

Observability is the key to improving your MTTR

Increasingly complex systems require a lot of knowledge to troubleshoot, and the distributed nature of modern apps means that issues are harder to detect and resolve.

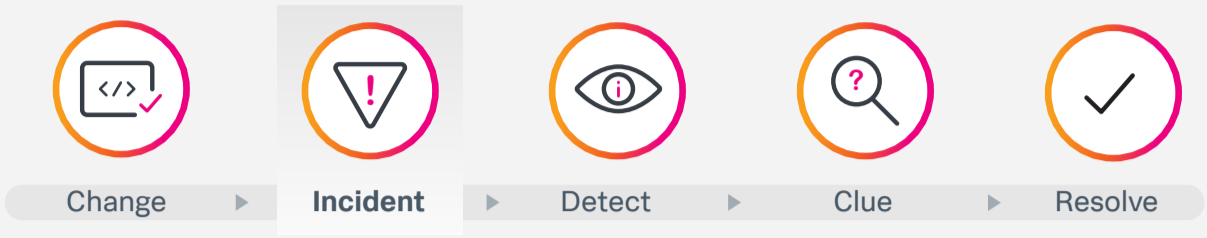
Many companies still rely on email for alerting. Customers often alert the help desk before operations or DevOps teams are aware of an issue.



The MTTR Framework

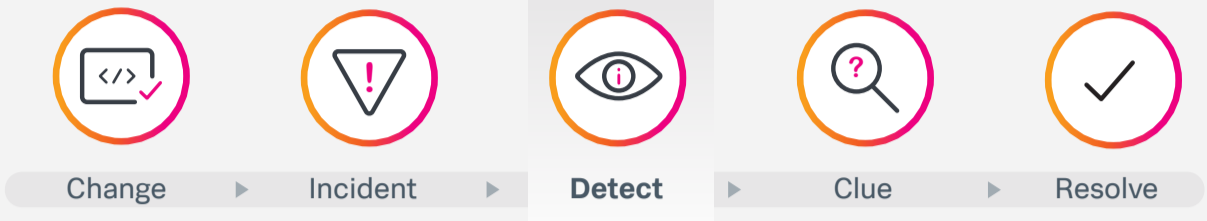
Leverage observability to improve MTTR

Observability enables high-quality monitoring across complex distributed systems from a single pane of glass. Eliminate tool sprawl.



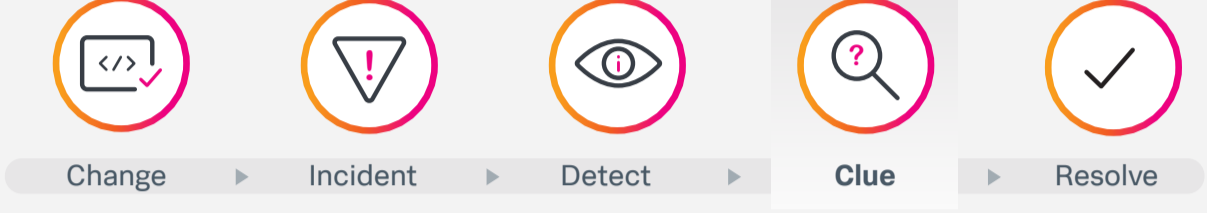
An observability suite must take in ALL of your data without the risk of missing outliers/anomalies. No more visibility gaps.

Observability directs responding site reliability engineers (SREs) only to alerts that matter. Avoid 2 a.m. alert storms!



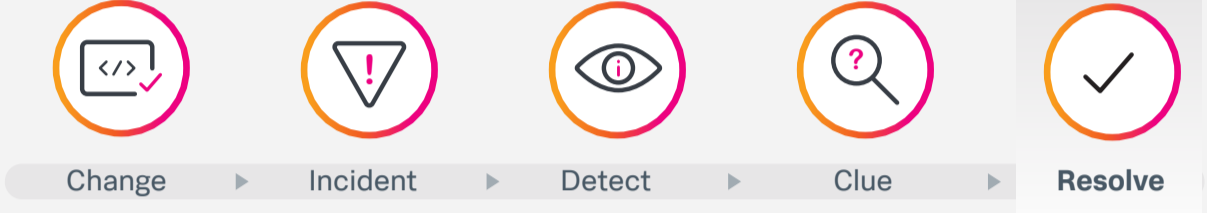
An observability suite needs to keep pace with transient cloud-native environments. Detection and alerting in seconds is key.

