



# Observability Framework

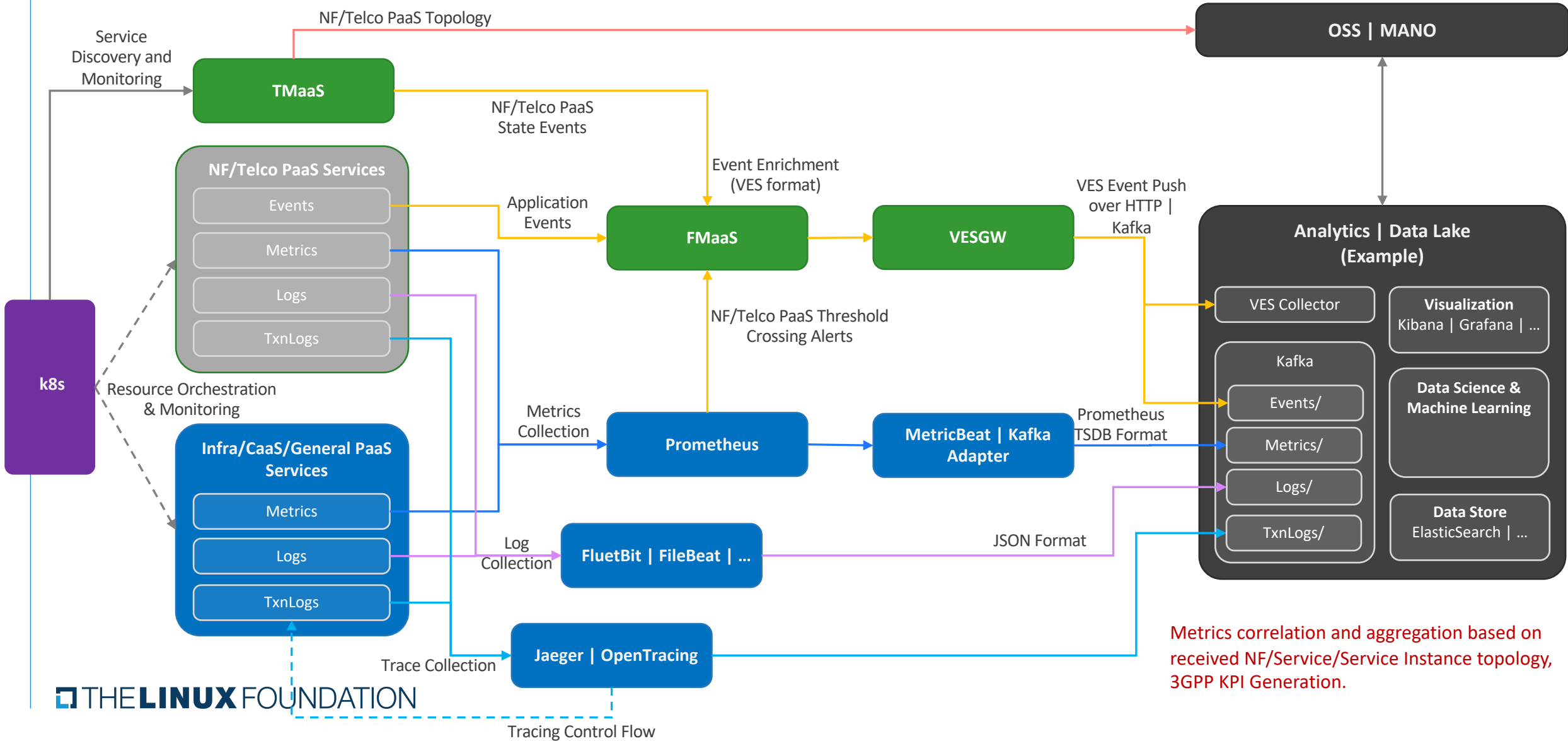
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 THE **LINUX** FOUNDATION

