

— DATADOG EXPERTISE

# Operationalize Datadog LLM Observability in Production

RapDev helps organizations deploy AI to bring visibility, control, and reliability to AI applications. With strong observability foundations, *we enable teams to reduce risk, control cost, and confidently scale LLM-powered systems in production.*

## Improve LLM Reliability, Cost Control, and Security

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| <p><b>End-to-End Visibility</b></p>  | <p><b>Predictable AI Quality</b></p>  | <p><b>Cost and Performance Control</b></p>  | <p><b>Secure and Compliant AI</b></p>   |
| <p>Trace prompts, model behavior, and tool interactions to understand how LLM responses are generated.</p> | <p>Detect hallucinations, inconsistencies, and regressions early with evaluation-driven guardrails.</p> | <p>Track token usage, latency, and request volume to optimize efficiency and prevent cost overruns.</p> | <p>Prevent prompt injection and sensitive data exposure with built-in detection and guardrails.</p> |

## RapDev's Approach to Operationalizing LLM Observability with Datadog

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| <p><b>Observability Foundation</b></p>         | <p>Instrument LLM applications and monitor trace metrics, latency, errors, token consumption, and model usage in real time.</p>                            |
| <p><b>Evaluation and Guardrails</b></p>        | <p>Implement managed and custom evaluations to detect hallucinations, unsafe outputs, and prompt injection while enforcing consistent AI behavior.</p>     |
| <p><b>Experimentation and Optimization</b></p> | <p>Build golden datasets, run structured experiments, and compare prompts and models to continuously improve performance and detect regressions early.</p> |

"We reduced unnecessary token usage by 28 percent within the first month and finally gained visibility into how our LLM behaves in production. What used to be guesswork is now measurable and controlled."

— **Senior Director, AI Platforms, Healthcare Software**

