

FAQ

LogAI

What is the Augtera Network's LogAI Solution?

LogAI is a real-time anomaly detection and automation solution for log data. It is focused on enabling Network Operations teams to take immediate action when an anomaly occurs and prevent future anomalies. Actions can be taken by LogAI, the customer's Automation systems and/or Network Operations team members.

How does LogAI differ from existing Log Solutions?

The traditional purpose of log solutions has been to collect and store as many log sources as possible. In addition, log stores can be searched and increasingly queried in a fashion consistent with "observability" trends.

LogAI is not focused on being a large log store. It retains a customer-specified period of data, and focuses on real-time, automated action. This focus required the development of a high-performance, high-efficiency implementation that can process logs as they are received, without lags or message drops. It also required the development of automated real-time Natural Language Processing, Collective Learning, Rate burst detection and metric extraction. Capabilities not supported by existing log solutions. LogAI is fundamentally different by design and intent. It is complimentary to existing log solutions, capable of sending them actionable insights.

Why is Augtera Networks announcing the solution now?

Previously Augtera Networks had only announced Zero-Day anomalies for Syslog. The LogAI announcement extends support to JSON and JSON over Kafka. The LogAI announcement also makes public the entire log solution: collective learning, rate burst detection, metric extraction, structured queries and more.



What is new in this announcement?

- **Flexible Ingestion:** Log data support has been expanded from Syslog to JSON, JSON with Kafka, and Augtera's own API.
- **Collective Learning:** A repository of log signatures contributed to and shared with all LogAI customers. Log signatures (classifiers) detect "known knowns" as they occur. LogAI customers can specify multiple actions when a log signature is detected.
- **Rate Change Bursts:** When a well-known log message increases in rate, it could be due to an anomaly. However, just alarming on any rate change is noisy. Augtera Networks has developed and deployed a purpose-built algorithm for detecting bursts, reducing noise.
- **Metric Extraction:** Log data contains a wealth of metric data that is difficult to process when the log data is unstructured. LogAI extracts metric data and applies purpose-built metric algorithms.
- **Structured Query:** Log data is retained for a customer-defined period. For retained data, structured tag-based query provides a more powerful capability than traditional search.

How can the solution be deployed?

SaaS, Hybrid cloud, and On-Premises are supported.

What IT resources are required?

Augtera Networks Platforms and Solutions have been designed with high-performance, high-efficiency code, algorithms, and architecture. Our solutions do more, with a tenth of the resources used by similarly positioned offerings. In addition, Augtera Networks Platforms and Solutions allow customers to define through policy the scope of analysis.

Augtera Networks does not use a resource usage-based pricing model.

An Augtera Networks engineer would be happy to [review](#).

When is the solution available?

The solution is immediately available.



Where can additional information be found?

- Press/Analysts should contact: mark@augtera.com
- Customers should contact their Augtera Networks Sales Representative
- Enterprises, Service Providers, Managed Service Providers, and Public Sector entities can ask for a demo through the [contact form](#)