Observability allows SREs and developers to quickly gain clue about the incident and its impact. Directed troubleshooting for faster root cause analysis.



An observability suite must make continuous sense of all that fine grain data in real time.

Observability automates incident response in DevOps practices to embed collaboration and accelerate resolution.



An observability suite gets the right alert to the right engineer at the right time, to resolve issues as fast as possible.

There are three pillars of observability — metrics, traces and logs.



Metrics are very useful for real-time detection and alerting, particularly with large-scale systems.



Traces help you locate the problem in a complex web of microservices.

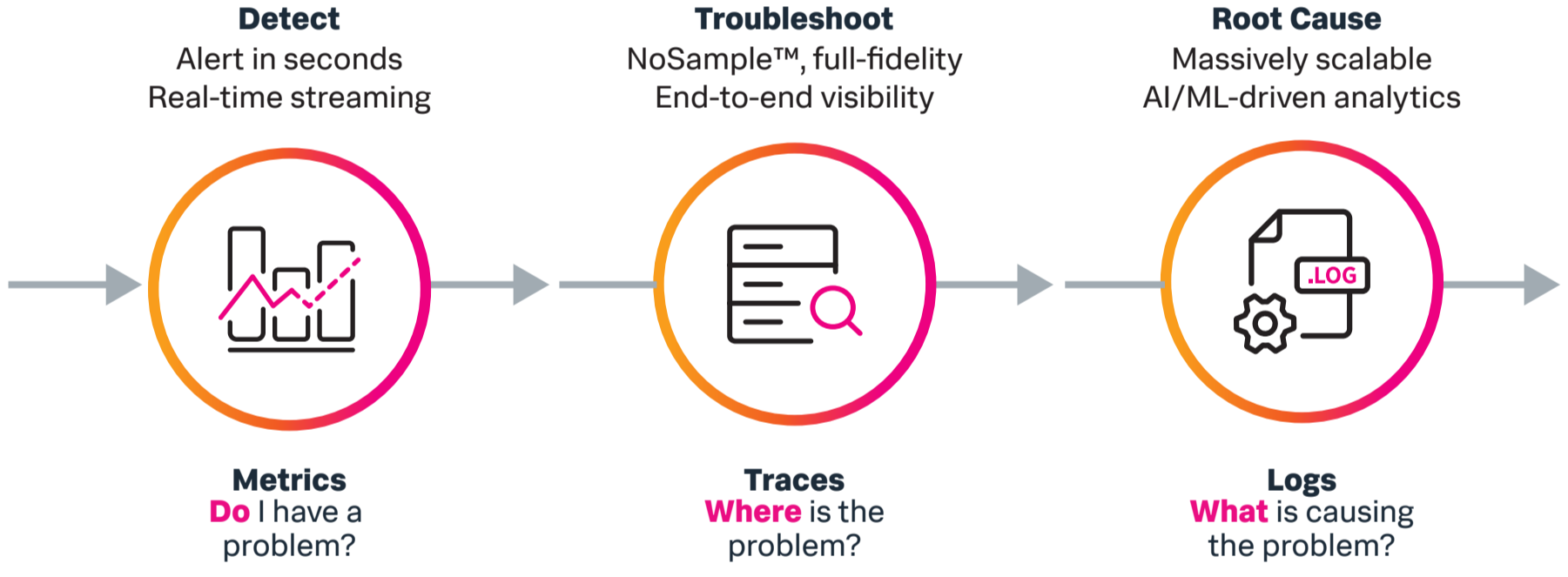


Logs help you understand why the problem is happening in the first place.

When effectively correlated, these three data types can provide you with the speed, context and detail that you need to fully understand the behavior of complex systems for faster troubleshooting.

