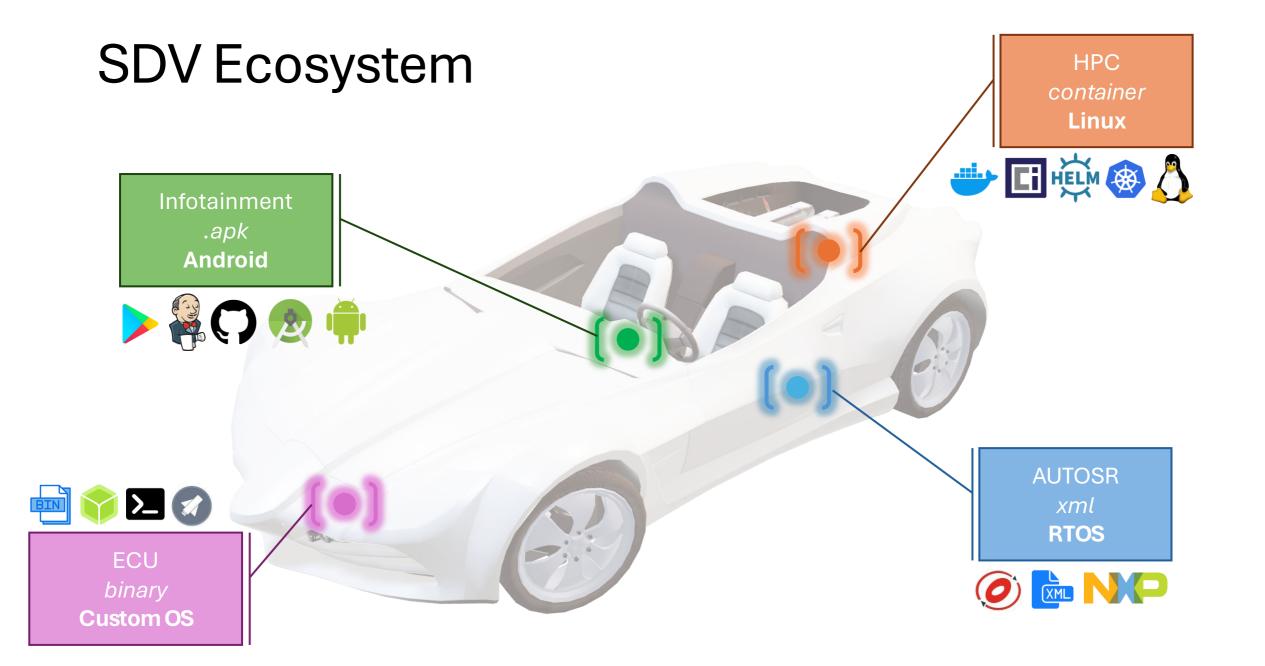
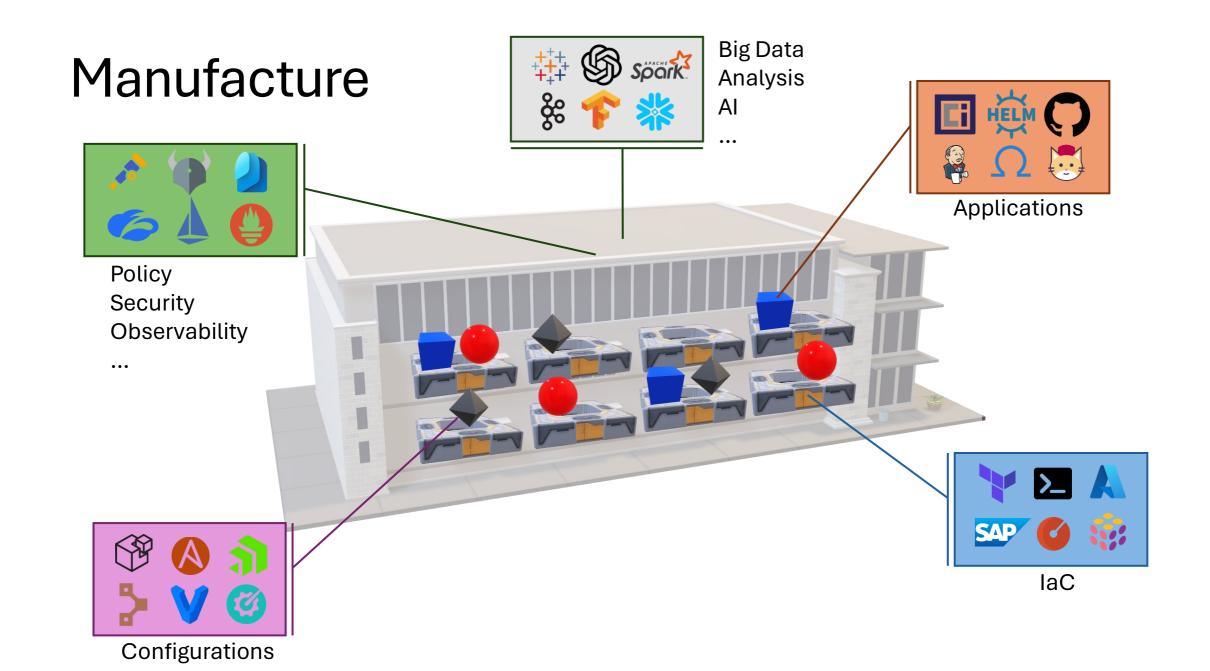
# Symphony

