

Architecture Overview – Networking – Vehicle data and energy consumption monitoring

1. User enters Grafana FQDN in the web browser and is forwarded to the Ingress controller
2. Ingress controller translates the FQDN to the appropriate service and forwards it
3. Grafana GUI comes up in the Users web browser

| Service name | Service type | Note |
|------------------|--------------|--|
| Vehicle API | NodePort | externalTrafficPolicy: Local Externally Accessible through Anycast/NodeIP:nodePort |
| Kserve Inference | ClusterIP | internalTrafficPolicy: Local |
| Kepler | ClusterIP | |
| Prometheus | ClusterIP | |
| Kserve | ClusterIP | |
| Kubeflow | ClusterIP | GUI accessible through Ingress |
| Minio Storage | ClusterIP | |
| Grafana | ClusterIP | GUI accessible through Ingress |