# Observability Framework

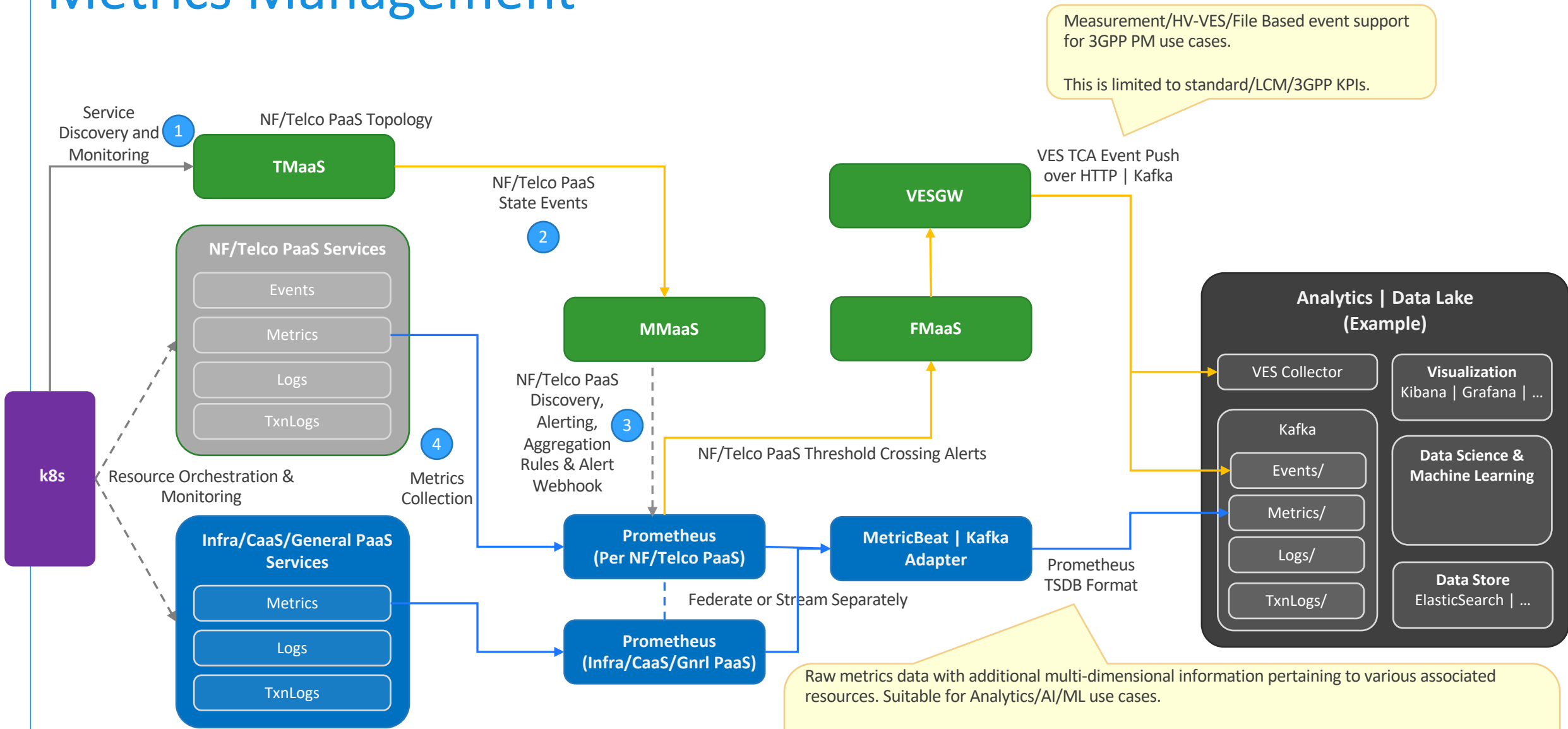
## Telco Observability Framework Requirements:

- Alarms/events, Metrics, logs shall contain NF/Service/Service Instance/slice identifiers
- Logging mechanism shall support ASCII, Binary and Crash file reliable log/crash file delivery
- 3GP subscriber Tracing and Transaction log (Jaeger does not need Telco requirements for Tracing) flows are not identified here for simplicity. Need to review and consider these functions in XGVela Telco PaaS.



Metrics correlation and aggregation based on received NF/Service/Service Instance topology, 3GPP KPI Generation.

