



abstracta 

PERFORMANCE ENGINEERING

Performance Engineering

Abstracta plays an important part throughout the application life cycle in order to achieve performance excellence. Using the right tools and best practices for your business, our engineers help to avoid system failures.

KEY AREAS WHERE OUR EXPERT PERFORMANCE ENGINEERS CAN HELP YOU



PERFORMANCE TEST STRATEGY AND EXECUTION

Follow a systematic, well-defined process in order to achieve your performance goals. This process involves three main stages: test definition, automation, and test execution & results analysis.



DEVOPS TROUBLESHOOTING AND TUNING

Abstracta's DevOps services help you to quickly find and fix the root cause of bottlenecks and enhance the performance of your system.



REPORTING AND MONITORING

Our experts help you design, customize and implement New Relic and supports your business goals. We help unify (infrastructure and application) data giving you an objective global analysis.



CONTINUOUS TESTING ASSESSMENT

Abstracta's testing maturity assessment will help you quickly identify where your QA stands today and what activities you need to do to achieve testing maturity, enhancing your technology and processes.



STAFF TRAINING AND CERTIFICATIONS

We provide online certifications in performance testing and customized coaching for your staff from basic training to skill advancement in all our areas of expertise.



DELIVERY MODELS

Managed resourcing:

Delegate a project to an Abstracta-managed team of DBAs, performance engineers and infrastructure specialists.

DevOps outsourcing:

Delegate the entire process to execute on-site or off-site.

Staff Augmentation:

Grow your team with our highly-skilled professionals for the period you find appropriate.

BENEFITS OF WORKING WITH ABSTRACTA

- Get up-to- speed on automated application performance monitoring
- Increase collaboration within your business
- Achieve a competitive advantage through faster delivery cycles
- Provide reporting to business stakeholders regarding actual performance against expected performance
- Protect brand and uphold revenue by reducing performance risks

WHO WE ARE

Boasting offices in Silicon Valley and South America, Abstracta has over a decade of expertise in software quality assurance, not only working with leading-edge proprietary and open source tools, but also developing specialized tools for a wide range of clients with a particular focus on the financial services, healthcare and technology sectors.

Abstracta was formed by a team of passionate, PhD-qualified computer engineers. We are relentless in our pursuit of innovative ideas and solutions to provide our customers with the best possible results.

SUCCESS STORIES

Bancard

PARAGUAY

Bancard is a leading card processor and administrator in Paraguay for various debit and credit card brands and handles the administration of Infonet's automated teller machine (ATM) and POS network; among others.

- Our team allowed **Bancard** to verify the proper operation and performance of its new, critical systems such as a new CRM, the Infonet Mobile system and technological upgrading of its core system (its core business).
- For these purposes, we planned, designed and executed manual and automated tests. We also implemented performance tests to check server performance on the backend.

BBVA

URUGUAY AND ARGENTINA

A key player in the Uruguayan market, BBVA is a financial institution that belongs to the Banco Bilbao Vizcaya Argentaria Group, a leader in financial services in more than 30 countries with its headquarters in Spain.

- **BBVA** finds itself in a process across all of its branches worldwide in which it is strongly committing to the development of its digital channels; especially mobile for communication with customers.
- In this context, **Abstracta** is currently an indispensable partner to help **BBVA** face the challenges that come with making systems whose performance meet the needs of the business and its customers.
- Our team helped **BBVA** to select, install, and configure APM (application performance monitoring) tools. We also helped design its mobile application so that it would have adequate performance that could easily be measured with the APM tools. Furthermore, we helped to design and execute performance tests that simulate the behavior of real users, enabling adjustments to all of the principal components.

Learn more about our complete services at www.abstracta.us/perfmatters.