



## APPLICATION PERFORMANCE MONITORING (APM)

Pinpoint end-to-end performance-related issues in your complex distributed application with Atatus Application Performance Monitoring.



With APM, you can proactively monitor, analyze and optimize the performance-related issues in your application. Gain full-stack visibility in real-time on how your application performs and find what causes your application to slow down. Automatically diagnose the performance and availability issues in your applications to get comprehensive metrics of your APIs, code, health of the system and much more.

“Great Product for APM easy to implement use and track performance”

- Kyle F

### Supported Languages



## Features

### End-To-End Transaction Performance

Drill down into transactions and visualize where your application is spending its most of time. Find which end point is slowing down your application and get the detailed breakdown to understand which part of your code is the root cause to resolve the issue. Get an in-depth overview of the response time, throughput, HTTP failures, error rates and more of each transaction.

### Slow Database Queries

See worst performing SQL queries and stack traces. Get a detailed overview of your database performance, slow database queries and the ability to filter and view the original trace specific to that slow SQL query. View individual database breakdown and the throughput, to identify any degradation in the database response time. With the list of all slow SQL calls with normalized queries to understand which tables and operations have the most impact and measure if your changes improve performance.

### External Service Instrumentation

Get a comprehensive overview of all the out-of-process network calls that your app makes to third party apps, microservices, and other network services by surfacing slow calls occurring within your requests along with transaction traces to provide actionable insights. Get down into an individual URL to understand which end points make calls to a particular domain, along with specific details of the total time consumed, response time, throughput, slowest external requests.

### Detect API Failures

See detailed overview of all the HTTP Failures that happen in your app that impacts your users. Get in-depth details of the request parameters, various HTTP failure codes along with custom data that you can pass to analyze your failures. Aggregate, search and filter the status codes to see how each end point is impacted by these API failures..

### Error Tracking

Identify, diagnose and resolve the most impactful issues that are affecting your users. Quickly diagnose issues in your code, fix and deploy to give your users an error free user experience. See the full stack trace that pinpoints the exact line of code that caused the error. Get code snippets around each stack trace line that makes understanding the error easier from within Atatus. Identify the release or commit that introduced this error and resolve it sooner.

### Slow Request Breakdown

See where your app is spending its time. Visualize where each of your end points is spending most of its time, which functions were executed, for how long and where you need to debug further to speed up your application. Break down slow requests by time spent in code blocks, database queries, external services, templates, message queues and much more. With a separate list of all database queries called from this trace with the normalized query, understand which table and operation were called, it's impact and what you can do to improve its performance.

### Deployment Tracking

Release your new version of your application software with utmost confidence. Integrate your continuous deployment with Atatus which adds deployment markers to measure how your customers are experiencing the recent code pushed into production. See how your application was performing before and after deployment with the list of slowed down requests, new errors and much more.

### Infra, Logs, Metrics Integration

View logs, infrastructure metrics, VM metrics in context with the original request. Filter and see what has transpired in your server when the application has slowed down. See the related infrastructure metrics, language specific runtime metrics and the Logs that happens in your infrastructure to detect and diagnose issues.

## Benefits

### Enables You To Meet Customer Expectations

A satisfied customer is the best business strategy of all. The main goal of any site or application owner is to have fewer bugs or crashes in their application or software. Use APM to measure the performance of your application and fix the issues which will directly impact customer satisfaction in a positive way. Always take immediate action to keep your application's performance high and make sure your application runs fast to keep your customers satisfied.

### Reduced Downtime

By monitoring your application proactively you can reduce the downtime of your application. Unexpected downtime may cause millions of loss to your organization. Thus, ensure the availability of your application persistently and troubleshoot maximum issues before your customers experience them.

### Improve End-User Experience

Improvement in the quality of your application creates better user experience. Customers will just drop out if your application doesn't meet their expectations. Without realizing what your customers want you might lose all of your customers. A poor performing application prompts users to look into the competitive sites. Thus use APM tools in your application and get the deeper visibility and insights of your performance and make sure everything performs as expected.

### Enhance Efficiency and Productivity

Finding issues in the production has become a more stressful task for everyone. Every application needs proactive monitoring to fix the issues before your customer gets impacted. Spot the bugs and issues within seconds with APM tools and reduce the unnecessary meetings to increase productivity.

### Lower Operational Costs

By monitoring your application seamlessly, would cost less for developing applications.

Investing in APM tools will cost far less than continued costs in fixing problems over and over and also you can invest in many new products and services to improve your business.

### Speed Up Innovation

APM tools automatically find all the issues and bugs in your application where you will get more time than before using which you can develop many new features to your application.

### Boost Sales and Revenue

With higher customer satisfaction and better visibility every business owner can increase their growth and profitability. Better team performance would reduce operating costs. Thus APM software supports you to become more competitive and profitable on the market.

### Who Is It For

- Developers
- DevOps Engineers
- SRE Engineers
- Site Owners
- QA & Testing
- System Admins
- Application Owners

[Sign up with Atatus.](#)

Try for free. No credit card required. Instant set-up.