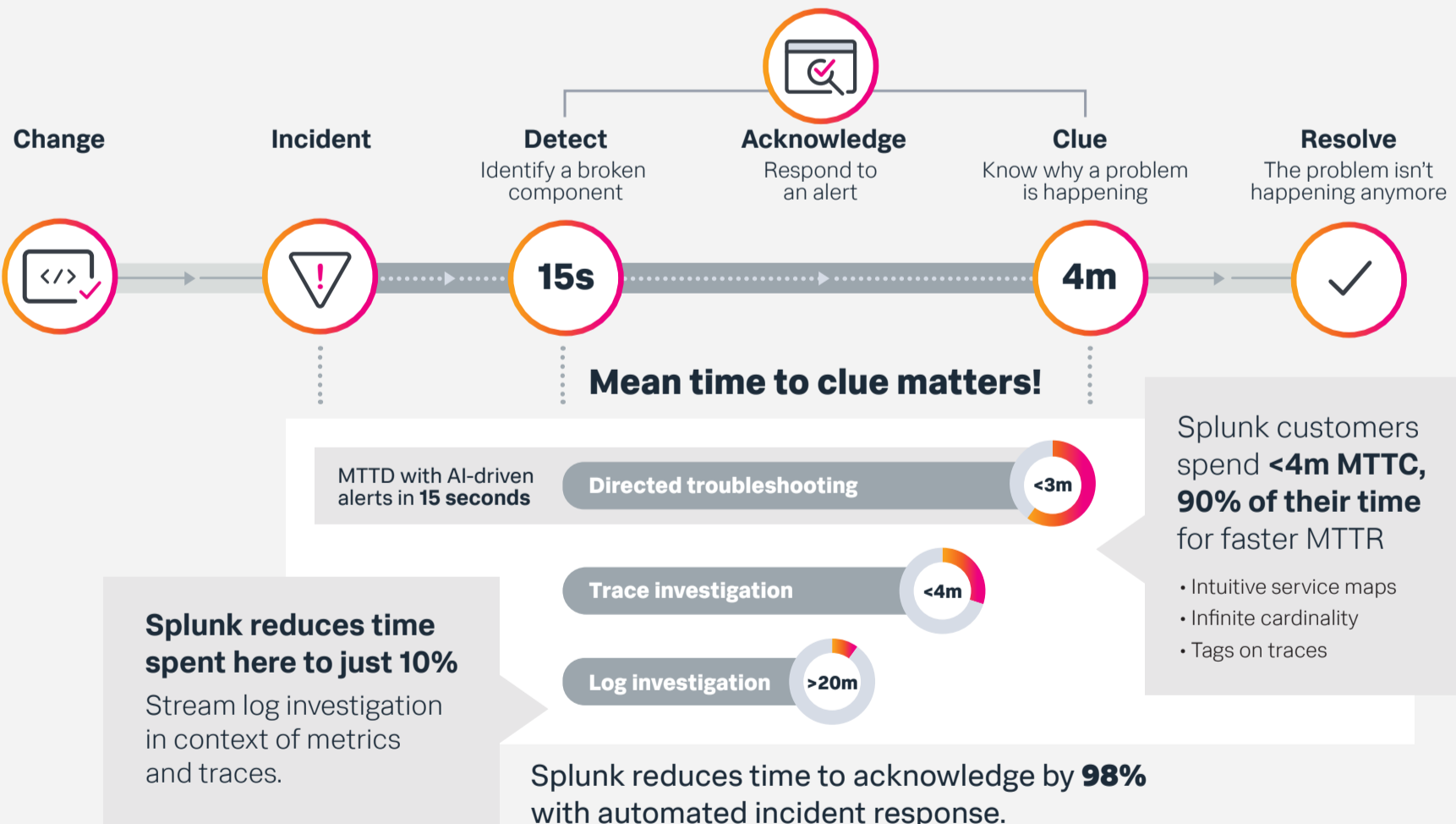
Leverage Splunk Observability Cloud

for a single, comprehensive view across all your data and all your systems



Go from problem detection to resolution in minutes with Splunk Observability

Know where and what the problem is. Have the right team on hand with the right contextual insights needed for faster remediation.



Splunk Observability

- Single pane of glass for ALL metric, trace and log data, enables seamless and context-rich workflows for integrated monitoring and investigation.
- NoSample™ full-fidelity ingest allows you to troubleshoot needle-in-a-haystack, unknown failure conditions.
- Unmatched speed and scale powered by a patented streaming analytics engine detects and alerts on critical issues in true real time (seconds, not minutes).
- AI-driven analytics correlates data from multiple sources and provides end-to-end directed troubleshooting that points users to the root cause of problems.
- Data-science enabled triage: one-click analysis of top contributors in long-tail traces.
- OpenTelemetry-based instrumentation makes it easy to get started quickly with open, flexible, no vendor lock-in instrumentation approach.
- Built for any environment at any scale. It ingests petabytes of daily logs with millions of metrics and traces a second.

Go from problem detection to resolution in minutes with this free, 14-day trial for Splunk Observability Cloud.

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