



talend

# Monitoring Initiative

Jan Bernhardt, Strategic Architect @ Talend

**Why?**

Fault Analysis

Health and Performance

Intrusion Detection

Compliance

**What?**

Application Logs

Availability Health Checks

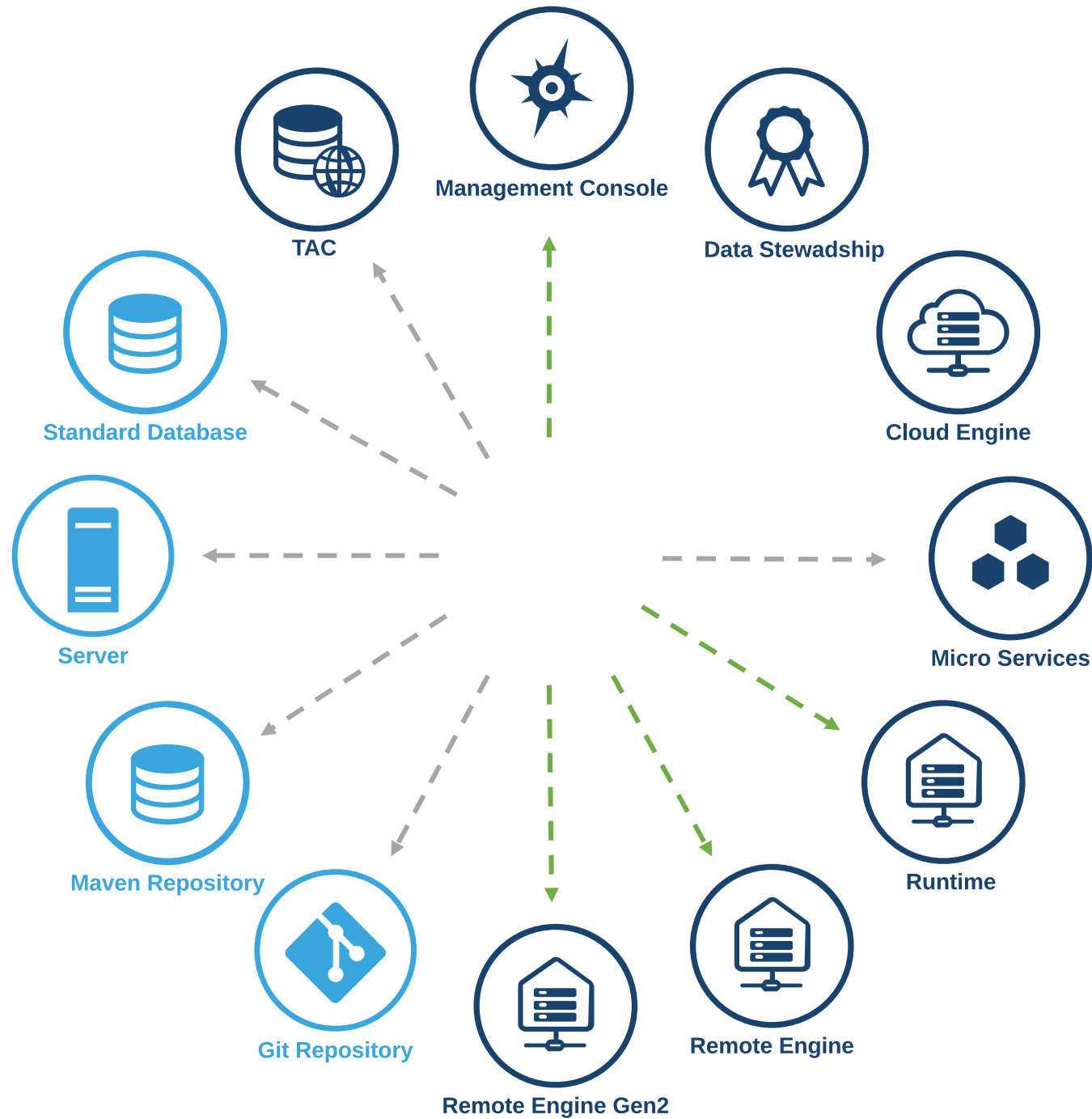
Performance Metrics

# Challenges?

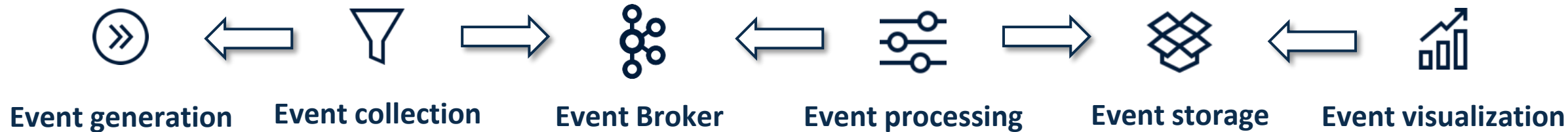
Too much/less Information

Log Message Formats

Distributed Systems

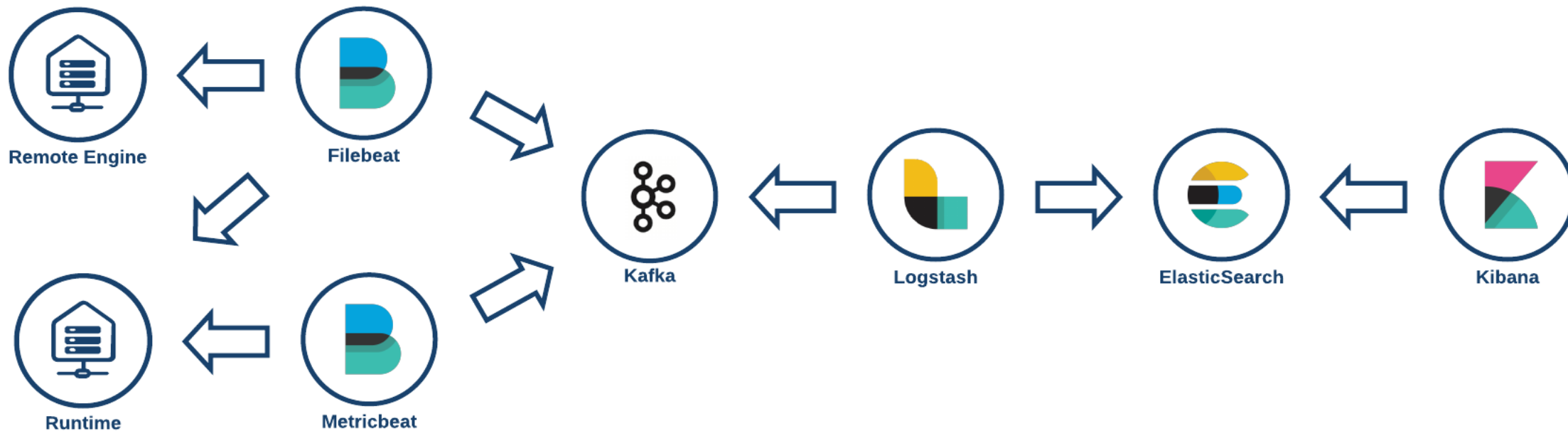


# ARCHITECTURE



# DESIGN

*BASED ON THE ELASTIC STACK*



# ARCHITECTURE



# DESIGN

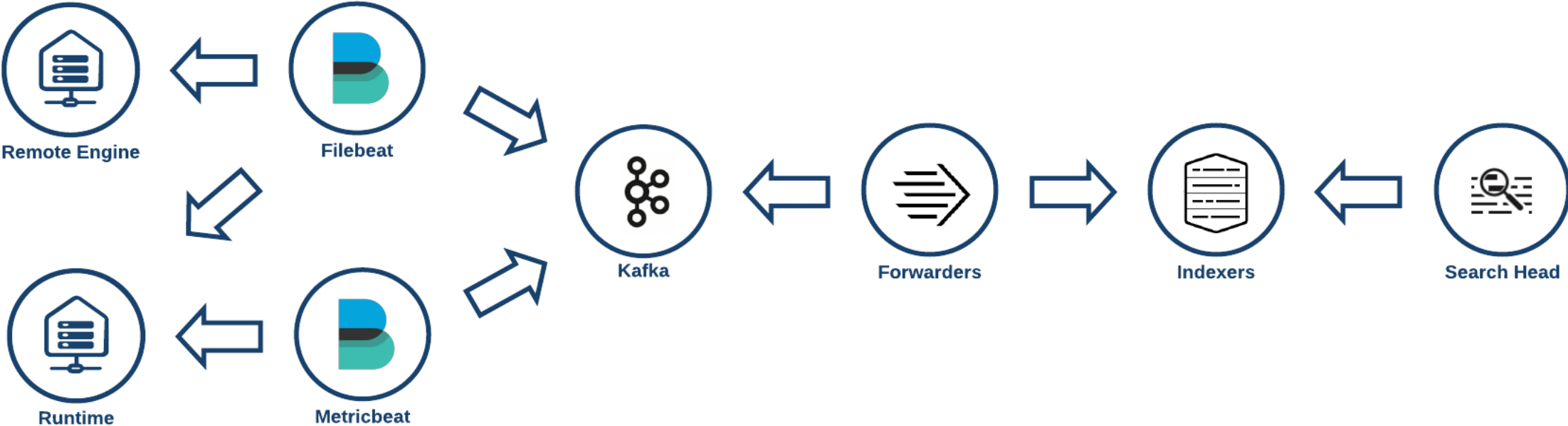
*BASED ON THE OPENSEARCH STACK*



# ARCHITECTURE



# DESIGN *BASED ON SPLUNK*





# ARCHITECTURE



# DESIGN

*BASED ON THE AZURE STACK*



# Capabilities

- Centralized Monitoring Cluster
  - Elastic Stack
  - Azure Log Analytics
  - OpenSearch
- Designed to Scale
- Easy Setup with Docker and Ansible
- Open-Source License

# Platform Features

- Supported Event Types
  - Log4j Application Logging
  - Access Log Monitoring
  - ESB Bundle Monitoring
  - Camel Route Monitoring
  - AMQ Queue/Topic Monitoring
  - AMC Job Monitoring
  - JVM Monitoring
  - TMC Audit Monitoring
  - OMC Observability Monitoring

# Studio + Features

- Studio Reference Project
- Reusable Joblets
- tLog component
- Sample Jobs



Healthy data,  
healthy business.

Questions?



**Jan Bernhardt**  
Strategic Architect