



Powerful and Flexible Load Testing for Ellucian



ellucian.

COMMUNITY PARTNER

RadView's relationship with Ellucian dates back to 1999, when the development team at Campus Pipeline purchased a WebLOAD license to validate the performance of their next generation web portal (now Luminis). Later the Banner development team made the switch to WebLOAD as their load testing tool of choice. In 2008, the Professional Services division acquired a special "portable" WebLOAD license that enables them to deliver highly effective load testing and tuning services to their customers in the field.



Flexible Solutions for Your Business Needs

We believe that enterprise-grade load testing should be within reach for higher education. RadView's special hybrid license for higher education enables you to purchase a permanent WebLOAD license for everyday application testing, and to purchase a short term license, as needed, to stress test with a significantly larger load.

This approach allows you to make sure that your systems are ready for standard use as well as peak traffic events like student registration. If you expect 10,000+ concurrent users on your systems, you should test those systems with 10,000+ virtual users. We don't believe in using "fuzzy logic" to extrapolate how a system will behave with 10,000 concurrent users based on a 1,000 virtual user load test.

Ellucian Mobile – Are You Ready?






WebLOAD supports today's connected world. WebLOAD can rapidly and effectively load test both native and web based Mobile applications. RadView has collaborated with the Ellucian Mobile product management team to insure that WebLOAD supports Ellucian's mobile strategy out-of-the-box.

Technology that Works

With WebLOAD you record a single user interacting with your Ellucian solutions via their browser. This recording then becomes your baseline load test script. Next, you quickly manipulate your test script to produce the anticipated peak production load mix you expect on your Ellucian solutions.

Once you successfully test your Ellucian solution, you can use WebLOAD Analytics to compare results between test runs, perform "what-if" load scenarios, identify performance bottlenecks, confirm tuning effectiveness and finally validate that your Ellucian environments are ready for your next peak traffic event, like student registration.

The WebLOAD Advantage

-  100% out-of-box support for Ellucian
-  Flexible license model for cost-effective load peak testing
-  Over 20 years of experience and 3500 customers
-  Easy to get started, easy to customize with JavaScript
-  Seamless support for both web and mobile



Answer your key performance testing questions:

- ▶ Ready for Ellucian mobile?
- ▶ Ready for next registration?
- ▶ SSB and Luminis portal scaling?
- ▶ External web services an issue?
- ▶ Custom code performing well?
- ▶ Ready for the next Ellucian release?
- ▶ Do you need a hardware upgrade?
- ▶ Are your network devices working?

Field Proven By Some Of Ellucian's Largest Customers

A university was having issues when 200 students were registering for their classes simultaneously.

- Tested and verified the configuration of their environment which included Oracle Application Server, Oracle Database, BEA WebLogic and Apache web servers
- Using WebLOAD Analytics, identified several application areas that required tuning and configuration changes. The primary focus was on Oracle Application Server and Database
- Their Self Service Banner (SSB) environment now handles 2,000 concurrent students

A university was struggling to support 1,000 students registering for classes simultaneously. They had used a third party to load test their SSB environment using another load testing tool.

- Initial load test revealed they had a performance issue with less than 300 concurrent users
- Using WebLOAD Analytics, identified Oracle Application Server parameters that were either set improperly or missing and identified database tuning points
- Their SSB environment now handles 1,000+ concurrent students registering for classes with ease

A college was having performance issues with their Luminis environment handling a few hundred concurrent students.

- Initial load test quickly revealed there were major issues with the organization's network routing tables and load balancers
- Routing tables were updated, router firmware was updated, Oracle Application and Database servers were tuned and confirmed with several rounds of load testing
- Their Luminis environment now handles 2,000+ concurrent students with no hint of performance issues

An institute was not happy with the results of their load tests executed with a third party load testing tool.

- Initial WebLOAD load tests revealed network performance issues and slow page delivery with less than 1,000 concurrent students
- Initial Oracle Application Server tuning produced good response times with 2,000+ concurrent students on the system
- Load tests revealed custom code that presented the users with pop-ups and info messages was performing 506 unnecessary database calls
- Once the custom code was optimized, their SSB environment was able to handle 5,000+ concurrent students as needed