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Kelley Baran,
Director of Administrative Services

Bridgewater State University validates student registration under peak load



BRIDGEWATER
STATE UNIVERSITY

Company: Bridgewater State University

URL: <http://www.bridgew.edu/>

Environment & Challenges

- Ellucian Banner ERP, Oracle RAC with 4 front-end servers
- Validate peak student registration during short time period
- Improve system performance

Results

- Full registration load test executed without any performance or server-side issues
- Peace of mind, following the validation of new system components

The Challenge

With over 11,500 undergraduate and graduate students, Bridgewater State University provides self-service class registration utilizing the native Ellucian Banner platform.

Each day during the registration period is dedicated to a different student grade level (Graduate students, Seniors, Juniors, etc.) and the system must handle 1,500 to 2,100 distinct students registering within a 1.5 hour period. Bridgewater wanted to verify that the recently upgraded Oracle RAC and Banner modules could handle the peak load requirements.

Why WebLOAD?

“The scenario recording, scripting and validating were the easiest parts of learning the WebLOAD,” mentions Kelley Baran. “We ran into a number of issues being able to test the volume we wanted and thus had a few iterations of testing. We finally were able to test up to the 1,000 virtual users utilizing Amazon Cloud Services. The help obtained from RadView staff throughout was excellent.”





Peace of Mind

Using WebLOAD, Bridgewater was able to run full registration load tests during the March maintenance period.

“The greatest benefit is the peace of mind that you’ve done everything you possibly could to insure a good customer experience – registration for students in our case. If we had discovered an issue, we would have been able to take corrective actions prior to registration and re-test all with the goal of providing a stable technological base for the important activities of our students, faculty and staff.”

About WebLOAD and Ellucian

WebLOAD is the tool of choice used by the Ellucian Professional Services and R&D teams during the development and release cycles of Ellucian ERP systems.

WebLOAD supports Banner, Luminis and INB platforms and is used by universities and colleges all over North America.



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The RadView staff hung in with us to insure we were finally able to run a successful testing of the entire registration process.

*Kelley Baran,
Director of Administrative Systems*

About RadView

RadView is a leading provider of application performance and load testing software. Since 1993, RadView has enabled over 3500 customers around the world to assure the performance, scalability and reliability of their internet applications.



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