

coban

Visible Path: Performance Assurance of a Hosted Social Networking Solution

a Coban case study

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Visible Path: Hosted Software Performance Assurance

A Case Study

Visible Path needed confidence that their social networking solution would provide an outstanding experience to their users. With ~60 second response times, they needed help. Coban was selected for the project...it's a good thing we were.

Visible Path's Challenge

Visible Path's objectives included:

- > Efficiently traversing complex social network graphs of millions of users
- > Handling a peak load of over 100,000 users
- > Providing page response times of no more than 2 seconds
- > Testing and analyzing the application with anticipated peak user load
- > Working iteratively with onshore and offshore development teams to identify and solve performance and scalability problems
- > Doing proper capacity planning in order to meet customer demand

The Solution

Visible Path leveraged Coban's proven methodology and toolset to take a structured approach to the test planning and performance testing of their hosted solution. Load testing and code profiling Visible Path's application enabled the Coban team to identify and resolve performance and scalability bottlenecks in a timely fashion. Specifically, the Coban team completed the following tasks:

- > Developed and executed realistic load simulations to exercise Visible Path's application using Borland's Silk Performer
- > Profiled the code leveraging JProfiler
- > Identified poorly performing components in the application and infrastructure
- > Worked with onshore and offshore developers to resolve the issues

The Results

Completing the performance assurance effort resulted in dramatic improvements:

- > 60X improvement in page response times
- > Achieved targeted scalability objectives, the solution now being able to handle the expected user adoption
- > Increased the overall stability of the site by identifying and resolving code anomalies

What sets us apart:

We live and breathe Performance Engineering. Our team of dedicated experts average over 15 years of experience and our results at Visible Path say it all...

"Coban helped us gain significant improvements in the overall performance of our complex web application. The Coban members' expertise in this field, their ability to quickly understand our product platform and their seamless interface with my team enabled us to deliver 2x improvements in speed and reliability."

Paul Emery
VP of Engineering, Visible Path

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About Visible Path

Visible Path helps business people manage social networks and build relationship capital. Founded in 2002, Visible Path's free service helps business people map and manage their professional social network, connect to contacts, collaborate with colleagues and gain insight into the relationships they have and access to the ones they need. Registration is free at www.visiblepath.com. Paid corporate networks help companies connect their employees and provide access to the corporate social network to sell, market and recruit more effectively. Visible Path uniquely allows individuals and companies to connect their social networks while maintaining privacy, security and control at both the individual and the company level.

About Coban

We are consultants. We are experts. We are different.

Headquartered in San Francisco, our team excels at implementing Enterprise Content Management (ECM) solutions & ensuring the performance of web applications. Our ECM Consulting Practice is second to none, designing and building solutions that enable our clients to manage and deliver corporate information to their customers through role-based personalized web portal experiences, employee intranets, collaborative knowledge sharing environments, interactive and eCommerce internet sites, and self service web applications.

Implementing technology is only the start. Ensuring that your users and customers can interact with the solution effectively is where you will realize its benefits. Don't take the chance that your infrastructure can't keep up. Our Performance Assurance offerings enable our clients to realize measurable improvements by providing system tuning, benchmark results and performance enhancement recommendations. We've done this consistently with outstanding results.

At the end of the day, we're nothing if we don't deliver a return on the investment that our clients make in us. That's something we keep top of mind on every project, every day. Collectively, we have decades of experience solving complex business problems and delivering solutions to Fortune 1000 clients and small to medium sized companies. We use this expertise to transform businesses by delivering results. And we do it well.