catchpoint

Catchpoint Tracing

Enabling IT Ops teams to quickly fix application issues

Logic, workflows, dependencies ... — **Business**
Apache, Nginx, IIS ... — **Web**
WebSphere, Tomcat, Oracle ... — **Application**
MongoDB, Redis, SQL ... — **Database**
Containers, Serverless, Object store... — **Instruments / storage**
BSD, Linux, Windows ... — **Operating systems**
LAN, WAN, "Internet" ... — **Network**

WITHOUT TRACING

WITH TRACING
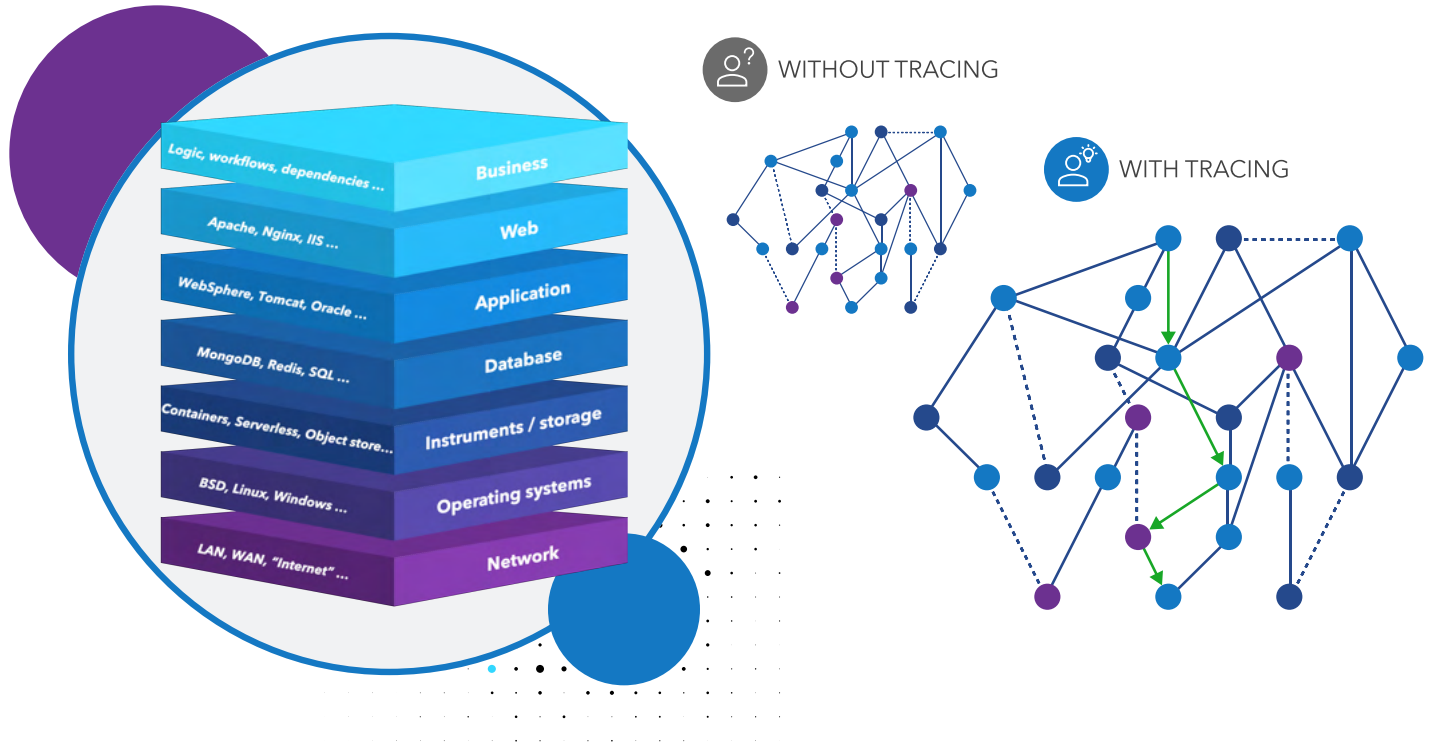
Catchpoint Tracing provides true end-to-end visibility of distributed applications – whether they are deployed on physical devices, virtual machines, containers or even serverless. It solves the problem of complex, large, distributed environments having an impact on your customer's digital experience and enables IT Ops to deliver reliable application experiences without having to be developers.

The Catchpoint platform extends Internet Performance Monitoring's (IPM) outside-in visibility from the internet stack through the application stack. With detailed user experience and distributed tracing data in the same platform, you gain a holistic, end-to-end view with analytics and drill-down, all while reducing APM spend.

**Find & Resolve
Application Errors**

**Diagnose & Optimize
Application Performance**

**Power Observability
Frameworks**

**Balance Innovation
Velocity with Reliability**

Diagnose application errors or performance bottlenecks in seconds

As cloud-native became synonymous with complexity and distribution headaches, the need for tracing became a new way to gain end-to-end application visibility for efficiently maintaining high levels of performance and resilience.

With hundreds, thousands, or more application components spanning different architecture types and geographies, **an Internet-centric approach to tracing gives businesses and practitioners the 360-degree visibility they need to deliver fast, resilient experiences – regardless of complexity, size, or distribution.**

Find & Resolve Application Errors

An application call can invoke dozens or hundreds (or more) requests, each presenting a possibility for failure. Catchpoint Tracing empowers IT Ops teams to spend less time finding errors and troubleshooting before they impact business.

- Support for servers, containers, or serverless.
- Troubleshoot upstream or downstream dependencies.
- Combine with service level objectives and error budgets.
- Time travel debugging for tracing back issues to the exact line of code in no time.
- Leverage Trace linking to visualize the entire history of an action in a single trace map and quickly spot the root cause of errors.

Diagnose & Optimize Performance

Faster applications mean faster money. There is a near infinite list of variables that can affect application performance. Simplify application performance management with Catchpoint Tracing.

- Manage performance for native or non-native resources.
- Architecture views and service maps provide visibility into underperforming services and their root cause.
- Powerful analytics and drilldown to track application health.
- Map dependencies of an application to their supporting services.

Power Observability Frameworks

Teams need the ability to support multiple protocols and data streams to fuel their modern observability frameworks. Since most problems with a user's experience occur on the front end, the need for IPM will continue to rise.

- Support for Open Telemetry to enable integration into large observability frameworks.
- Business-level application dashboards for in-depth insights.
- Effortlessly integrate with internet stack telemetry.
- Automatic & easy instrumentation without touching code.
- Support for popular languages like .NET, Python, JavaScript, Node JS, or Java.

Balance Innovation with Reliability

Businesses require application updates which inevitably break that which should remain reliable. With Catchpoint Tracing, IT Ops teams find balance by breaking down siloes and having insights into applications so continual innovation does not sacrifice reliability and resilience.

- Reduce relationship strain between Ops, Dev, and the business.
- Discover dependencies between services.
- Determine the impact of migrations.
- Troubleshoot without having to bother developers.
- Improve onboarding process with always up-to-date architecture views.
- Establish Business Transactions based on business logic with trace linking for full end-to-end visibility.

Learn more at **www.catchpoint.com**   catchpoint.