# Metrics Management



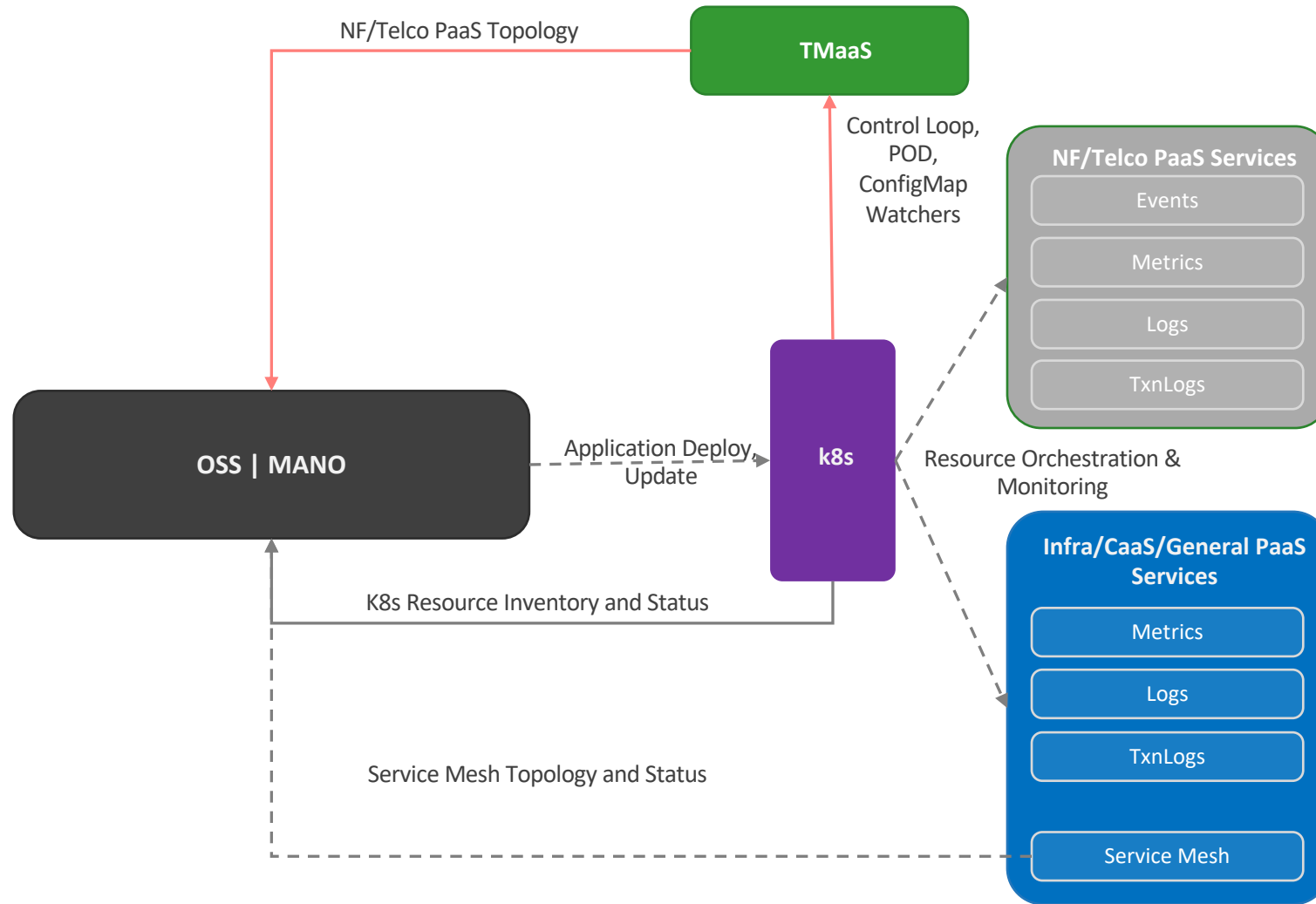
Measurement/HV-VES/File Based event support for 3GPP PM use cases.  
This is limited to standard/LCM/3GPP KPIs.

Raw metrics data with additional multi-dimensional information pertaining to various associated resources. Suitable for Analytics/AI/ML use cases.

A suggestion is to support this interface and integration native on OSS/MANO platforms such as ONAP. The Analytics platform could then generate 3GPP KPIs and reports, which is possible based on the various multi-dimensional resource information available in Prometheus data.

Ex. Apart from Slice, NF, NFS, NFSI identifier information, RAN CU/DU can inject gNB ID, ECGI, etc.

# Topology Management



# Thank You

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