2024

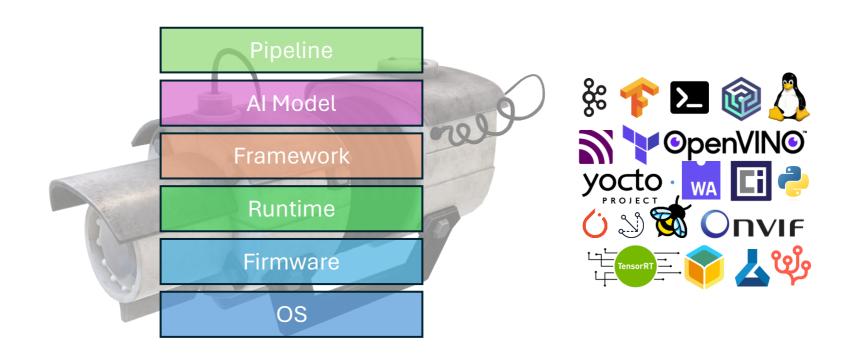
#### Problem

- Orchestrate multiple toolchains
  - Different vendors at different times
  - Diverse workforce knowledge base and capabilities
  - Mixture of different deployments and versions





## Edge Al

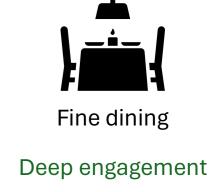


How do we build an **end-to-end, consistent edge experience** out of this heterogenous, dynamic landscape?

(without losing our minds)

### Roads to unification











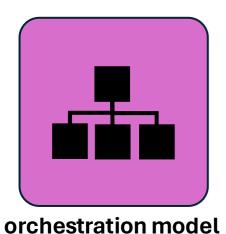
Food court

Specifications Standards

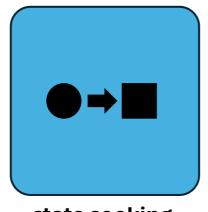
Full-stack

- Unified experience
- Embraces diversity
- Embraces dynamism

# Symphony abstractions

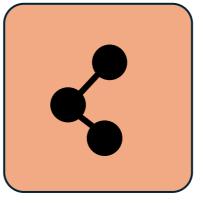


model orchestration problems
\* as code
application topologies
device capabilities
Al pipelines



