CASE

Company: Proteometrics, LLC
Location: NY, USA
Market: Biotechnology, Pharmaceutics
Keywords: mass spectrometry analysis

Project Name: Radars
Duration: August 2001 - December 2001
Division: Software Engineering
Technologies: Java, J2EE, C++

Rebuilding RADARS

Proteometrics, now part of Genomic Solutions' proteomics division, was a leader in developing systems to integrate and analyze proteomic data generated by mass spectrometers. Their main product, RADARS, is used in more than 50% of the biggest pharmaceutical companies around the world.

Vetta was hired to maintain and optimize the production version of RADARS, originally developed in C++ and Perl with a Web interface. The five-month project included:

- code debugging, refactoring, and optimization
- code revision, improving quality, readability, and extensibility
- specification of RADARS' new production version
- architectural design of the new version

The new production version was later implemented by the Proteometrics development team in New York, under the supervision of our staff.

Key Benefits

Vetta has helped by making RADARS:

- 10 times faster at system start-up
- 4 times faster in the overall performance
- a more scalable and maintainable system, with technologies like J2EE, EJB, and Servlets replacing the older, CGI based architecture

Vetta Technologies

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