



“With ElectricAccelerator we can handle 25 to 35 builds in well under 17 hours. In addition, we’ve been experimenting with 50 builds in that same timeframe and have seen success. We feel it’s just a matter of scaling our build and test clusters, and then 50 builds will be the norm”

— Laurent Brack, Senior Office Manager, LSI Logic

About LSI

LSI Corporation is an electronics company based in San Jose, California that designs semiconductors and software that accelerate storage and networking in datacenters, mobile networks and client computing.

www.lsi.com



Before Electric Cloud

There were dozens of builds, each several hours long and entailing approximately 250 to 500 test sessions, the company was nowhere near its daily build goal plus there wasn’t enough visibility.

How did Electric Cloud Help?

ElectricAccelerator® addressed the build speed issues within the integration model, successfully reducing build times by 7-8x (150 minutes reduced to 20 to 30 minutes).

Increased speed & productivity. ElectricCommander’s automation tool was able to take the previous environment which became overloaded handling just 250 concurrent steps and increased in to schedule and execute more than 1,000 concurrent steps with the same hardware setup, dramatically streamlining and speeding the smoke test process.

- **Faster builds.** Fast builds. ElectricAccelerator increases build speed by 5X.
- **Efficiency.** ElectricAccelerator and ElectricCommander working simultaneously enabled LSI to compile and link between 25 to 35 branches or change sets each taking 20 to 30 minutes, and test them all within a day.
- **Process Automation.** Electric Cloud has enabled a continuous build and test system at LSI that was previously impossible.
- **More efficient operation.** Able to easily adapt their existing test scripts to work with ElectricCommander, LSI also took advantage of architectural features such as projects and nested procedures, which simplify the management of large projects and promote reuse. In doing so, they were able to eliminate substantial amounts of redundant code, thereby simplifying and streamlining maintenance of the system.

Type of Application

Enterprise Web/IT

Solutions Implemented

ElectricAccelerator

ElectricCommander