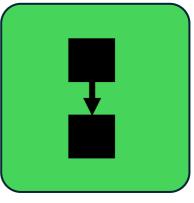
state seeking

deployment update configuration policy sidecar injection



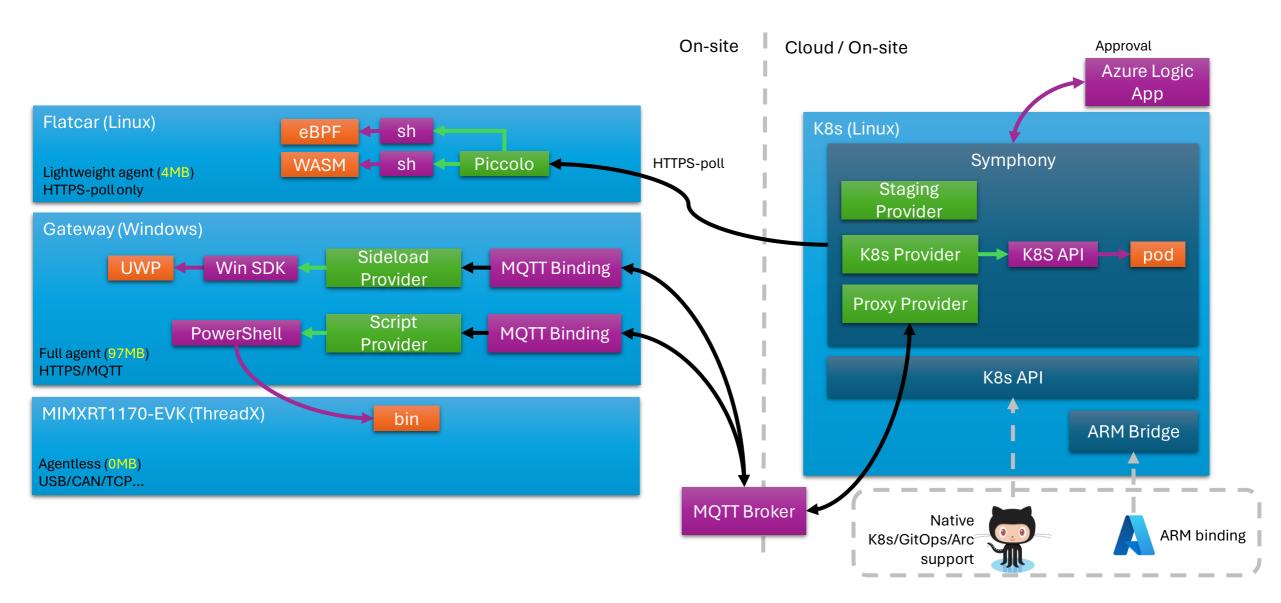
information graph

asset management configuration management templating status report analysis



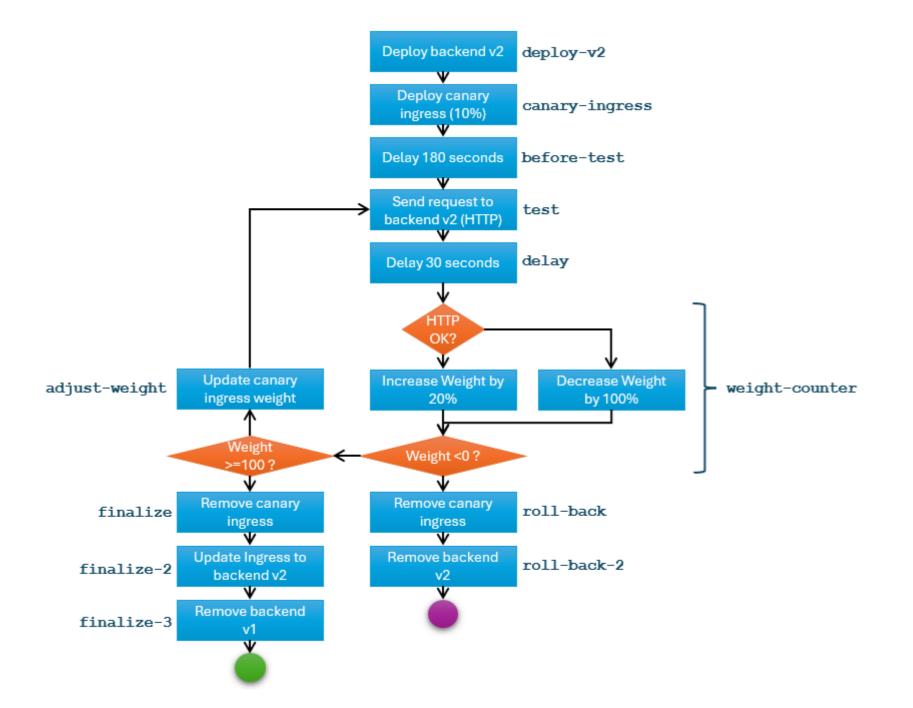
workflow

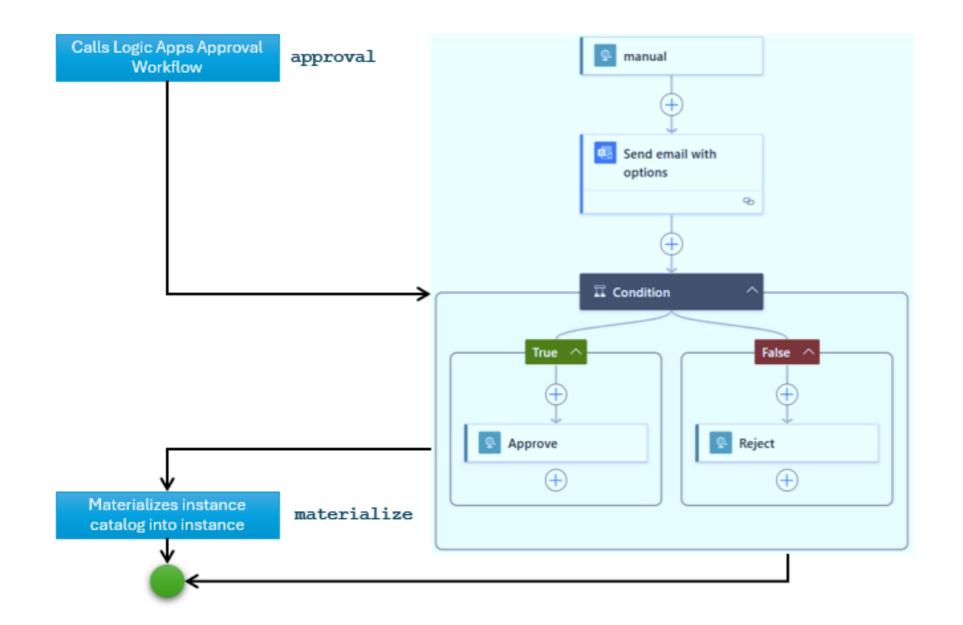
