LiquidityServices
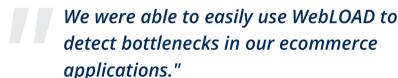
About Liquidity Services

Liquidity Services, Inc. (NASDAQ: LQDT) leads the surplus assets industry by providing innovative online marketplaces and integrated services for surplus assets.

Millions of users access the company's e-commerce websites to perform online transactions such as purchase surplus inventory from retailers, perform asset disposal, sell excess inventory, etc.

Ensuring Marketplace Performance

With over 4.2 million transactions across 500 asset categories, the ecommerce websites have a business-critical role in driving annual revenues of over $950M. Management wanted to ensure the availability and top performance of the company's marketplaces at all times through effective load and performance testing.

> **We were able to easily use WebLOAD to detect bottlenecks in our ecommerce applications."**
>
> Sandeep Pokala,
> Performance Engineer, Liquidity Services

Company

Liquidity Services

Environment & Challenges

- Ensure availability and performance of ecommerce sites
- Simulate system behavior under load
- Cut load testing costs

Results

- Identification of production server bottlenecks, timeout issues and memory leaks
- Cost savings due to lower tool/maintenance costs

Identifying Bottlenecks

"The challenges we had was simulating real user load in our performance testing to get an idea how our servers behave in production," says Sandeep Pokala, Liquidity Services performance engineer. "All our code was written in Perl language and we are in the process of migrating to Java."

Taking advantage of WebLOAD's easy script creation and automated correlation, the testing team was able to model load test scenarios that simulate production patterns and to identify several potential bottlenecks "We have identified gateway time out errors, 'server not found' errors, and memory leaks that we detected during longer endurance tests."

Beyond to its advanced features, Sandeep highlights the cost issue. "The cost is reasonable when compared to other products in the market which have the same set of features as WebLOAD."

RADVIEW