



Acumos - Enabling Commercialization of AI/ML Assets

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Acumos AI



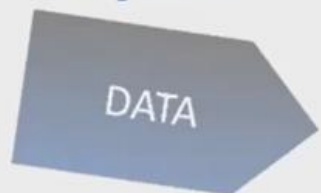
Bridging the gap between Innovation and Implementation

Connected world-Connected Experiences

Platform User Flow



Training Datasets



RCloud Spark H₂O

SCALE learn

TensorFlow™

torch



Modeler



Microservice
Repository

- ❖ Import *artifacts* required by template
- ❖ Store in repository
- ❖ Train, if necessary, to form *predictor*
- ❖ Package and deploy as *microservice*



Analyst



- ❖ Establish *workflow*
- ❖ Chain together microservices
- ❖ Package and submit to common catalog
- ❖ Simulate/test/validate



Publish



Solution
Marketplace

Catalog

- ❖ Searchable catalog of solutions
- ❖ Enter/Read reviews
- ❖ Adapt to data set types
- ❖ 'App store' capabilities



User



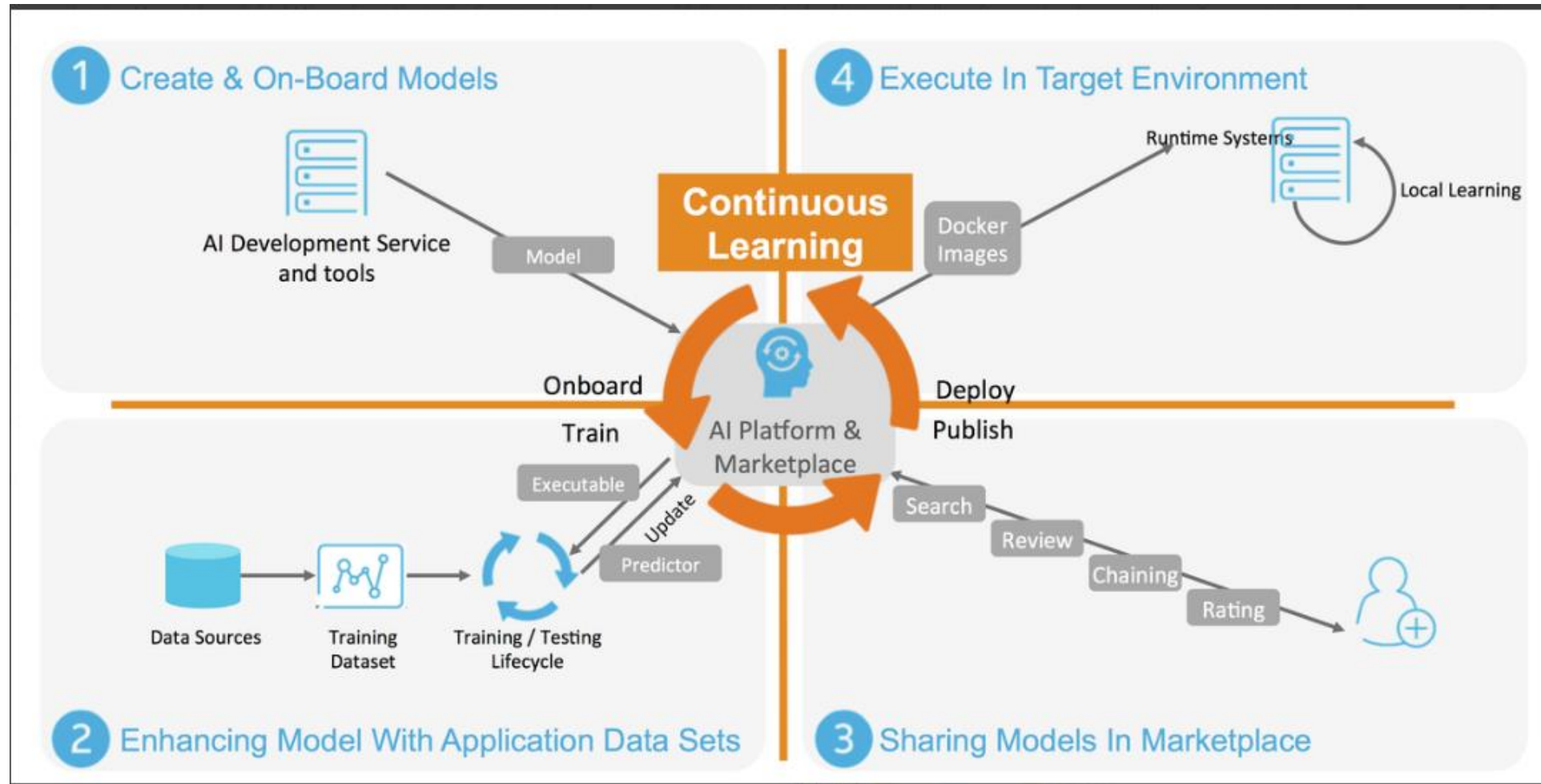
- ❖ Select solution from marketplace
- ❖ Connect to data set
- ❖ Deploy to runtime environment
- ❖ Improve model accuracy through experience