approval scheduled deployment canary CI/CD integration multi-site coordination

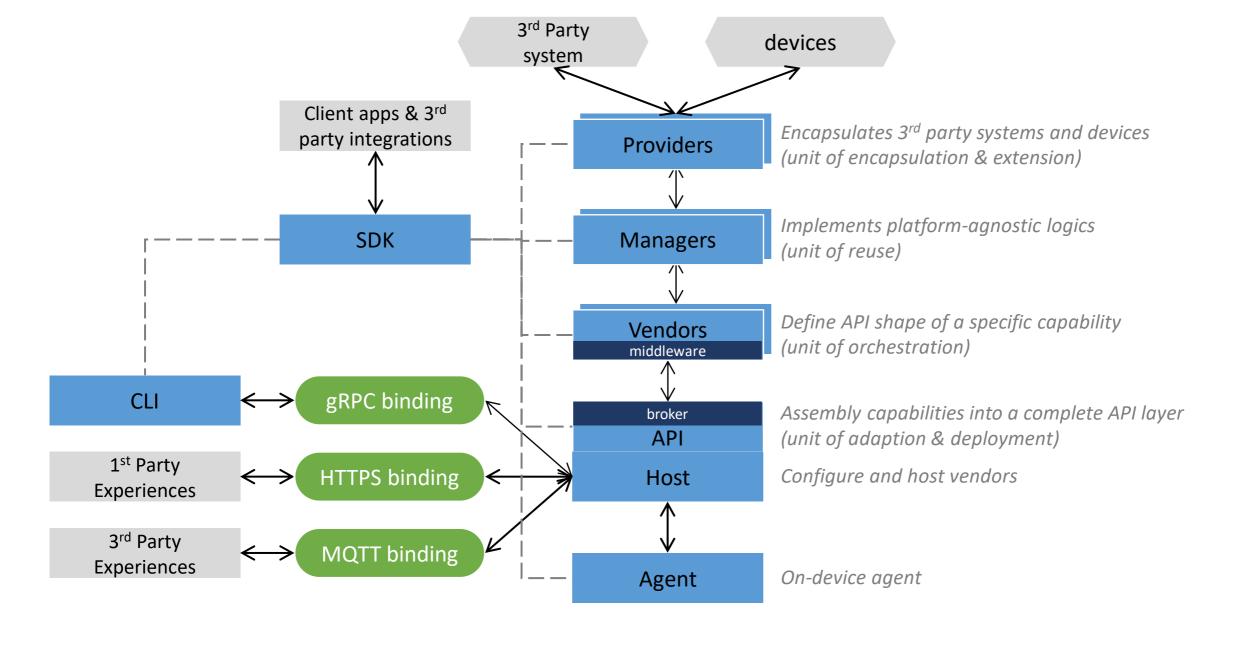


#### **Facts**

- Eclipse open-source project under MIT license (0.48.2)
- Platform agnostic and extensible
- Standalone or Kubernetes
- Agentless (0MB), light agent (4MB) or full agent (97MB)







## Architecture

