



*“We shortlisted ElectricCommander because it topped the critical features-and-functions comparison list created by our development team. But our final decision became obvious when ElectricCommander outperformed the alternative on several key metrics in a head-to-head test.”*

— Dick Wallace,  
Technology Director, Internal Development Tools,  
Netezza

## About Netezza

Netezza, the global leader in data warehouse and analytic appliances, enables business users across the extended enterprise to leverage the power of high-performance analytics on all their data, simply and affordably. The Netezza family of appliances brings appliance simplicity to a broad range of complex data warehouse and analytic challenges.

[www.netezza.com](http://www.netezza.com)



## Before Electric Cloud

Netezza’s geographically dispersed development team needed to automate its build-test-deploy process to keep pace with the software production requirements of the growing product line. Netezza had two full-time software release engineers spending the majority of their time running builds. At the same time, Netezza’s internal development executives realized that the homegrown build and test scripts the release team was using would soon not be able to keep pace with future needs, so it began defining requirements for a fully automated build-test-deploy process.

## How did Electric Cloud Help?

ElectricCommander was able to adapt existing scripts into an automated infrastructure and create a unit test database and capture test output to a dashboard. ElectricCommander exceeded critical features and functions needed by the development team and outperformed alternative products including the following.

- **Fast builds and improved productivity.** Compared to its homegrown build and test environment, ElectricCommander reduced Netezza’s software build times from days to hours and freed up release engineering personnel to focus on more strategic tasks.
- **Process Improvement and automation.** ElectricCommander automates both phases of the build and test process at Netezza. Phase one consists of running the build and completing unit and smoke tests; the second phase consists of system tests for a fully automated software production environment.
- **Seamless integration efficiency.** Netezza was able to utilize ElectricCommander to integrate builds in a seamless process. Developers are able to use the system directly with no involvement from Release Engineers, making both groups more efficient.
- **Complete visibility and cost reductions.** Netezza’s globally distributed development team is able to achieve greater efficiencies with ElectricCommander, including a greater ability to maintain tight production schedules for its appliances by building and testing across all clients and identifying potentially-costly issues as early as possible in the development process.

## Type of Application

Enterprise Web/IT

## Solution Implemented

ElectricCommander