

# Alert Lens for Private Cloud

Bolt Alert Lens for Private Cloud™ ensures the health of your private cloud by tapping monitoring data from VMware, Splunk, and other sources to identify anomalies and their cause, enabling fast, accurate resolution with minimum false alerts.

Enterprises today are implementing private clouds using VMware or a combination of VMware and containers, with deployments using “infrastructure as code” techniques. Alert Lens for Private Cloud delivers actionable infrastructure monitoring, enabling service desk and operations to keep up with the elastic nature of private clouds.

- Taps monitoring data from both VMware and Splunk
- Provides application to infrastructure degradation analysis, identifying not just anomalies but their underlying cause
- Reduces MTTR by orders of magnitude

## FAST

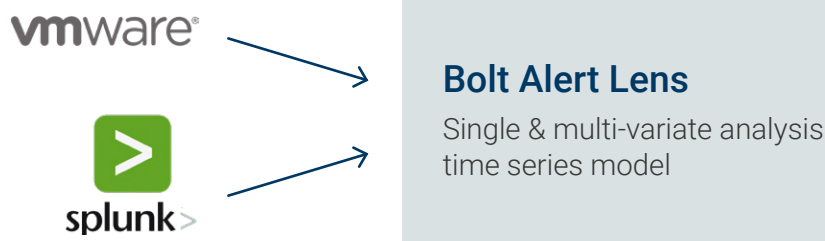
- Ultra high speed ingestion
  - >100K time series in production
- Time-based partitioning
- Multiple-source ingestion

## INSIGHTFUL

- Anomaly detection
- Accurate predictions
- Fast inference

## EXTENSIBLE

- Rich customizable transformations
- Data enrichment
- Periodic query payload



# Architecture

Built as a set of containers, the Alert Lens uses TensorFlow as its fundamental building block for the models. To allow for fast ingestion and inference of monitoring data, Bolt uses Kafka platform along with a purpose-built monitoring analytics pipeline that provides for fast and scalable alert processing that can easily be extended to support new data connectors and additional data processing stages.

Alert Lens's containers can be deployed inside VMWare virtual machines that support standard Linux allowing for management of the software that is consistent to the deployment of software within enterprises.

