

# OBSERVE

Active Observability



# OBSERVE

Apica is an Active Observability data fabric that uses AIML capabilities to analyze log data in real-time, detect anomalies, provide context for logs and API flows, as well as troubleshoot issues and understand usage.



## Root cause analysis

Get the ability to easily trace and correlate data across different components of your system, making it easier to identify and resolve issues.



## Comprehensive visibility

Get a complete view of your system, allowing you to understand how all of the different components of your system are interacting and performing.



## Scalability

An observability data fabric is designed to scale with the size and complexity of your system, allowing you to collect, process, and analyze large



## Flexibility

Collect and analyze data from a wide range of sources, including applications, infrastructure, and services, making it easy to adapt to changing requirements.



## Proactive monitoring

An observability data fabric enables you to proactively monitor your system and identify potential issues before they become critical.



## Cost-effective

An observability data fabric can be cost-effective as it allows you to leverage existing data collection and analysis tools, rather than having to invest in new ones.

# CAPABILITIES

## Apica's Observe capabilities

include:

### **Detect anomalies in log data:**

This is important because it allows organizations to identify issues as they occur, rather than waiting for them to become more severe. By detecting anomalies early, organizations can prevent problems from escalating and minimize their impact on the system.

### **Get context for log data:**

This is achieved through the use of metadata, which is additional information that is associated with log data. By providing context for log data, organizations can more easily understand the causes of issues and take appropriate action to resolve them.

### **Analyze your API flows, troubleshoot issues, and understand API usage:**

Essentially, get API Observability into your infrastructure. To analyze API flows, Apica may collect data on API requests and responses, including information about the endpoints being called, the parameters being passed, and the payloads being sent and received. It may also track metrics such as response times and error rates. This data can be used to identify trends and patterns in API usage, as well as to detect issues or bottlenecks in the API flow.

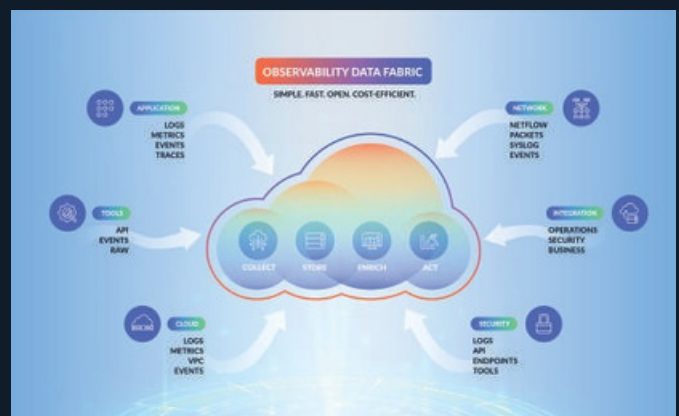
To troubleshoot issues, Apica uses this data to pinpoint the root cause of problems and suggest solutions. It may also provide tools for debugging API calls, such as the ability to replay requests or view request and response payloads.

To understand API usage, we provide tools for visualizing API data and metrics, such as graphs and charts that show API usage over time or breakdowns of API calls by endpoint or client. It may also provide reports and other forms of analysis to help users understand how their APIs are being used and how they can optimize their API design and implementation.

Apica allows to converge and analyze any data source, including logs, metrics, events, and traces. With the use of relational databases and "machine data," Apica wants to make it simple for businesses to combine operational intelligence.

Additionally, Apica provides Kubernetes Monitoring capabilities as well. To provide end-to-end observability for Kubernetes, Apica.io offers a range of features such as real-time monitoring, alerting and notifications, and visualization tools to help users understand and troubleshoot issues in their applications and clusters.

Apica also provide hassle-free integrations with other tools and platforms, such as Prometheus and Grafana, to provide a complete view of an application's performance and behavior.



# COMPONENTS

The key components of OBSERVE include:

## LOGS

Log aggregation,  
management & analytics

- Live data transformation, enrichment, and parsing
- Extract metrics from unindexed logs
- Clump noisy logs into templates

## METRICS

Application &  
infrastructure metrics

- Connect metrics to all observable data
- Advanced alerting using PromQL syntax
- Create personalized data maps to track system health

## TRACES

Trace transactions  
between distributed  
services

- Keep an eye on latency and scattered data flows
- Display dependencies with the complete data context
- Identify data filtering and aggregation problems

*Our platform uses AIML capabilities to analyze log data, detect anomalies, and provide context for log data. Additionally, our API observability allows you to analyze API flows, troubleshoot issues, and understand API usage*

## SUMMARY

Apica's OBSERVE is a platform that provides Active Observability for modern systems, allowing organizations to monitor and understand the behavior of their entire system in real-time.

OBSERVE allows organizations to improve reliability, performance, and efficiency, and make informed decisions about how to optimize operations by aggregating, managing, and analyzing log data, extracting insights, and visualizing data.