Platform Operator



Enabling licensing to support commercialization

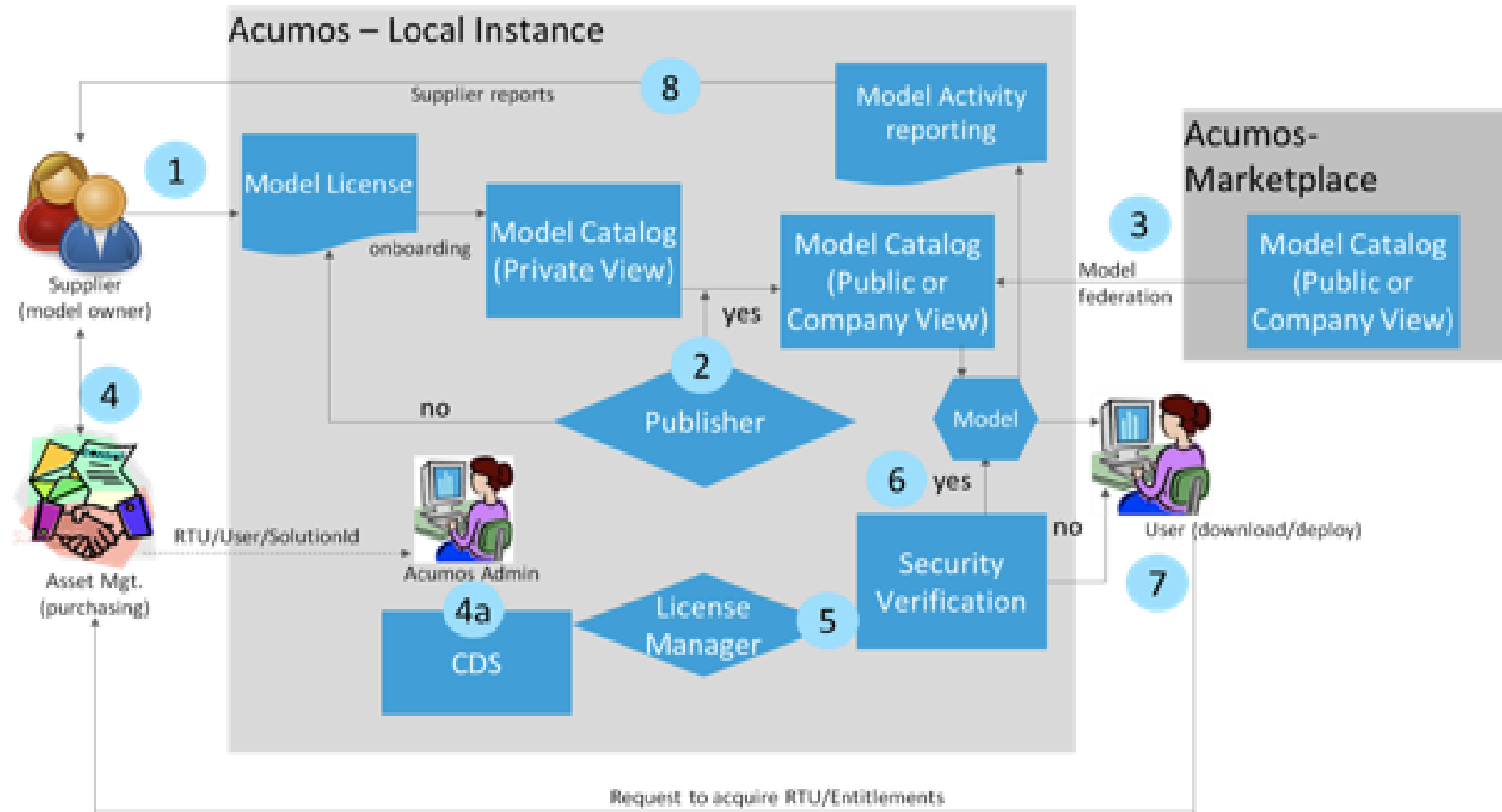


Acumos Boreas Release Highlights



- ✓ Support for AI/ML model suppliers to provide a commercial software license with their models in the Acumos marketplace.
- ✓ Enhanced support for deploying Acumos platform under Kubernetes
 - Support for ML Workbench to allow the creation and training of AI/ML models in Acumos platform
 - Support for onboarding of ONNX, PFA and Dockerized models.
 - Enhanced Acumos platform peering through a controlled process of partner catalog publication and subscription.
 - Enhanced user experience in portal.
 - Enhanced logging standards

