

Helping employers find the perfect employees

Optimizing microservice and
container resources

Instana, an IBM company

3-minute read

PathMotion is a cloud-based talent-acquisition and employer-branding platform that connects potential hires to employees within an organization. Applicants use the platform to learn more about a particular business and its corporate culture during the recruitment process. This creates a positive candidate experience that attracts the right talent.

Needing to scale its operations to break into new markets, PathMotion's observability journey began when modernizing and migrating from an on-premises, monolithic application to



building and deploying microservices on Google Cloud Platform (GCP) and Google Kubernetes Engine (GKE). PathMotion needed an equally

modern observability and monitoring solution that could keep up with the newfound velocity and complexity of containerized microservices.

“Having the ability to measure how well our microservices communicate and understanding the performance of the connections between all components in our platform became vitally important.”

Mehdi Mahfoudi, DevOps Engineer, PathMotion

Benefit to employers
using the PathMotion
platform

200%

increase in qualified applicants

Impact of Instana
on PathMotion's
infrastructure

10%

of virtual machines eliminated

Automated monitoring for microservices and containers

After looking at several application monitoring and observability vendors, PathMotion chose [Instana](#)® for its ability to automatically visualize and monitor the performance of microservice architectures and software running on container orchestration platforms like Kubernetes.

“Instana helped us identify underused resources in our Kubernetes clusters. Because we can see how our microservices interact, we have optimized our Kubernetes nodes and are only running the virtual machines



we need to keep our production environment operating at peak

performance,” says Mehdi Mahfoudi, DevOps Engineer at PathMotion.

Optimized resources and accelerated development

PathMotion was able to eliminate about 10% of its virtual machines. The reduced number of nodes helps PathMotion deploy more resources elsewhere. When the company needs more capacity, Instana provides a warning that resources are being strained, allowing PathMotion to spin up new services in GCP within seconds.

Freed from the need to continually maintain its GCP infrastructure, PathMotion can devote more time to improving its CI/CD pipelines. It can now focus on giving developers the tools they need to accelerate



the development and deployment of patches, performance improvements and new PathMotion features. This

gets the developers excited about their work and eager to flex their skills for the benefit of the company.

PathMotion

About PathMotion

[PathMotion](#) (external link) adds a new dimension to recruitment that helps connect employers with the perfect employees. Using the PathMotion online discussion platform, the company's customers have increased their volumes of qualified applicants by more than 200% and improved job-offer acceptance rates by 65%. PathMotion has offices in Paris and London.

Solution component

- Instana®

INSTANA an IBM Company

About Instana, an IBM Company

Instana, an IBM Company, provides an [Enterprise Observability Platform](#) with [automated application performance monitoring](#) capabilities to businesses operating complex, modern, cloud-native applications no matter where they reside—on premises or in public and private clouds, including mobile devices or IBM Z® mainframe computers.

Control modern hybrid applications with Instana's AI-powered discovery of deep contextual dependencies inside hybrid applications. Instana also provides visibility into development pipelines to help enable closed-loop DevOps automation.

These capabilities provide actionable feedback needed for clients as they optimize application performance, enable innovation and mitigate risk, helping DevOps increase efficiency and add value to software delivery pipelines while meeting their service and business level objectives.

For more information, visit instana.com.

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