STORE - EDGE SERVER
PRIVATE / PUBLIC CLOUD & DATA CENTER
SENSORS
DEVICES
USERS/
ROBOTS
POS
CAMERAS
CONTAINERIZED WORKLOADS
ORRA
RETAIL EDGE
APPLICATIONS
AI
SERVICES
EDGE
ANALYTICS
AI
MODELS
EDGE
DATA
DOCKER
KUBERNETES
CONNECTIVITY
CONTAINERIZED WORKLOADS
RETAIL EDGE
APPLICATIONS
ORRA
DOCKER
KUBERNETES
CONNECTIVITY
AI
MODELS
ENTERPRISE
ANALYTICS
ENTERPRISE
DATA
AI
SERVICES
RETAIL ENTERPRISE
APPLICATIONS
ENTERPRISE
USER DIRECTORY
RETAIL
CLOUD SERVICES
OPEN HORIZON
EDGE COMPUTING
AGENT
OPEN HORIZON
EDGE COMPUTING
AGENT

What is our goal?

Should we keep our current focus,
or expand into Retail Edge Super Blueprint territory,
or something else?

Gaps I've encountered in real-world scenarios thus far:

- Fixed function Edge Device management (OTA firmware updates, TinyML model deployments). Ex: Zephyr OS, Golioth
- Programmable Edge Device management (OTA zero-touch firmware updates, immutable OS installation/updates. Ex: TUF, FoundriesFactory Linux microPlatform, Yocto, RHEL for Edge
- Run-time containerized workload observability and least-permissive security (policy discovery, workload identity, SPIFFE, SPIRE). Ex: KubeArmor
- Host network access security. Ex. Cilium