Licensing Details

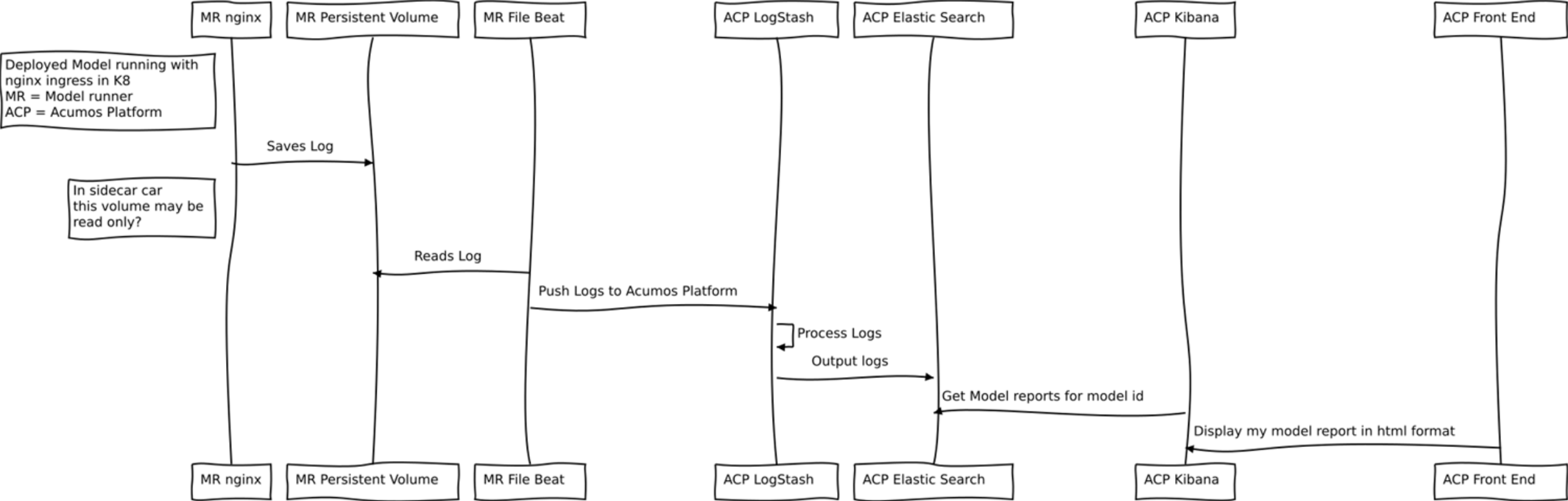


Licensing Details - Boreas features

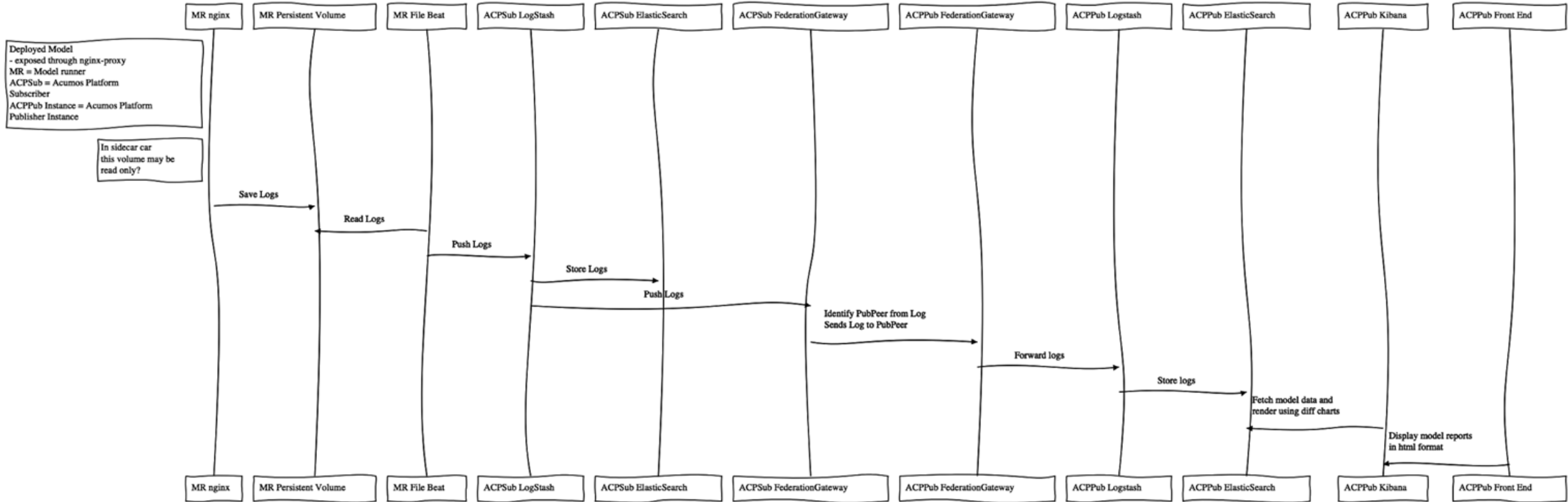


- 1 Create license artifact for ML models
- 2 Onboard a model with license artifact
- 3 Enable security verification scans
- 4 Provide configurable policy and workflow to verify model license
- 5 Enable portal/CDS integration to store Right To Use(RTU)/Entitlement
- 6 Validate existence of RTU in license manager library
- 7 Enhance security verification to call license manager for RTU validation
- 8 Enable tracking and reporting of model activities
- 9 New license tab in model management screen to view contents of model license artifact

Model usage tracking – lifecycle in Boreas



Model usage trading – lifecycle (federated) in Boreas





Join the Wave with Acumos Build a HARMONIZED AI word

Access- Build -Share -Deploy

Making AI available to everyone!



Acumos AI



